

# Y Pwyllgor Amgylchedd a Chynaliadwyedd

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Lleoliad:

**Ystafell Bwyllgora 3 – y Senedd**

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Dyddiad:

**Dydd Mercher, 7 Mai 2014**

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Amser:

**09.20**

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Cynulliad  
Cenedlaethol  
Cymru

National  
Assembly for  
Wales



I gael rhagor o wybodaeth, cysylltwch â:

**Alun Davidson**

Clerc y Pwyllgor

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## Agenda

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**Rhag-gyfarfod anffurfiol (09:20 – 09:30)**

**1 Cyflwyniad, ymddiheuriadau a dirprwyon**

**2 Cyfoeth Naturiol Cymru – Sesiwn graffu cyffredinol (09:30 – 11:00)**

(Tudalennau 1 – 169)

E&S (4)-12-14 papur 1

Peter Matthews, Cadeirydd

Emyr Roberts, Prif Weithredwr

**3 Papurau i'w nodi** (Tudalennau 170 – 171)

Cofnodion y cyfarfod a gynhaliwyd ar 1 Mai

**Llythyr gan y Gweinidog Cyfoeth Naturiol a Bwyd : Strategaeth Ddwr i Gymru**  
(Tudalen 174)  
E&S(4)-12-14 papur 3

**Llythyr gan y Gweinidog Cyfoeth Naturiol a Bwyd : Effaith economaidd ffermydd gwynt ar dwristiaeth** (Tudalennau 175 – 176)  
E&S(4)-12-14 papur 4

**4 Cynnig o dan Reol Sefydlog 17.42 i benderfynu gwahardd y cyhoedd o'r cyfarfod ar gyfer eitemau 5, 6 a 7 (11:00)**

(Egwyl 11.00 – 11.10)

Sesiwn breifat

**5 Cylch gorchwyl arfaethedig ar gyfer ymchwiliadau'r dyfodol (11:10 – 11:25)** (Tudalennau 177 – 182)

**6 Ymchwiliad i gynigion Llywodraeth Cymru ar gyfer yr M4 ger Casnewydd: Trafod y camau nesaf (11:25 – 11:30)** (Tudalennau 183 – 198)

**7 Rheoli Tir yn Gynaliadwy: Trafod yr adroddiad drafft (11:30 – 12:30)**



**Gwybodaeth ar gyfer cyfarfod Pwyllgor yr Amgylchedd a Chynaliadwyedd ar 7 Mai 2014.**

**Blwyddyn gyntaf o weithredu Cyfoeth Naturiol Cymru.**

## **1. Cyflwyniad**

Pwrpas Cyfoeth Naturiol Cymru yw sicrhau y cedwir, y cyfoethogir ac y defnyddir adnoddau naturiol Cymru'n gynaliadwy nawr ac yn y dyfodol. Rydym yn croesawu'r cyfle i gyflwyno i'r Pwyllgor i ddangos sut rydym wedi sefydlu'n sefydliad, sut rydym yn cyflwyno'n blaenoriaethau, ac yn sicrhau y gallwn fod yn sefydliad cwbl weithredol ac annibynnol.

Rydym yn cynnwys papur byr sy'n amlygu rhai o'n cyflawniadau yn ystod 2013/14 (Atodiad 1).

## **2. Niferoedd staff a strwythur Cyfoeth Naturiol Cymru**

Mae'r tabl isod yn dangos nifer y staff ar 1 Ebrill 2013 a 31 Mawrth 2014.

<b>Ffigurau Staff</b>		
	<b>Cyfwert ag Amser Llawn</b>	<b>Nifer</b>
Ebrill 2013	2070.4	2179
Mawrth 2014	1953.8	2053

Mae 126 aelod o staff wedi gadael trwy ddiswyddiadau gwirfoddol. Mae'r gost tua £5.1 miliwn, wedi'i hariannu'n rhannol gan gyllideb Buddsoddi i Arbed Llywodraeth Cymru.

Mae arbedion y cynllun gadael gwirfoddol hwn fel a ganlyn:

2013/14 – £0.9m

2014/15 ymlaen – £4.3m yn flynyddol

Gweler Atodiad 2 am organogram o'n strwythur rheoli.

### **3. Llythyr Cylch Gwaith a Rheoli Perfformiad**

Dywedodd y Llythyr Cylch Gwaith 2013/14 a roddwyd i Cyfoeth Naturiol Cymru gan y Gweinidog Cyfoeth Naturiol a Bwyd, y dylem ganolbwyntio'n arbennig ar:

- Gyflwyno Buddiannau Achos Busnes
- Sicrhau Parhad Busnes
- Cynnal Camau Gorfodi
- Sicrhau Ymateb i Ddigwyddiadau
- Datblygu'r Dull Rheoli ar Lefel Ecosystemau
- Blaenoriaethau penodol Rheoli Perygl Llifogydd, cefnogi swyddi a busnesau, Mynediad a Hamdden, a'r amgylchedd trefol
- Datblygu ein Cynllun Corfforaethol cyntaf 2014-17

Paratowyd ein Cynllun Busnes ar gyfer 2013/14 mewn ymateb i'r Llythyr Cylch Gwaith. Roeddem wedi creu Dangosfwrdd Corfforaethol ar gyfer ein Bwrdd a'n Gweithrediaeth er mwyn sicrhau systemau llywodraethu a chraffu ar ein cyflwyniad o'r Llythyr Cylch Gwaith a'r Cynllun Busnes.

Gweler Atodiad 3 ar gyfer y papur ar y Dangosfwrdd Perfformiad a gyflwynwyd i'r Bwrdd ym mis Chwefror.

Bydd y Dangosfwrdd Perfformiad terfynol ar gyfer 2013/14 yn cael ei gyflwyno yng nghyfarfod y Bwrdd ym mis Mai ac yn cael ei gyhoeddi ar ein gwefan ar 7 Mai 2014.

Dyma grynodedeb o'r hyn a gyflwynwyd yn erbyn y llythyr cylch gwaith a'r achos busnes:

#### **3.1 Cyflwyno Buddiannau Achos Busnes**

- Rydym yn datblygu ein gallu annibynnol ac yn gweld arbedion o ganlyniad i uno'r tri sefydliad.
- Amcangyfrifwn erbyn diwedd 2013/14 y byddwn wedi cymryd camau i gyflwyno arbedion gwerth £5.5m y flwyddyn. Bydd yr arbedion hyn yn cronni i £47m erbyn Blwyddyn 10.
- Rydym yn darogan y bydd y camau'n cyflwyno cynnydd blynyddol mewn arbedion hyd at £21m y flwyddyn erbyn 2018/19. Rydym yn hyderus felly y byddwn yn cyflawni ein buddiannau Achos Busnes o £158m (rhai anariannol a thrwy ryddhau arian) erbyn Blwyddyn 10.

#### **3.2 Sicrhau Parhad Busnes**

- Rydym wedi rhagori ar ein targedau o ran ymateb i gwsmeriaid – mae ein Canolfan Gofal Cwsmeriaid yn ymdrin â 97% o geisiadau yn erbyn targed o 80% ac mae 97% o'r galwadau'n cael eu hateb yn yr amser penodedig yn erbyn targed o 90%. Cynhaliwyd dau ymarfer Siopwr Dirgel, gan gyflawni 98% o ran ansawdd y wybodaeth a roddwyd a 90% o ran ffurf y gwasanaeth cwsmeriaid a ddarparwyd.
- Erbyn diwedd mis Chwefror 2014, roeddem ychydig islaw ein targed o 95% o ran cyflwyno trwyddedau ar amser, gyda 94% o drwyddedau rhywogaethau'r môr a rhywogaethau a warchodir wedi'u cyflwyno ar amser a 92% o drwyddedau eraill.

### 3.3 Cynnal Camau Gorfodi

- Cyfanswm yr erlyniadau oedd 209, gan gynnwys erlyniadau gwastraff, ansawdd dŵr a physgodfeydd. Gosododd y llys werth £214,618 o ddirwyon a dyfarnwyd costau o £162,526 i Cyfoeth Naturiol Cymru.
- Roedd dedfrydau'n cynnwys dros 1000 awr o waith heb dâl; gorchymyn ymddygiad gwrthgymdeithasol troseddol cyntaf Cyfoeth Naturiol Cymru; gorchymyn cyrffiw; anghymhwys cyfarwyddwyr hyd at 20 mlynedd; a dyfarnwyd dedfrydau o garchar (gan gynnwys dedfrydau o garchar gohiriedig) mewn sawl achos.
- Dosbarthwyd cyfanswm o 23 rhybudd a 105 hysbysiad o orfodaeth.

### 3.4 Sicrhau Ymateb i Ddigwyddiadau

#### Llifogydd

Rydym wedi adolygu'r difrod a achoswyd gan y llifogydd a'r stormydd dros y gaeaf a'n hymateb iddynt. Rheolwyd a dilynwyd i fyny ar gamau gweithredu. Rhannwyd y gwersi a ddysgwyd gyda phartneriaid ac rydym yn cyfrannu at adolygiad Llywodraeth Cymru o'r llifogydd. Rydym hefyd yn rhan o'r adolygiad amlasiantaeth o'r digwyddiadau hyn yng Ngogledd a Chanolbarth Cymru.

#### Clefyd y Llarwydd

- Bu cynnydd mawr yn lleadaeniad y clefyd *Phytophthora ramorum* yn ystod 2013/14 gydag ardal y clefyd yn ne Cymru'n ymestyn yn sylweddol ac ardal achos newydd sylweddol yng ngogledd Cymru. Mae mwyafrif yr ardaloedd hyn ar Ystâd Goed Llywodraeth Cymru.
- Rydym wedi cynnal y rhaglen wylidwriaeth ar gyfer y clefyd yn nhymor yr haf 2013 gan ymweld â thros 1000 o safleoedd dan amheuaeth a chyflwyno 270 o hysbysiadau iechyd planhigion statudol newydd.
- Yn dilyn cyhoeddiad Llywodraeth Cymru ym mis Rhagfyr 2013 ynglŷn â'r Strategaeth Rheoli Clefyd *Phytophthora ramorum* ddiwygiedig, cynhaliwyd ymarfer mawr er mwyn adlewyrchu'r sefyllfa newydd ac rydym bellach yn ymdrin ag ymylon yr haint er mwyn ceisio arafu'r lleadaenu.
- Mae dros 2100 hectar o larwydd heintus wedi'u difa ers 2010. Yn 2013/14, mae 289 hectar eisoes wedi'u clirio ac rydym ar hyn o bryd yn gweithio ar glirio 391 hectar pellach ar Ystâd Goed Llywodraeth Cymru.

### 3.5 Dull Rheoli ar Lefel Ecosystemau

- Rydym wedi sefydlu tri chynllun peilot i ddatblygu rheolaeth adnoddau naturiol (Dyfi, Rhondda a Thawe). Rydym yn parhau i gynghori Llywodraeth Cymru ar Fil yr Amgylchedd a rheolaeth adnoddau naturiol. Mae'r holl staff wedi'u cyfarwyddo ar y dull rheoli ar lefel yr ecosystem.

### 3.6 Rheoli Perygl Llifogydd

- Rydym wedi datblygu Cynllun Gweithredu er mwyn symud ymlaen gyda'r tîm Rheoli Perygl Llifogydd yn cymhwyso'r dull rheoli ar lefel yr ecosystem. Mae hyn wedi'i gynnwys yng ngwaith cyffredinol y dull rheoli ar lefel yr ecosystem ac mae'n helpu i hyrwyddo gwaith integredig.
- Rydym wedi gwella'r amddiffyniad rhag llifogydd i 1205 o adeiladau, yn erbyn targed o 500. Rydym wedi cwblhau'r cynlluniau llifogydd canlynol yn 2013/14.
  - Higher Ferry – 273 o adeiladau
  - Ystradgynlais – 244 o adeiladau
  - Amddiffyniad Llanw ac Afonol Crofty – 27 o adeiladau
  - Balderton Brook – 108 o adeiladau

- Llanfair TH – 33 o adeiladau
- Prestatyn – 100 o adeiladau
- Fairbourne – 420 o adeiladau
- Mae 58.2% o adeiladau sydd mewn perygl wedi cofrestru ar gyfer ein gwasanaeth Rhybuddion Llifogydd Uniongyrchol; ein targed oedd 58%.

### 3.7 Cefnogi Swyddi a Busnes

- Rydym wedi gweithio gyda Llywodraeth Cymru ar gyhoeddi adroddiad ar fudd Llwybr Arfordir Cymru i fusnes. Rydym hefyd wedi gweithio gydag awdurdodau lleol i atgyweirio'r difrod i'r llwybr.
- Rydym wedi rhagori rhywfaint ar ein targed blynyddol o ran cynnig pren i'r farchnad.
- Datblygwyd ein strategaeth fenter ac mae'n cynnwys rhaglen o astudiaethau dichonoldeb.
- Rydym yn adolygu ac yn gwella'r prosesau ceisio am drwydded, gan gynnwys cais am sawl trwydded ac ynni dŵr.

### 3.8 Mynediad a hamdden

- Rydym wedi cwblhau ein canolfan ymwelwyr newydd yng Nghoed y Brenin ac wedi rhagori ar ein targed o 50,000 o ymwelwyr ychwanegol.
- Rydym wedi cyflawni gwariant o 99.4% ar y rhaglen Gwella Llwybrau Tramwy ac wedi cynhyrchu adroddiad gwerthuso ar gyfer Llywodraeth Cymru ar ddyfodol y rhaglen.

### 3.9 Amgylchedd trefol

- Rydym wedi datblygu targedau cymuned drefol yn ein Cynllun Corfforaethol newydd, sy'n adeiladu ar waith y cyrff blaenorol.
- Cwblhawyd ac adroddwyd ar y prosiect iTree Eco (arolwg coed trefol), ei bwrpas oedd rhoi gwerth ariannol i fuddiannau coed trwy edrych ar faint o garbon a llygredd arall yn yr aer a ddeler ac a gaiff eu storio gan goed trefol, yn ogystal â'u cyfraniad at leihau effeithiau newid hinsawdd. Dylid ei fabwysiadu yn Strategaeth Goed Wrecsam yn 2014/15.
- Mae cynlluniau peilot plannu coed wedi datblygu yng Nghoed Aber, Treezilla yn Aberystwyth a Choed Talbot ym Mhort Talbot.
- Dewch Allan! Ffurfiwyd rhwydweithiau yn Nwyrain Casnewydd, Gorllewin Caerdydd, Wrecsam, y Barri, Gwynedd, Caerffili, Merthyr Tudful ac Abertawe. Rydym wedi diffinio gwahanol elfennau ein darpariaeth ac wedi sefydlu gweithdrefnau er mwyn i aelodau rhwydweithiau lleol geisio am arian o'n cronfeydd Ymgysylltu â'r Gymuned a Meithrin Gallu.

## 4. Cynllun Corfforaethol ac Ymgysylltu â Rhanddeiliaid

Cyhoeddwyd ein Cynllun Corfforaethol 2014-17 cyntaf (Atodiad 4) ar 1 Ebrill 2014. Wrth ddatblygu ein cynllun cynhaliwyd 10 digwyddiad i randdeiliaid, gan gynnwys tri oedd yn benodol i ddiwydiant yng Nghymru. Daeth 130 o sefydliadau o'r sectorau cyhoeddus, preifat a gwirfoddol i'r digwyddiadau a rhoi gwybodaeth er mwyn datblygu'r cynllun.

Cyflwynwyd ein cynigion ar gyfer ymgynghoriad cyhoeddus rhwng 4 Tachwedd 2013 a 10 Ionawr 2014. Cafwyd 92 ymateb ffurfiol oedd yn mynegi cefnogaeth eang i'n cynigion. Cyhoeddwyd adroddiad cryno ar yr ymatebion hyn ar ein gwefan.

## 5. Cynllunio a chaniatáu

### 5.1 Crynodeb o sut mae gwahanu swyddogaethau ymgynghorol a chaniatáu wedi gweithio hyd yn hyn.

Mae gan Cyfoeth Naturiol Cymru nifer o swyddogaethau a dyletswyddau sy'n deillio o'n rôl fel cynghorwyr, rheolwyr/datblygwyr prosiectau/gweithredwyr tir ac adnoddau naturiol, fel rheoleiddiwr tua 30 a mwy o systemau rheoleiddio, ynghyd â'n swyddogaethau penodol mewn perthynas ag Asesiadau Amgylcheddol Strategol (AAS) ac Asesiadau Rheoliadau Cynefinoedd.

O ystyried y cymhlethdod hwn, ond gyda gwelediad clir ar yr achos strategol i CNC weithredu fel sefydliad 'un llais', gyda thimau integredig yn mabwysiadu dull ecosystemol o weithio i gefnogi ffordd gwbl integredig o wneud penderfyniadau i gyrraedd ein hamcanion, mae Bwrdd CNC wedi mabwysiadu nifer o egwyddorion lefel uchel i helpu i reoli'r tensiynau posibl hyn. Mae'r egwyddorion hyn yn cynnwys:

- Bydd yr holl gynigion ar gyfer rheoli ein aml-swyddogaethau yn hwyluso dull integredig o wneud penderfyniadau, wrth gefnogi dull ecosystemol o weithio (o fewn ein fframwaith cyfreithiol a chyfansoddiadol);
- Felly dim ond pan fo'n angenrheidiol y defnyddir gwahanu swyddogaethol, i gydnabod bod CNC yn un sefydliad ac y dylai swyddogaethau rheoleiddio, cynghori a swyddogaethau gweithredwyr/ymgeiswyr gefnogi'r un canlyniadau pan fo'n briodol;
- Bydd tryloywder yn ofyniad sylfaenol yn fewnol ac yn allanol;
- Bydd atebolrwydd swyddogaethau yn eglur a bydd dirprwyaethau yn seiliedig ar drothwyon risg.

Fel ymateb i'n cyfrifoldebau a'r egwyddorion hyn mae timau sy'n rhoi cyngor a thimau sy'n gweithredu rôl drwyddedu a chydsynio wedi eu sefydlu o fewn Cyfarwyddiaethau â chanddynt swyddogaethau gwahanol. Hefyd, mae tîm Asesu Strategol â swyddogaeth ar wahân wedi ei sefydlu o fewn y Gyfarwyddiaeth Lywodraethu; prif rôl y tîm hwn yw cyflawni rôl ymgynghorai statudol ar gyfer AAS cynlluniau a rhaglenni CNC ei hun.

Yn benodol, gyda golwg ar ddatblygiadau ynni ar ein hystâd coetir ac ystâd goetir Llywodraeth Cymru, mae'r tîm sy'n cydgysylltu â datblygwyr i sefydlu cytundebau les yn gweithredu ar wahân i'r timau hynny sy'n rhoi cyngor statudol i Awdurdodau Lleol a chyngor i'n gwasanaeth trwyddedu.

Nid ydym wedi cael unrhyw anawsterau hyd yma. Byddwn yn parhau i adolygu effeithlonrwydd ein hymarferion gweithio wrth gyflawni ein swyddogaethau a'n cyfrifoldebau.

**5.2 Gwybodaeth am nifer y ceisiadau cynllunio y mae Cyfoeth Naturiol Cymru wedi ymdrin â nhw ers 1 Ebrill 2013 ac yn benodol:**

**a) Nifer y darnau o waith achos cynllunio y mae Cyfoeth Naturiol Cymru wedi ymdrin â nhw rhwng 1 Ebrill 2013 a 31 Mawrth 2014.**

Yn ystod 2013/14, derbyniodd CNC 7,710 i gyd o ymgynghoriadau cynllunio.

**b) Nifer y darnau o waith achos cynllunio parhaus y mae Cyfoeth Naturiol Cymru'n ymdrin â nhw.**

O 1 Ebrill 2014 ymlaen, ymgynghorwyd â CNC ynghylch 847 eitem o waith achos cynllunio cyfredol.

**c) Yn y cyfanswm hwn, nifer y ceisiadau cynllunio ar gyfer prosiectau ynni y mae Cyfoeth Naturiol Cymru wedi ymdrin â nhw rhwng 1 Ebrill 2013 a 31 Mawrth 2014**

Ar hyn o bryd mae TGCh CNC yn parhau i gofnodi ar systemau TGCh dau gorff blaenorol gwahanol, sydd wedi cyfyngu ar ein gallu i adrodd ar 2013/ 14. Mae system TGCh newydd yn cael ei datblygu ar gyfer CNC.

Mae ein cofnodion yn dweud bod CNC wedi ymateb i 522 ymgynghoriad Rheoli Datblygu newydd cysylltiedig ag ynni a dderbyniwyd yn ystod y cyfnod 2013/ 14. Fodd bynnag, wrth nodi'r cyfyngiad uchod, gallai bod gwir nifer yr ymatebion a wnaed gan CNC yn fwy.

**d) Nifer y darnau o waith achos cynllunio parhaus sy'n ymwneud â phrosiectau ynni y mae Cyfoeth Naturiol Cymru'n ymdrin â nhw.**

Fel y nodwyd uchod, mae gallu systemau cyfredol ein cyrff blaenorol i gofnodi yn gyfyngedig ac ni allwn ddarparu'r wybodaeth hon ar hyn o bryd.

**e) Nifer y staff sydd ynghlwm wrth ystyried gwaith achos cynllunio ac ynni.**

Roedd ystyriaeth o waith achos cynllunio ac ynni yn cynnwys 100 Cyfwerth ag Amser Llawn (FTE) wedi ei wasgaru dros 300 o staff.

Mae'r ffigwr hwn:

- yn cynnwys staff sy'n ymateb yn uniongyrchol i geisiadau cynllunio, gan gynnwys rhai cysylltiedig ag ynni.
- yn cynnwys mewnbwn technegol a mewnbwn arbenigwyr i gefnogi'r ymatebion hynny.

**f) Canran yr ymgynghoriadau ar waith achos cynllunio a chanran yr ymgynghoriadau ar waith achos cynllunio ar gyfer prosiectau ynni y mae Cyfoeth Naturiol Cymru wedi ymateb iddynt yn y terfynau amser gofynnol.**

Y dyddiad terfynol ar gyfer ymgynghoriadau cynllunio fel arfer yw 21 diwrnod ar ôl dyddiad y llythyr. Nid yw llawer o ymgynghoriadau a dderbynnir yn cynnwys digon o



wybodaeth i gefnogi asesiad digonol. Yn aml mae'n rhaid inni gysylltu ag ymgeiswyr a swyddogion awdurdodau cynllunio lleol i gael yr wybodaeth angenrheidiol cyn y gallwn ymateb. Gall hyn arwain at oedi yn ein hymateb i ymgynghoriadau ceisiadau cynllunio. O gadw hyn mewn cof, roedd ein hymateb ar gyfer 2013/14 fel a ganlyn:

- Ymatebodd CNC i 75% o'r holl ymgynghoriadau Rheoli Datblygu (Cynllunio Gwlad a Thref) o fewn y terfyn amser y cytunwyd arno.
- Ymatebodd CNC i 62% o ymgynghoriadau newydd (Cynllunio Gwlad a Thref) oedd yn gysylltiedig ag ynni o fewn yr amser y cytunwyd arno. Cyflwynwyd 78% o ymatebion cysylltiedig ag ymgynghoriad 7 niwrnod cyn y terfyn amser. Rydym yn ymwybodol nad yw'r perfformiad ymateb yn foddhaol ac nad yw'n cyrraedd ein targedau; ar hyn o bryd rydym yn mynd i'r afael â'r mater hwn, gyda'r bwriad o wella ein perfformiad yn sylweddol yn ystod 2014/15.

Yn ystod blwyddyn gyntaf CNC, rydym wedi bod yn ymwneud â 25 i gyd o Brosiectau Seilwaith Cenedlaethol ei Arwyddocâd, yng Nghymru neu'n agos at Gymru. Yn ystod y flwyddyn, cynhaliwyd archwiliadau ar gyfer tri o'r rhain: fferm wynt alltraeth Burbo Bank; Fferm wynt Clocaenog; a Gorsaf Bŵer South Hook. Mae'r prosiectau eraill yn y cyfnod cyn-ymgeisio neu wedi derbyn caniatâd ac angen cyngor mewn perthynas â chyflawni amodau neu baratoi ar gyfer adeiladu.

Pan oedd angen ymateb statudol gan CNC bu inni ymateb mewn pryd mewn 100% o achosion.

**g) Nifer a chanran y penderfyniadau ar drwyddedau ar gyfer pob prosiect ac ar wahân ar gyfer prosiectau ynni a wnaed mewn pedwar mis.**

O ddiwedd mis Chwefror 2014 ymlaen, gwnaeth CNC 804 penderfyniad (o 875 i gyd) ynghylch caniatadau/trwyddedau o fewn y terfyn amser statudol ac amserlenni'r cytundeb lefel gwasanaeth (92%).

O'r rhain, roedd 45 penderfyniad (o 100 i gyd) a wnaed o fewn y terfyn amser statudol ac amserlenni cytundeb lefel gwasanaeth, ar gyfer prosiectau ynni (45%).

Pan nodir 'o fewn 4 mis' – rydym wedi cymryd fod hyn yn golygu 'o fewn ein terfyn amser statudol ac amserlenni cytundeb lefel gwasanaeth' sy'n amrywio o 5 diwrnod gwaith i 4 mis (neu fwy yn achos Trwyddedau Morol lle mae angen Asesiadau Effaith Amgylcheddol). Bydd hefyd yn cynnwys rhai ceisiadau Rheoliadau Trwyddedu lle 'mae'r cloc yn cael ei stopio' yn ystod y cyfnod penderfynu os ydym wedi gwneud cais i'r ymgeisydd ddarparu rhagor o wybodaeth. Yn y sefyllfaoedd hyn, byddai'r penderfyniad wedi cael ei wneud o fewn y terfyn amser statudol, ond gallai fod wedi bod dros gyfnod o 4 mis calendr. Eto, byddwn yn mynd i'r afael â pherfformiad yn ystod 2014/15 er mwyn gwella amseroedd ymateb yn sylweddol.

## 6. Cyllid

### 6.1 Copi o'r Atodiad a ddaw gyda'r papur Diweddariad ar Gyllid a gyflwynwyd i'r Bwrdd ar 12 Chwefror 2014.

Gweler Atodiad 6.

### 6.2 Diweddariad ar broffil costau a buddiannau uno'r tri chorff amgylcheddol i ffurfio Cyfoeth Naturiol Cymru mewn fformat sy'n gyson â'r safle cychwynnol a gyflwynwyd i'r Pwyllgor ym mis Hydref 2013 ac yn cynnwys costau a buddiannau gwirioneddol ar gyfer y blynyddoedd ariannol 2012-13 a 2013-14 ac unrhyw ailbroffilio costau a buddiannau wrth symud ymlaen i 2022-23.

#### Cyfoeth Naturiol Cymru – Proffil costau/buddiannau

##### Ffigurau Diwygiedig ar ôl Breinio

Ym mis Gorffennaf 2013, rhoddodd Llywodraeth Cymru dargedau diwygiedig wedi'u seilio ar safle cyllideb agoriadol Cyfoeth Naturiol Cymru ar y diwrnod breinio.

Roedd y ffigurau hyn wedi'u seilio'n debyg i'r Achos Busnes (Achos Economaidd), ond yn cynnwys buddiannau oedd yn rhyddhau arian yn unig. Dangosir cymhariaeth o'r ffigurau diwygiedig yn erbyn yr Achos Busnes gwreiddiol isod:

Business Case - Economic Case (cash releasing only)											All figures in £000	
	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
NPV												
<b>Business Case</b>												
Benefits	0	6,295	9,299	12,389	14,118	14,232	14,232	14,232	14,232	14,232	14,232	127,494
Costs	-10,575	-13,943	-11,923	-8,744	-5,494	-5,374	-2,973	-2,973	-2,243	-2,243	-2,243	-68,728
Net	-10,575	-7,648	-2,624	3,645	8,624	8,858	11,259	11,259	11,989	11,989	11,989	58,766
NPV	-10,575	-7,390	-2,450	3,287	7,515	7,459	9,159	8,850	9,105	8,797	8,499	42,256

Revised Economic Case (cash releasing only)											All figures in £000	
	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
NPV												
<b>New</b>												
Benefits	0	-2,721	7,679	12,976	13,879	14,734	15,605	16,074	16,074	16,074	16,774	127,150
Costs	-12,441	-16,584	-16,200	-6,600	-1,600	-1,600	-2,200	-2,200	-2,200	-2,200	-2,200	-66,025
Net	-12,441	-19,305	-8,521	6,376	12,279	13,134	13,405	13,874	13,874	13,874	14,574	61,125
NPV	-12,441	-18,652	-7,955	5,751	10,701	11,059	10,905	10,905	10,536	10,180	10,332	41,321

Roedd y ffigurau diwygiedig yn unol yn fras â'r Achos Busnes dros 10 mlynedd, ond mae'r proffil yn newid. Mae'r buddiannau net wedi'u darogan yn is yn 2 flynedd gyntaf Cyfoeth Naturiol Cymru o ganlyniad i gostau a chymhlethdod trosglwyddo o ddibynnu ar systemau TGCh Asiantaeth yr Amgylchedd.

##### Rhagolygon Diweddaraf

Mae llwybr archwilio costau a buddiannau Cyfoeth Naturiol Cymru'n cael ei gynnal. Cynhelir rhagolwg ffurfiol yn chwarterol a dangosir y diweddaraf isod:

December 2013 Forecast (cash releasing only)													All figures in £000
NPV	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total	
New													
Benefits		-1,624	7,975	12,375	14,675	14,675	15,675	16,175	16,175	16,175	16,175	128,451	
Costs	-12,441	-11,100	-15,821	-13,700	-1,600	-1,600	-2,200	-2,200	-2,200	-2,200	-2,200	-67,262	
Net	-12,441	-12,724	-7,846	-1,325	13,075	13,075	13,475	13,975	13,975	13,975	13,975	61,189	
NPV	-12,441	-12,294	-7,324	-1,195	11,394	11,009	10,962	10,984	10,613	10,254	9,907	41,869	

Y newid mwyaf arwyddocaol ers mis Gorffennaf diwethaf yw bod y gwaith cymhleth sydd ynghlwm wrth drosglwyddo o systemau TGCh Asiantaeth yr Amgylchedd bellach wedi'i ddiffinio'n llawn ac mae cynlluniau cytûn ar waith. Mae hyn wedi arwain at newidiadau i'r proffil costau a buddiannau rhwng 2013/14 a 2015/16. Mae buddiannau tymor hwy sefydlu Cyfoeth Naturiol Cymru'n parhau'n unol â'r Achos Busnes.

Bydd ffigurau 2013/14 yn derfynol pan fydd y Cyfrifon Blynyddol wedi'u cwblhau. Mae gwaith wedi datblygu ar gynllun cyflwyno buddiannau llawn, gan gynnwys nodi buddiannau nad ydynt yn rhyddhau arian. Mae'r rhagolwg diweddaraf ar gyfer buddiannau sy'n rhyddhau arian a'r rhai nad ydynt yn rhyddhau arian yn dangos swm o dros £160m dros 10 mlynedd.

### **6.3 Rhestr o unrhyw swyddogaethau ychwanegol sydd wedi'u trosglwyddo i Cyfoeth Naturiol Cymru ers 1 Ebrill 2013 a'r arian sydd wedi neu a fydd yn cael ei drosglwyddo i Cyfoeth Naturiol Cymru er mwyn cynnal unrhyw swyddogaethau ychwanegol.**

Nid oes swyddogaethau ychwanegol wedi'u trosglwyddo i Cyfoeth Naturiol Cymru ers 1 Ebrill 2013.

## **7. Deddfwriaeth**

### **7.1 Bil Cynllunio**

Gweler Atodiad 7.1 am ein hymateb i'r ymgynghoriad ar y Bil Cynllunio.

### **7.2 Bil Cenedlaethau'r Dyfodol (y Bil Datblygiad Cynaliadwy cynt)**

Er y daeth yr ymgynghoriad ar Bapur Gwyn y Bil Datblygiad Cynaliadwy i ben ym mis Mawrth 2013, cyn y sefydlwyd Cyfoeth Naturiol Cymru'n ffurfiol, cyflwynodd Cyfoeth Naturiol Cymru ymateb ym mis Ionawr 2013 (Atodiad 7.2).

Ysgrifennodd y Cadeirydd yn ddiweddarach at Brif Weinidog Cymru ym mis Rhagfyr 2013 (Atodiad 7.2.1).

## **8. Strategaeth a Pholisi**

### **8.1 Targedau Bioamrywiaeth 2020**

Byddwn yn parhau i adeiladu ar waith y cyrff blaenorol i amddiffyn, cynnal a gwella cynefinoedd a phoblogaethau rhywogaethau trwy ystod o fecanweithiau gan gynnwys y

Fframwaith Dull Rheoli ar Lefel yr Ecosystem, er mwyn cyfrannu at gyflwyno targedau bioamrywiaeth y Confensiwn ar Amrywiaeth Fiolegol a'r Undeb Ewropeaidd.

Mae gweithgareddau'n cynnwys:

- Cynnal a gwella'r gyfres o safleoedd gwarchoddedig, rhoi cyngor i'r llywodraeth ac eraill, cyfrannu at ddatblygu polisiau a deddfwriaeth (gan gynnwys cytundebau rheoli Adran 15, Ardaloedd Morol Gwarchoddedig, NERC s42 etc).
- Adnabod a phenodi ardaloedd gwarchoddedig, e.e. rydym ar hyn o bryd yn ymgynghori ar ymestyn Ardal Gwarchodaeth Arbennig.
- Mynd i'r afael â gyrwyr newid yn yr amgylchedd ehangach (e.e. rhoi cyngor ar gynlluniau amaeth-amgylchedd, newid hinsawdd, pysgodfeydd, rhywogaethau ymledol estron a chyfrannu at ymatebion i ymgynghoriadau statudol a chyngor ar ddatblygiadau morol gan gynnwys prosiectau seilwaith cenedlaethol eu harwyddocâd).
- Cynnal y fframwaith cyfreithiol e.e. cyngor ar asesiadau amgylcheddol, trwyddedu rhywogaethau, caniatâd etc.
- Gweithio mewn partneriaeth (e.e. Partneriaeth Bioamrywiaeth Cymru a'r prosiect Llwybrau Rhywogaethau Ymledol Estron Morol).
- Arddangos arfer gorau.
- Cynnal a gwella monitro, gwyliadwriaeth ac adrodd ar newid amgylcheddol (e.e. rhaglen fonitro Ardal Cadwraeth Arbennig rhynglanw ac o dan y llanw).
- Ymgysylltu â'r cyhoedd.

Mae gennym gyfrifoldeb statudol hefyd i gyflwyno ar sawl Cyfarwyddeb Ewropeaidd a chyfrifoldebau i weithredu deddfwriaeth y DU.

Rydym yn datblygu rheolaeth adnoddau naturiol integredig ac yn profi gweithrediad y dull rheoli ar lefel yr ecosystem gyda'r nod o gryfhau'r amgylchedd yng Nghymru er mwyn i bobl, rhywogaethau ac ecosystemau allu addasu'n well i heriau megis newid hinsawdd.

Mae ffocws llawer o'r gwaith hwn ar wella bioamrywiaeth, y deallir yn helaeth ei fod yn sail i wydnwch ecosystemau ac felly i weithredu a chyflwyno gwasanaethau.

Mae hyn yn cynnwys:

- Cynhyrchu Fframwaith ar gyfer y Dull Rheoli ar Lefel yr Ecosystem.
- Hyfforddiant mewnol ac allanol ar y dull rheoli ar lefel ecosystem.
- Gweithio er mwyn datblygu modelau rhwydwaith cynefinoedd a rhywogaethau gan ystyried y safleoedd gwarchoddedig a'r cefn gwlad ehangach.
- Sefydlu tair ardal brawf Cyfoeth Naturiol Cymru a fydd yn cael eu defnyddio i profi'r dull rheoli ar lefel yr ecosystem ar draws ein gweithgareddau gan gynnwys yr amgylchedd morol (dalgyloedd Dyfi, Tawe a Rhondda a'r moroedd cyfagos).
- Cymhwysu'r modelau cynefin a rhywogaeth er mwyn datblygu'r fethodoleg, gan gynnwys adeiladu cydnerthedd ecosystemau a chyfrannu at ddatblygu rheolaeth adnoddau naturiol yn yr ardaloedd prawf.
- Cefnogi gweithgarwch y dull rheoli ar lefel yr ecosystem a gyflwynir trwy Dîm Cynnal Partneriaeth Bioamrywiaeth Cymru megis y prosiect Tystiolaeth.
- Mae ffocws newydd i'r arian allanol ar gefnogi partneriaid i gyflwyno'r dull rheoli ar lefel yr ecosystem, e.e. Cronfa Ecosystemau Gwydn Llywodraeth Cymru, y

Rhaglen Cyflwyno Bioamrywiaeth Ddyfrol a'r Rhaglen Creu Cynefinoedd Rheoli Perygl Llifogydd.

- Bydd cefnogi gwaith amlasiantaeth yn arbennig o ran gweithgarwch gwyliadwriaeth ac ymchwilio'n gwella ein gallu i gyflwyno'r dull rheoli ar lefel yr ecosystem a monitro cynnydd.

Rydym yn cyfrannu at ddatblygu Strategaeth Bioamrywiaeth gyntaf Cymru – Cynllun Adfer Natur – trwy gynrychiolaeth ar Fwrdd Strategaeth Bioamrywiaeth Cymru. Nid oes gennym fframwaith ffurfiol ar hyn o bryd er mwyn cyflwyno nac adrodd ar dargedau bioamrywiaeth felly bu'r cam cyntaf yn mapio'r gweithgarwch presennol yn erbyn targedau'r Confensiwn ar Amrywiaeth Fiolegol a'r Undeb Ewropeaidd er mwyn datblygu man cychwyn. Bydd y gwaith hwn yn hysbysu ein cyfraniad at y Cynllun Adfer Natur, a fydd yn cynnwys camau, monitro ac adrodd ac yn darparu'r fframwaith hwn.

Rydym wedi dechrau'r broses o archwilio a chasglu data ar gyfer y cylch nesaf o adrodd ar Eitem 17 ar y Gyfarwydddeb Cynefinoedd. Mae hwn yn ymrwymiad statudol sy'n ofynnol bob chwe blynedd. Yn ogystal, datblygwyd adroddiadau er mwyn cefnogi ymrwymiad adrodd y DU i'r Confensiwn ar Amrywiaeth Fiolegol.

## 8.2 Adroddiad ar Sefyllfa Byd Natur

Cynhyrchwyd dau nodyn gwybodaeth:

1. Gwybodaeth a gynhyrchwyd cyn lansiad ymateb Llywodraeth Cymru i'r Adroddiad ar Sefyllfa Byd Natur yn Sioe Amaethyddol Llanellwedd ym mis Gorffennaf 2013 (Atodiad 8.2).
2. Argymhellion rhagarweiniol ar gyfer cwmpas ecolegol Strategaeth Bioamrywiaeth Cymru ac arian posibl y dyfodol ar gyfer bioamrywiaeth ym mis Medi 2013. Roedd hwn yn nodi dwy her ecolegol allweddol a chamau y gallwn eu cymryd i fynd i'r afael â'r rhain. Mae'r heriau'n cynnwys diffyg (neu oedran) data cychwynol ar gyfer nifer o rywogaethau a chynefinoedd a'r angen am ddull gweithredu strategol er mwyn mynd i'r afael â hyn ac adrodd arno (Atodiad 8.2.1).

Rydym hefyd wedi rhoi cyngor ar ddatblygu dau weithgaredd ymateb allweddol Llywodraeth Cymru:

1. Y Gronfa Natur - Cyngor i Lywodraeth Cymru ar ddatblygu pecynnau ar gyfer y Gronfa Natur, gwerth £6 miliwn.
2. Gwella Data – rydym yn gweithio gyda Llywodraeth Cymru ar wella'r dystiolaeth oherwydd roedd diffyg data'n fater allweddol a nodwyd yn yr Adroddiad ar Sefyllfa Byd Natur.

Mae hyn yn cynnwys:

- gweithio gyda chynlluniau'r DU i gynyddu lefelau cyfranogiad yng Nghymru, e.e. y rhaglen Monitro Ystlumod Genedlaethol.
- rhoi cyngor i Lywodraeth Cymru ar ddatblygu'r Hwb Data.
- ymgysylltu â'r Bartneriaeth Sefyllfa Byd Natur ar gynlluniau adrodd yn y dyfodol.

### **8.3 Cam 2 adolygu amddiffynfeydd arfordirol Cyfoeth Naturiol Cymru**

Ers i ni gyflwyno'r adroddiad Cam 1 i Lywodraeth Cymru ar ddiwedd mis Ionawr, rydym wedi parhau i adeiladu ar y gwaith hwn ac i gasglu gwybodaeth sy'n ein galluogi i ymateb i ofynion Cam 2 a osodwyd gan y Gweinidog. Mae hyn yn cynnwys ystyried y gwersi ehangach a ddysgwyd o'r llifogydd arfordirol yn gynnar ym mis Rhagfyr 2013 yng ngogledd Cymru ac effeithiau mwy pellgyrhaeddol y stormydd yn gynnar ym mis Ionawr 2014. Mae'r gwaith hwn, dan gyfarwyddyd y Gweinidog yn cynnwys themâu:

- Modelu a rhagweld
- Ymateb gweithredol awdurdodau rheoli perygl
- Perfformiad amddiffynfeydd, adeiladau yr effeithiwyd arnynt ac amcangyfrifon y rheini sydd wedi'u hamddiffyn
- Effeithiau ar seilwaith a gwydnwch yn erbyn llifogydd yn y dyfodol
- Gwersi a ddysgwyd, er mwyn i ni fod yn fwy parod ar gyfer digwyddiadau yn y dyfodol.

Rydym wedi cael nifer o gyfraniadau a sylwadau gwerthfawr gan bartneriaid proffesiynol. Mae'r rhain yn cynnwys yr holl awdurdodau lleol morwrol a gweithredwyr seilwaith allweddol, yn ogystal â chyfraniadau gan y gymuned leol naill ai trwy ein partneriaid proffesiynol neu'n uniongyrchol trwy ein rhwydwaith o wardeniaid llifogydd a chysylltiadau lleol. Rydym yn parhau i gasglu a gwerthuso'r dystiolaeth hon a byddwn yn llunio adroddiad drafft ar hyn er mwyn ei gyflwyno i'r Gweinidog ar ddiwedd mis Ebrill.

### **9. Ymgysylltu â Rhanddeiliaid**

Cymeradwywyd ein strategaeth Ymgysylltu â Rhanddeiliaid yn Strategol gan ein Bwrdd ym mis Mai 2013 (Atodiad 9).

Rydym yn parhau i weithio gydag ystod eang o randdeiliaid ac yn cyflwyno bwletin rheolaidd o'r enw 'Cyfoeth' iddynt.

Cyfoeth Naturiol Cymru  
23 Ebrill 2014



## Annex 1

### Natural Resources Wales – one year on

April 1, 2014 marks the first anniversary of the creation of Natural Resources Wales.

Our first year has seen us lay the foundations for the future and begin to build the organisation that can deliver for the environment, people and economy of Wales. Our focus has been on continuing to deliver our core business as well as ensuring that we are an organisation that is fit for the future.

We have begun considering how we manage the environment in a joined up way, considering all the issues in a geographical location and all the different options available for managing these, how we can streamline our business processes, and how we respond to the challenges of the future as an efficient and professional organisation.

It is early days and there is still much to be done; we are realistic about the challenge this presents, but also optimistic that we have the commitment, skills and expertise to make it happen. Expectations for the new organisation were really high, but we are pleased with the progress we have made during the first year of Natural Resources Wales.

Some of the main successes and challenges of the first year include:

#### **1. Dealing with the wettest winter and harshest coastal storms to hit Wales in decades.**

- Despite spectacular television images and some flooding, flood defences kept an estimated 74,000 homes safe, meaning less than 1% of properties that potentially could have flooded were affected.
- This year we have invested more money than ever in Wales - £38m - to reduce the risk of flooding for people and their homes.
- Flood schemes built in the last year alone have improved the level of protection for more than 1,000 properties.
- During the storm in January alone, we issued more than 100 Flood Warnings to more than 28,000 properties that were at risk.
- During the December and January storms we used our Twitter account (@NatResWales) to warn people - reaching an estimated 5.2 million accounts and a 40 percent increase in followers to the @NatResWales account.

### **2. Completion of the LIFE project - one of Europe's largest projects to restore fens.**

- This work is part of our ongoing wetland restoration work which helps improve wildlife habitats and water quality and reduce flood risk.
- The LIFE project restored approximately 1,850 acres (the size of 1,000 football pitches) of fens on Anglesey and the Llŷn Peninsula.
- Work to restore 7,200 hectares (17,791 acres) of The Berwyn and South Clwyd Mountains and Migneint-Arenig-Dduallt Special Areas of Conservation involved blocking up 485km of drains and removing non-native trees from 5,982 hectares (14,781 acres) of the sites.
- The Snowdonia and Hiraethog Peat Bog Restoration Project - a joint project between ourselves and Snowdonia National Park Authority, RSPB, Welsh Water and the National Trust – will restore over 450ha (the equivalent of 600 football pitches) of wetlands.
- Peatland restoration has major benefits for climate change. Peatlands in good condition not only store carbon but also capture more carbon from the atmosphere through peat growth. Degraded or damaged peatlands release greenhouse gases into the atmosphere.
- In peak condition peatlands store thousands of tonnes of carbon dioxide, reducing Wales' impact on climate change. Around half of Wales' carbon is stored in wet soils, but this is released into the atmosphere if they become polluted or dry out.

### **3. Dealing with the effects of P Ramorum. So far almost 2 million infected larch trees covering almost 2,000 hectares have been felled since 2010**

- Felling work has been carried out in a way to minimise the impact on people who use and visit the mountain bike trails, visitor's centres and walks at places like Garwnant, Bwlch Nant yr Arian and the Afan Forest.
- We have committed £2.5 million to tackle the disease by felling infected areas and trialling a pioneering treatment to inject infected trees with a herbicide to prevent further spread.
- A new strategy was put in place in January to slow the spread of the disease. Based on modelling from Cambridge University it involves felling trees around the outskirts of the infection, rather than in the core areas.
- Where infected trees are felled, we replant new tree species to make future woodlands more diverse, more resilient to disease, more attractive places to visit and maintaining a good supply of wood for the timber trade.
- In the last 18 months we have replanted 750,000 trees across Wales.



### **4. Announcing new guidance for hydropower schemes to be developed in Wales.**

- New guidance means we support sustainable small-scale, renewable energy generation while protecting our rivers and wildlife.
- A new assessment checklist has been developed that allows developers to consider how much water could be available on certain rivers before they consider applying for the necessary permissions.
- We are making the whole application process simpler and faster for developers to get approval for sustainable hydropower schemes.
- We have provided additional guidance to help hydropower developers to develop sustainable schemes in the right places, which are designed and operated in the right way.
- A hydropower working group consisting of developers, community groups, angling groups and other environmental organisations has been established to help the industry develop sustainably for the long term.
- Hydropower in Wales has the potential to make a real difference for farmers, landowners and community groups, to help their economic and environmental sustainability on a local level.

### **5. Conducting a review into salmon stocking activities and its operations at four hatcheries where new fish stocks are reared.**

- Evidence from scientific studies suggests that hatchery-reared young salmon have a much lower survival rate than young wild fish, and in some cases introducing them into a river can potentially harm existing wild salmon populations.
- The review recommends ending salmon stocking and using the money saved to help salmon stocks more effectively.
- Any money raised from the sale of the hatcheries would also be used in other ways to improve fisheries in the areas which have previously been stocked. This could include improving habitats or opening up new migratory routes.
- Salmon are important both culturally and economically to Wales, but they are also a protected species and some rivers are designated as Special Areas of Conservation specifically for their wild salmon.

### **6. Llanelli laboratory**

- We operate a laboratory in Llanelli, which now has full laboratory accreditation. This is the fastest ever accreditation of a laboratory of such size and complexity. This will allow us to maintain and create high skilled jobs in Wales.

## Annex 1 – NRW One Year On – Successes and Challenges

- The laboratory currently delivers analysis in marine monitoring and microbiology, for example analysis of bathing water sampling in Wales (which contributes to the Blue Flag scheme), pollution response (i.e. support for pollution incidents such as slurry spills, fish kills) and air quality sampling as part of our response to major incidents.
- The laboratory uses the very latest in chemical and environmental analysis tools, is considered a centre of excellence and trains delegates from across Europe.
- The laboratory offers a mobile air monitoring service, which can be deployed 24 hours a day, seven days a week.
- The laboratory now delivers an air quality data gathering service for the whole of Wales. It plays an important role in the response to fire and chemical related emergencies. As well as supporting the Fire & Rescue services in managing the environmental impacts of incidents such as fires at waste sites at Llandow and Nantyglo and the Fforestfach tyre fire in Swansea in 2011, it also collects air quality data to enable our health partners to determine possible health impacts.
- Wales used to pay £2M per year to send Welsh samples to the Environment Agency's labs in England. The start-up cost of the laboratory was £1.25M, but the laboratory is now saving £0.22M per year.

### 7. Corporate Plan

- Natural Resources Wales has consulted widely on its plans for the future and this has formed the basis for the organisation's first Corporate Plan.
- To develop this Corporate Plan, we have gathered a wide range of information and evidence from our staff, our stakeholders, our customers, and the people of Wales.
- Last year we ran a series of events and a public consultation on our ideas, priorities and how we can work better together in future. We were pleased with the level of response and the broad support for our proposals. We have used this information to develop our Corporate Plan, which is published on our website.
- The three-year Plan sets out five programmes of work: 'Good Knowledge'; 'Good for the Environment'; 'Good for people'; 'Good for the economy'; and 'Good organisation'.
- Our annual Business Plan for 2014/15 is also available on our website.

### 8. Natural Resource Management

- We have begun the task this year of planning how we turn the ambition of adopting an ecosystem approach to the way we manage our natural resources, into reality.
- We are trialling a more joined-up 'whole catchment' approach in three areas at the moment (the Dyfi, Rhondda and Tawe), with a view to learning from these and

## Annex 1 – NRW One Year On – Successes and Challenges

adapting how we work across Wales accordingly. This is in response to the proposed duties for NRW in the Environment Bill White Paper for Area-Based Natural Resource Management.

- The three trial areas include a mixture of environmental, social and economic pressures found across Wales. They vary in the size of population identified with the place, the number of local authorities within the area and the amount of control we have over the land management.
- In the Rhondda, the Welsh Government Woodland Estate accounts for approximately 40% of the whole catchment, whereas for the Tawe, this is about 3%. In addition, the Dyfi and Tawe link with the marine environment, and so the three areas have different challenges which offer an opportunity for learning.

### 9. Summary

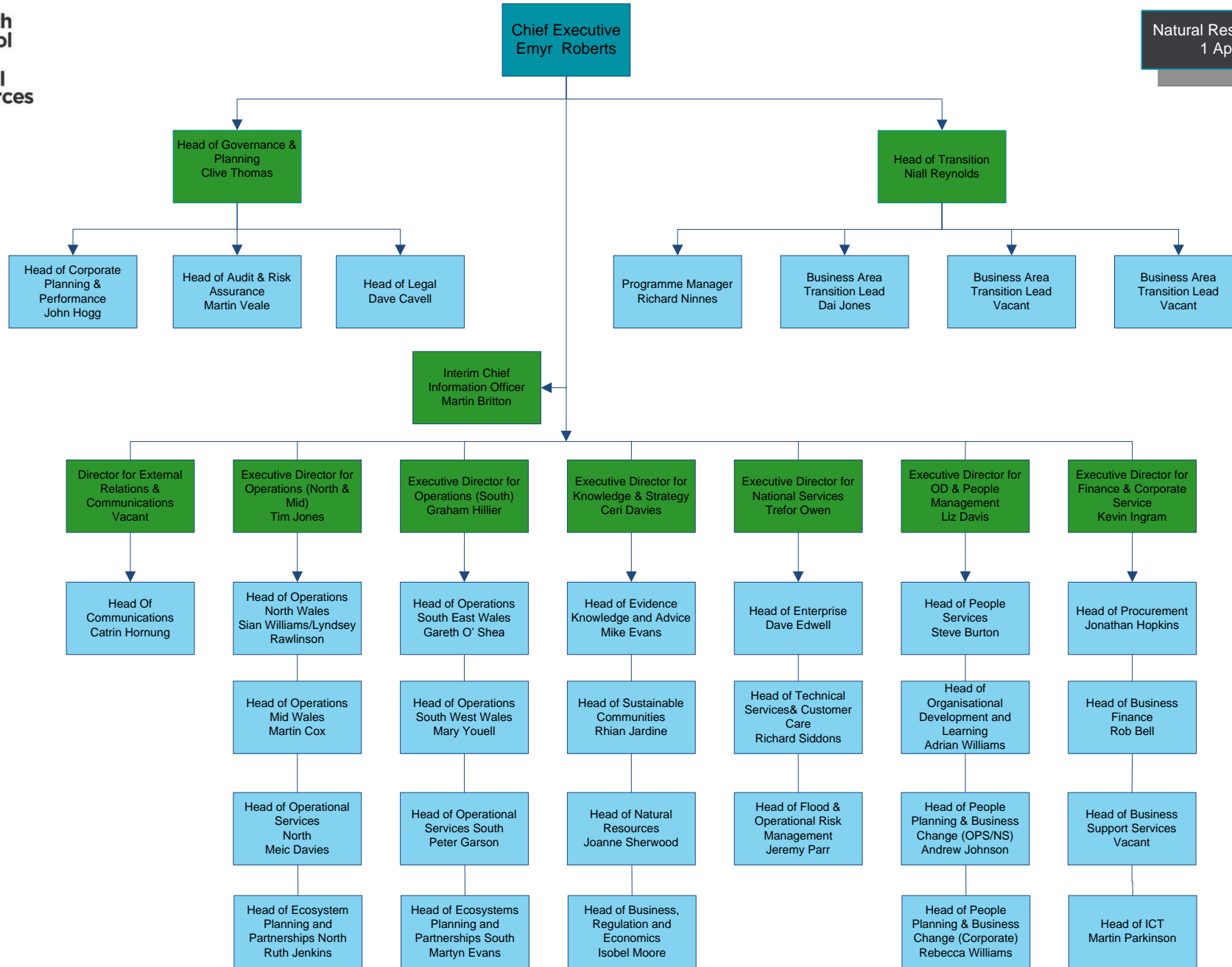
Over the last 12 months we have established a platform for the future which will allow us to improve the environmental, economic and social outcomes for Wales by turning the ecosystems approach into a reality by combining the strengths of our legacy organisations into one organisation delivering multiple outcomes.

Natural Resources Wales  
23 April 2014

# Annex 2 – NRW Exec Manager organogram



Natural Resources Wales  
1 April 2014



Tudalen y pecyn 18

# Board Paper

12<sup>th</sup> February 2014

<b>Paper Title</b>	<b>Corporate Dashboard – Second Report August to December 2013</b>
<b>Paper Reference:</b>	<b>NRW B O 4.14</b>
<b>Paper Sponsored By:</b> <b>Paper Authored By:</b>	<b>Ceri Davies</b> <b>John Hogg</b>

<b>Purpose of Paper:</b>	To consider the second report of the Corporate Dashboard for August to December of 2013/14.
<b>Recommendation:</b>	The Board is requested to: <ul style="list-style-type: none"> <li>• Endorse the performance as given in the Corporate Dashboard so it can be reported to the Minister for Natural Resources &amp; Food.</li> </ul>

<b>Impact:</b> To note – all headings might not be applicable to the topic	<p><b>Impact on the Environment:</b> The Corporate Dashboard indicates progress against our priorities for the first year for the environment</p> <p><b>Impact on the Economy:</b> The Corporate Dashboard indicates progress against our priorities for the first year to support the economy</p> <p><b>Impact on Community:</b> The Corporate Dashboard indicates progress against our priorities for the first year to support communities</p> <p><b>Impact on Knowledge:</b> The Corporate Dashboard provides evidence in support of decision making for the organisation and its work</p>
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## **Issue**

1. The Corporate Dashboard demonstrates our performance in delivering the priorities of the Business Plan and Remit Letter. This paper provides information on performance for the period August to December 2013.

## **Background**

2. The Corporate Dashboard and reporting process was approved for use in monitoring performance against the 2013/14 Business Plan by the Board at its meeting on 9 July 2013. The first report of the Corporate Dashboard, for April to July 2013, was considered at the Board meeting on 4 September 2013. Subsequently a Board sub group reviewed the Corporate Dashboard to offer advice on improving the way the Corporate Dashboard operates. The Corporate Plan 2014-17 and Business Plan 2014/15 will develop a separate Performance Framework using the experience of the first year's Corporate Dashboard.

3. The Corporate Dashboard, in annex 1, displays performance information on 46 prioritised measures. In annex 2, we provide 10 summary reports that give detail on what has been achieved and what is still left to do.

4. The Executive Directors have scrutinised performance for all 46 measures, and have considered the advice of the Board sub group to deliver a Corporate Dashboard which permits a greater level of scrutiny by the Board.

5. The Board has a governance role in scrutinising performance of the organisation and holding the executive to account. The Board additionally has a role in reporting performance to the Minister for Natural Resources & Food.

## **Proposals and Next Steps**

6. The Board is requested to note the performance across the 46 measures:

- 28 green (previously 30);
- 15 amber (nearly (within 10%) on target) (previously 14);
- 3 red (indicating we are not where we planned to be) (previously 2).

7. Points to note in relation to the performance measures are as follows:

- The updating of Natura 2000 Management Plans is reported red and expected to be red at the year-end. The staff time used to undertake this has been diverted to address the significant volume of delayed input to Glastir agreements which supports Welsh farmers and delivers direct environmental improvement. The

Glastir work is time limited and would have affected payments to farmers and land managers. Our Management Plan updating is not subject to statutory deadlines but we will re-prioritise this work next financial year so we are green by year end.

- Our response to planning consultations is reported red, but expected to be amber at the year-end as we continue with efforts to improve the service.
- We are handling our work on Habitats Directive advice by forming project teams to address specific cases so that we give 'single voice' advice on new developments in sensitive locations. Legal advice is being sought to assist in developing the guidance.
- The reporting of Health and Safety lost time incidents was red in the previous period, but is now green. We are continuing to develop this measure following previous Board feedback, which includes reviewing the way information is collected. We are not complacent and recognise this, along with how we report absence, may be under reporting. We are stepping up our actions to reinforce with all staff the reporting requirements using legacy systems until unified systems are implemented.

8. The Board is requested to endorse the performance as given in the Corporate Dashboard so it can be reported to the Minister for Natural Resources & Food. It will additionally be issued to Sponsorship officials within the Minister's department, who will advise the Minister and share with other relevant Ministers.

9. The Executive Directors have carried out accurate reporting along with robust review and challenge in completing the dashboard. In performing their scrutiny role, Executive Directors have reviewed and recalibrated targets where appropriate, and these are noted on the Corporate Dashboard. This, and the drawing out of the issues of Ministerial Priorities, our reputation and our partnership engagement, reflects the advice given by the Board sub group.

### **Risks**

10. Without proper scrutiny of our performance there is a risk that we would fail to deliver the priorities of our business plan which would lead to damage to our reputation.

### **Financial Implications**

11. There are no significant financial implications in providing this performance report.

### **Legal and Compliance Issues**

12. The Board has a legal duty to oversee and direct Natural Resources Wales and is accountable to Welsh Government.

### **Communications**

13. The Corporate Dashboard requires communication to the Minister for Natural Resources & Food.

14. A copy of the Corporate Dashboard performance will be placed on the Natural Resources Wales Website to inform the public.

### **Equality impact assessment (EqIA)**

15. Not Applicable

### **Index of Annex**

Annex 1: Corporate Dashboard (August to December 2013)

Annex 2: Corporate Dashboard Summary Reports



# Natural Resources Wales Corporate Dashboard



Reporting period: August - December 2013

Tudalen y pecyn 23

## Transition and Transformation

	Previous	Trend	Current	Future	Target	Current achievement
We become independent and have the capability to end reliance on Environment Agency and Forestry Commission services	Amber	-	Amber	Amber	[-] Hit Dec milestones and exit EA ICT in May 14	Milestones 85% on track, but significant ICT issue
We make 3-into-1 efficiencies and generate savings	Amber	-	Amber	Amber	[-] Set up £90m of savings	£80.5m savings forecast
We have a new approach to natural resource management	Amber	-	Amber	Green	[-] Draft position statement in 2014/15	Consultation response underway
<u>We benefit regulated customers through a one-stop shop and our handling of casework</u>	Amber	↑	Green	Green	[-] Planning, permitting & enforcement improvements	Improvements on target

## People management

	Previous status	Trend	Current status	Future status	Target	Current achievement
We manage our staff numbers	Green	-	Green	Green	1,850 FTE (March 2015)	2,058 FTE (November 2013)
Our staff receive mandatory training	Amber	↑	Green	Green	[-] Skills audit completed	Skills audit completed
We manage absence levels	Amber	↑	Green	Amber	7 average days lost per employee (3.1%)	4 average days lost per employee (2.6%)
<i>We reduce health, safety and wellbeing lost time incidents</i>	Red	↑	Green	Green	[-] < 84 Lost time incidents	5 Lost time incidents

## Financial management

	Previous status	Trend	Current status	Future status	Target	Current achievement
We maintain a low level of debt	Green	-	Green	Green	<= 1.5% of billed charge income (by March)	Current debt 9%, but on target for year-end
We deliver value for money when procuring goods and services	Green	↓	Amber	Green	£500,000 in efficiencies (by March)	£321,000 in efficiencies (to December)
[R] Our payment terms achieve Welsh Government benchmarks	Green	-	Green	Green	>= 95% invoices paid within 30 days	98% invoices paid within 30 days
Our expenditure is on track	Red	↑	Amber	Amber	+/- 2% of profiled expenditure in year	-3.5% of profiled expenditure
Our income is on track	Green	-	Green	Green	-2% (or better) profiled income in year	-0.3% profiled income

## Service standards

	Previous status	Trend	Current status	Future status	Target	Current achievement
More of our staff speak Welsh	Amber	↑	Green	Green	Implement Welsh Language scheme	Bilingual skills audit completed
[R] We respond to information requests on time	Green	-	Green	Green	80% of all enquiries resolved within CCC	95% of all enquiries resolved within CCC
[R] We learn lessons from customer feedback (and have fewer complaints)	Green	↓	Amber	Green	60% resolved at informal stage	45% resolved at informal stage
[R] We provide a comprehensive online service to our customers	Green	-	Green	Green	Ranked top 1/3rd for Central Gov Websites	Ranked top 1/3rd for Central Gov Websites

**Key:**

<b>trend columns:</b>	An up arrow indicates an improvement since the last assessment	↑
	A flat line indicates no significant change since with the last assessment	-
	A down arrow indicates a decline since with the last assessment	↓
<b>status columns:</b>	This indicates we are not where we planned we should be	Red
	This indicates we are nearly on target (within 10%)	Amber
	This indicates we are on target	Green
<b>font styles:</b>	Ministerial priorit:	<b><u>Bold, underlined</u></b>
	Related to an area of Corporate Risk	<i>Italic</i>
<b>tags:</b>	Reputation related measures	[R]
	Partnership working related measures	[P]
	Suggested change in target/wording, following Board member feedback regarding last Corporate Dashboard report	[-]

**Notes:**

- The Corporate Dashboard shows the performance position for headline measures
- The Corporate Dashboard is supported by progress reports to the Executive Directors Team
- The Corporate Dashboard is also supported by summary reports to the Board

## Environmental Quality

	Previous status	Trend	Current status	Future status	Target	Current achievement
[R] There are fewer serious environmental incidents	Amber	-	Amber	Green	[-] 100% of serious incidents attended on time	97% of serious incidents attended on time
<i>We resolve issues at "high public interest" sites</i>	Green	-	Green	Green	HPI plans in place on time	No new specific HPI plans required
We deliver marine and protected species licensing	Green	↓	Amber	Green	95% Licenses determined on time	94% Licenses determined on time (324 of 344)
We issue licences on time	Amber	-	Amber	Amber	95% Licenses determined on time	92% Licenses determined on time (2,279 of 2,467)

## Environmental Resilience

	Previous status	Trend	Current status	Future status	Target	Current achievement
<i>We provide environmental evidence and enable sustainable development in energy projects</i>	Green	-	Green	Amber	[-] Evidence provided on time (100%)	Evidence provided on time
<i>We provide evidence to planning inquiries and progress planned development</i>	Green	↓	Amber	Amber	[-] Evidence provided for inquiry on time	
<i>We update Natura 2000 Core Management Plans</i>	Green	↓	Red	Red	Revised plans published on time	Revised plans will not all be published on time
We maintain woodland certification for the Welsh Government Woodland Estate	Amber	-	Amber	Green	100% of audit actions resolved	80% of audit actions resolved
<i>We respond to statutory planning consultations on time</i>	Amber	↓	Red	Amber	90% integrated responses to LPAs on time	76% integrated responses to LPAs on time
<i>We give expert advice on Habitats Directive</i>	Amber	↓	Red	Red	Written guidance consolidated on time	Written guidance not consolidated on time

## Natural Resource based jobs and Enterprise

	Previous status	Trend	Current status	Future status	Target	Current achievement
<u>We increase the number of visitors to our key sites</u>	Green	-	Green	Green	50,000 extra visitors	50,650 extra visitors
<u>We help to deliver actions in the Wales Coastal Access Improvement Plan</u>	Amber	↑	Green	Green	[-] Publish report on Wales Coast Path	Published report on Wales Coast Path
Timber is offered to market	Green	-	Green	Green	860,000 m3 of Timber (by Feb)	807,000 m3 of Timber (by Dec)
More woodland estates are thinned	Green	-	Green	Green	2,500 hectares of woodland (by March)	1,700 hectares of woodland (by Nov)
<i>Management plans for the Dee and Burry Cockle Fisheries are in place</i>	Green	-	Green	Amber	[-] Draft plans submitted to Welsh Government	Draft plans submitted to Welsh Government
We further develop our enterprise capabilities	Green	-	Green	Green	[-] Strategy and revenue forecast completed	Enterprise strategy approved

## Flood Risk and Incident Management

	Previous status	Trend	Current status	Future status	Target	Current achievement
<i>We manage outbreaks of plant health pests and diseases</i>	Green	-	Green	Green	[-] 95% SPHNs served on time	96% SPHNs served on time, 11% comply with these
<u>We deliver innovative flood risk management solutions</u>	Green	-	Green	Green	Action plan produced	Action plan produced
We improve protection from flooding to more properties	Green	-	Green	Green	500 more households and businesses	652 more households and businesses
We protect more people from flooding in high risk locations	Green	↓	Amber	Green	Asset at target condition (99% for high risk)	Asset at target condition (97.6% for high risk)
We increase flood warning coverage in high risk communities	Green	↓	Amber	Green	58.2% people registered	56.7% people registered
We help manage the risk of tidal surge flooding	Green	-	Green	Green	Evidence provided	Evidence provided

## Health, Wellbeing and Community Involvement

	Previous status	Trend	Current status	Future status	Target	Current achievement
<u>We identify specific actions to improve Wales' urban environment</u>	Green	↓	Amber	Green	[-] Draft strategy by March for Board subgroup	Strategy being developed following Board discussion
[P] <u>We help deliver the Rights of Way Improvement Programme</u>	Green	-	Green	Green	ROWIP external evaluation completed	ROWIP external evaluation completed
[P] <u>We complete the iTree Eco project and partnership tree planting pilots</u>	Green	-	Green	Green	[-] iTree Eco project data analysis complete	iTree Eco project data analysis complete
[P] <u>We help deliver the Come Outside Project</u>	Amber	↑	Green	Amber	[-] Implemented Stage 2 workshops	Implemented Stage 2 workshops
<u>We encourage more people to prepare for flooding</u>	Green	-	Green	Green	16,000 more people more aware	9,902 are more prepared and 8,190 are more aware

## Understanding our impact

	Previous status	Trend	Current status	Future status	Target	Current achievement
We provide evidence and advise on the Marine environment	Green	↓	Amber	Green	[-] Evidence provided on time	Marine SPA report preparation
We understand, and control, our own impact on the environment	Green	-	Green	Amber	[-] NRW is ISO14001 registered	NRW EMS in development

# Corporate Dashboard Summary Reports August to December 2013



## Portfolio: Transition and transformation

**Delivering benefit to regulated customers supports one of the four Ministerial Remit Letter priorities; supporting jobs and businesses.**

### What has been achieved:

1.1 Overall, the programmes associated with **becoming independent** and having the capability to end reliance on Environment Agency and Forestry Commission services are progressing. Some significant issues have arisen, particularly around building the Information Communication Technology access back into Environment Agency systems. These issues are being addressed by the programmes although they often require significant staff input to resolve.

1.2 The **Llanelli Laboratory** has been fully established on target, and in record time (United Kingdom Accreditation Service has not had a laboratory seek accreditation at this pace or scale before).

1.3 We have forecast that annual savings generated in 2013/14 and 2014/15 will accumulate at least £80.5M of **cash realisable benefits** towards the 10 year revised business case target of £127M. This is 89% of the £90M that the revised business case anticipated at this stage. Over half of the savings are expected to come through a staff Voluntary Exit Scheme that is forecast to save £36.8m over the first 10 years.

1.4 We have been providing advice and support to Welsh Government throughout the year, in particular on the **Environment Bill** White Paper published in October. We will continue to provide advice through the various groups we attend with Welsh Government.

1.5 To **benefit regulated customers** we now provide a single response to planning consultations. We have also developed a new operating model for Planning Advice, which we are on target to implement from 1 April 2014. We are making good progress towards streamlining for permitting applicants during 2014 and for compliance with Hampton principles. We are ready for audit by the Office of Surveillance Commissioners, having established our independent enforcement capability with secure Information Communication Technology, staff training and issue of our warrants.

1.6 The Gateway Reviews amber status gives assurance that the current programme can deliver our independent capability provided we resolve the Information Communication Technology issues.

### What is still to do:

1.7 We recognise that **Information Communication Technology is the highest priority** and are working closely with the Environment Agency to develop an action plan to tackle the current issues and implement the transition off Environment Agency's Information Communication Technology network.

1.8 Preparations are being made to exit 18 Environment Agency and Forestry Commission services by 31 March 2014. Options for transition of Flood Risk Management are being considered.

1.9 Solution design can now commence for the new **Human Resources and Finance System**, following contract signing at the end of January.

1.10 Implementation of the **Accommodation Strategy** to deliver accommodation related business case benefits can now commence, following approval of the strategy. This is a long term strategy delivering over five to ten years.

1.11 A position statement on **Natural Resources Planning** has not yet been drafted as the Environment Bill White Paper was not published until end of October 2013 and the priority has been to formulate and agree our response to the consultation. Drafting has begun in 2014.

1.12 The **cash realisable benefits picture** for 2013/14 and 2014/15 is only what we have achieved and forecast to date. There will be further savings to add when forecast is possible from current and new change initiatives. There will also be non-cash realisable productivity improvements to contribute to the business case overall financial benefit target of £158M.

## Corporate Dashboard Summary Report

### Portfolio: People management

#### What has been achieved:

- 2.1 The **Voluntary Exit Scheme** has now concluded with 100.8 full time equivalent staff members expected to leave by 31 March 2014.
- 2.2 We have delivered and collated data from our skills audit, identifying core mandatory **skills gaps** across the organisation. We are identifying lead coordinators for mandatory skills to help develop training.
- 2.3 We continue to achieve fewer **absences** than our target level.
- 2.4 We continue to progress a **Health, Safety and Wellbeing Policy** and have recorded fewer **Lost Time Incidents** than for the combined legacy bodies in previous year.

#### What is still to do:

- 2.5 Another “Invest to Save” bid is being submitted with a view to running another **Voluntary Exit Scheme** in the next financial year.
- 2.6 A core set of corporate Health and Safety skills has been identified and role specific mandatory **training** needs will be investigated by March 2014. We will develop a corporate training programme to ensure all staff are offered the training that meets their mandatory training needs.
- 2.7 Further development of the system for recording **absence** and **Lost Time Incidents** will be undertaken as they may be under reporting. We are stepping up our actions to reinforce with all staff the reporting requirements using legacy systems until unified systems are implemented.

## Corporate Dashboard Summary Report

### Portfolio: Financial management

#### Payment Performance contributes to our overall Reputation

#### What has been achieved:

- 3.1 **Debt levels and payment performance** remain within target and are in line with previous years. We expect this to continue.
- 3.2 **Income** is on target, and the front loaded nature of this means we expect this to continue. Welsh Government has approved Grant in Aid carry forward and an additional £2.5m for *Phytophthora ramorum* work.
- 3.3 We have achieved efficiencies of some £321,000 via our **procurement** activity. With contracts that remain to be let in the last quarter we are confident that we will be very close to the £500,000 target at year-end.

#### What is still to do:

- 3.4 **Expenditure** is 3.5% behind profile at the end of November. Main areas of underspend are on revenue projects (10.5%) and capital projects (13.2%). The capital project underspends are in the Flood and Coastal Risk Management Programme and on ICT infrastructure. Both are expected to catch up by the end of the financial year. We also have a projected year end deficit of £0.8m, and are targeting further savings from budgets to help eradicate this and take forward a positive balance to help next year's financial position.

## Corporate Dashboard Summary Report

### Portfolio: Service standards

#### Customer Care, Complaints and our Online Service contribute to our overall Reputation

##### What has been achieved:

4.1 All staff were asked to complete a **Welsh Language** training response. As a result of this, some 380 staff have requested Welsh language training.

4.2 We have set up a weekly monitoring and reporting process by the **Customer Care Centre** against their Service Levels for call and email handling. We have run our first major campaign registering farmers for agricultural waste exemptions as part of the Environmental Permitting (England and Wales) Regulations 2010, and have undertaken a mystery shopper assessment. At the time of writing this has only just been completed and we await the results.

4.3 Two late unresolved **complaints** have resulted in reputational issues with escalation via emails to Ministers, Welsh Government Officials and Board members. Based on this evidence, our 1 April 2013 interim approach to complaint handling has been found to have weaknesses and work to develop an agreed policy has been prioritised. We will adopt a policy based more clearly on the Public Service Ombudsman model process, with a simpler two stage process. This policy is founded on the principle of informal resolution at point of service delivery, backed up by 'Investigate once, Investigate well' if resolution is not achieved.

4.4 Our interim **intranet** and public **website** remain in place and work on these ensures our interim public face remains robust. The public website acts largely as a signpost, whilst the intranet contains a good deal of information, but has issues with content quality, bilingualism and site navigation. New website architecture, design elements and template shape have been created for both the intranet and the public website. Our core social channels are open [Facebook, Twitter, Flickr etc.], though they require much further engagement. Yammer rollout internally is progressing well.

##### What is still to do:

4.5 We will develop the Learning Programme for 2014/15, which will include both formal and informal **Welsh Language** training opportunities. Welsh language learning, will ensure we deliver targets as set out in the Welsh Language Scheme. Additionally, we will secure training for as many of those who want to learn Welsh as possible.

4.6 A short customer questionnaire is under development for early January 2014. This will help benchmark our service standards and be the first of annual **customer surveys**. The **Customer Care Centre** will be heavily involved in the transfer of the high volume permit exemption registrations plus the waste carrier and broker work from Environment Agency.

4.7 The first Annual Report to the Board on **Complaints Handling** is scheduled for May 2014.

4.8 We will carry over and further develop the public **website** products and build on these ahead of identifying any new publishing system from March 2014. Intranet development is ongoing, with the target launch date of March 2014. Our core social channels will be evolved and social publishing will be an

important element in our ongoing digital strategy, represented within the editorial board. We will aim to develop Yammer further, ensuring sufficient integration with the intranet.

## Corporate Dashboard Summary Report

### Portfolio: Environmental quality

#### Attending Serious Environmental Incidents contributes to our overall Reputation

##### What has been achieved:

- 5.1 We attended 97% (39 of 40) of **serious environmental incidents** (Category 1 and 2) on time (July – September 2013). As this measure is part of the overarching reputation issue we have established a Strategic Incident Management Group and are in the process of establishing Regional Incident Management Groups. These will be responsible for ensuring a consistent approach to incident management and ensuring that we comply with our duties under the Civil Contingencies Act.
- 5.2 Our register of **High Public Interest Sites** is up to date and all have plans.
- 5.3 Current performance in **issuing licences** and in issuing specific **marine licences** is slightly below profile. We consider that bringing overall licensing performance up to the 95% target will be difficult due to lower performance in our early months. Improvement plans were put in place earlier in the year and have delivered; with performance for three months (August, September and October) at 95% for all licences and 96% for marine licences.

##### What is still to do:

- 5.4 To ensure we comply with our duties under the Civil Contingencies Act we will be working to ensure consistency in our approach to **Incident Management** across the organisation through the process of restructuring.
- 5.5 We will undertake stakeholder feedback on handling of long term **High Public Interest Sites**.
- 5.6 We will maintain both the level of resource and the skills base used to **issue licences** to ensure the improvement plan delivers the performance target. Moving systems away from legacy systems will be an increasing part of the Permitting Services workload during the remainder of the year and for 2014/15. Our objective is to maintain the high level of performance whilst undertaking these changes. There are new regulatory functions, such as Industrial Emissions Directive, that we need to deliver whilst maintaining standards and performance. We will continue to standardise our approach to the permitting process to develop a single permitting service that delivers to a common set of principles and standards.



## Corporate Dashboard Summary Report

### Portfolio: Environmental resilience

#### What has been achieved:

6.1 This reporting period we have been engaged with 23 **Nationally Significant Infrastructure Projects**. Four of these are in pre-examination or examination during July-November 2013. A fifth project, where consent has been given, continues to require significant input. Forward forecasting shows over 10 projects expected to submit for examination later this year/early next year. Where there has been a statutory response needed, we have responded within deadline. We have successfully worked with the hydropower sector to revise the guidance which was launched on the 7 January 2014, and we have successfully provided clarification of our role and remit in onshore oil and gas, and the regulation of this sector. We have provided a formal response on the draft list of wave and tidal lease sites.

6.2 We continue to provide advice in preparing for the Mid Wales Conjoined **Public Inquiry** to meet the set timetable.

6.3 We are behind target in updating **Natura 2000 Core Management Plans**. Excellent progress has been made on 27 plans. However delays to reviewing and updating of 24 plans have been caused by prioritising Glastir management plan work which has an inflexible deadline and would impact on funding for the agricultural sector.

6.4 We continue to maintain our **woodland certification** with 80% of corrective action requests and observations from the 2012/13 audit completed on time. Three remain open, of which two will be closed by February 2014. We are in discussion with the auditor on the remaining action. The 2013 audit was successful, the full report is due after February 2014 but early indications are no major issues with some minor issues and observations which is in line with normal results.

6.5 **Responding to initial planning consultations** from Local Planning Authorities is below target. Resources have been redeployed to casework and high profile cases which means we have not been as proactive as we would have liked in securing decision notices and assessing if our advice has been effective. For those we have secured, we are showing that we are effective.

6.6 Consolidating written guidance on Article 6.3 and 6.4 of the **Habitats Directive** is proceeding and legal advice is being sought. A project team approach is being used to join the various arrangements and ensure internal consultations prepare 'single voice' responses. A number of workshops and training events have helped embed a common understanding of this approach.

#### What is still to do:

6.7 On **Nationally Significant Infrastructure projects** we will meet with the Planning Inspectorate to progress a Memorandum of Understanding, or equivalent, in early in 2014. Additionally we will undertake a lessons learned exercise from the withdrawn project "Atlantic Array", develop a program of work to test and implement process improvement options and deliver internal operational guidance needed. We will review the approach to pre-application and permitting of hydropower permits to identify efficiencies, provide greater clarity for customers and embed new ways of working.

6.8 Updating **Natura 2000 Core Management Plans** is a two year work programme, which, while important, does not have statutory deadlines associated with it. We will not complete 50% this financial

year and the target will still be red by the end of the financial year. We are considering how we can catch up by the end of 2014/15 financial year by re-prioritising this work so we are green by year end.

6.9 We have undertaken an analysis of the performance of our **response to initial planning consultations** since 1 April 2014 based on our best available information. Allowing for ‘initial start up’ the key conclusions of this review are:

- The average number of initial consultations being logged by the Customer Care Centre is 149 per week. The most we could expect would be 218 per week. These numbers appear stable and are not showing significant variation over time.
- We believe we have now a stable business process in operation. On average we turnaround our first response within 23 days but it could take as long as 45 days. These figures are predictable and are at present a true reflection of our current level of service we offer to our customers.
- The three key dependencies to turnaround are input, resource availability and process. Put simply we will only improve if we reduce the input, make better use of what we have and develop more efficient processes. These three dependencies will be our focus going forward.

6.10 Following sessions with the Environment and Economy Board Sub Group a paper went to the Board in December 2013 endorsing the proposed **approach to providing our planning advice**, including how we apply our statutory purpose and agreement on our strategic objectives for engagement in the planning system. We intend to produce and publish revised guidance to staff.

6.11 We are talking to our customers about our approach to **planning consultation responses**; we have had generally positive feedback and customers recognise that it will take a little time for new ways of working to bed in. We are seeking new opportunities to influence economic regeneration earlier in the process by establishing closer working relationships with key partners.

6.12 We will consider legal guidance and carry out a systematic appraisal of extant **Habitats Directive Advice** handling processes to identify any significant inconsistencies in handling, interpretation of relevant legislation, or documentation, and recommend any changes.

## Corporate Dashboard Summary Report

### Portfolio: Natural Resource based jobs and enterprise

**Increasing visitor numbers and delivering Coastal Access Improvements supports one of the four Ministerial Remit Letter priorities; access and recreation.**

#### What has been achieved:

7.1 To date we have had an extra 50,650 **visitors** at our Coed y Brenin centre. The end of year figures will give us a better indication of actual numbers.

7.2 Reports on the **Wales Coastal Path**'s benefits to business and the economy are complete and were formally published in November 2013. We continue to work with Welsh Government to manage delivery through to the year end, and in particular manage any potential carry-over of money, if deemed necessary.

7.3 We put to the **Timber Marketplace** 807,000 cubic metres as of end of December 2013 against the sale intention of 860,000 cubic metres. We sit with a six month forward sold position which is an industry norm for timber contracts. We expect to meet the year-end target.

7.4 We have **thinned** 1,700 hectares of **woodland** to end of November 2013 with a 50:50 split between our roadside and standing sales operations.

7.5 **Cockle Fishery Management Plans** have been submitted to Welsh Government for both the Dee and Burry inlet. At the Dee, a formal response from Welsh Government and Department for Environment, Food and Rural Affairs is awaited. The Burry Management Plan is likely to undergo the approval process in line with Welsh Government review of an "All Wales Cockle Strategy" in 2015/16. Final implementation will be subject to Ministerial approval. We are therefore unlikely to implement the plans in March 2014 as originally expected

7.6 Under the **Enterprise Framework** we have agreed heads of terms on four long term timber contracts, which should lead to multi-million pound investment and job creation in the timber industry within Wales.

#### What is still to do:

7.7 We will meet the target of putting **timber to market**.

7.8 We will complete the predicted total area of 2,500 hectares of **woodland thinning** although we will complete more in North Wales than South due to the different amounts of Larch disease. We intend to be more resilient on spatial thinning performance next year once risk register actions have been fully implemented.

7.9 We will implement the new **Cockle Fishery Management Plan** when approved. We will make amendments to the Burry Inlet Management Plan if required as part of the approval process.

7.10 In line with the **Enterprise Framework** we are researching the feasibility of new revenue opportunities in Field Sports, Country Pursuits and Fisheries.

7.11 We remain on target to deliver forecast revenue from **timber sales** this financial year taking account of the impact of *Phytophthora ramorum*.

## Corporate Dashboard Summary Report

### Portfolio: Flood Risk and Incident Management

**Delivering flood risk management solutions supports one of the four Ministerial Remit Letter priorities; Flood Risk Management.**

#### **What has been achieved:**

8.1 On 5 December 2013 we experienced a severe **coastal flooding event** along the North East Wales coastline caused by a combination of high tides, storm surge and wind/wave action. Initial indications suggest it was the worst event in over 20 years. We forecast the event, issued warnings to the public and professional partners including Network Rail, highlighted the risk in national and local media, briefed local authorities and the emergency services to allow them to prepare and respond on the ground. We checked our own defences and offered support to our partners responding to the flooding.

8.2 On 3 January 2014 we experienced another severe **coastal storm**, this time affecting communities along the West and South Wales coastlines. It was the worst event for this part of the Welsh coast in over 15 years with flooding affecting communities as a result of a combination of high tides, storm surge and powerful wind/wave action. Significant localised damage occurred in some communities, for example Aberystwyth. Again, this significant event was forecast, flood risk identified and early liaison carried out with professional partners. At the height of the morning tide on 3 January 2014 we had issued over 23,000 warning messages to those at risk. We also carried out repairs to our assets immediately after the storm so communities remained protected during subsequent, stormy high tides.

8.3 Surveillance of *Phytophthora ramorum* has continued and the early indications of a major increase in Larch areas affected by the **disease** have been confirmed with over 3000 hectares found so far this year. Due to this major increase, and its implications for practical disease management, we have made a proposal to Welsh Government to change the existing strategy and agree a new strategy. Surveillance has been continued at the *Chalara fraxinea* outbreak site in West Wales to understand the rate of development of the disease

8.4 An Action Plan for **innovation in flood risk management** in 2013-14, and beyond, has been developed and implementation has begun to take forward the application of the ecosystem approach by Flood Risk Management. The action plan has four distinct elements:

- Identifying Flood Risk Management's existing ecosystem approach delivery work.
- Identify and integrate (where relevant) Flood Risk Management into our ecosystem approach.
- Increasing Flood Risk Management understanding of the ecosystem approach, and innovative solutions/ working with natural processes and the potential for application of these techniques in Wales.
- Reviewing our Environmental Impact Assessment/Capital Programme procedures to increase Flood Risk Management's effectiveness and delivery of the ecosystem approach.

The action plan sits within our overall work programme on the ecosystem approach and helps promote integrated working. Implementation of the finalised action plan is now well under way and all actions are on schedule.

8.5 We have reduced the **risk of flooding** to 652 homes and businesses across Wales and met our target. We have completed projects at Crofty, Higher Ferry, Balderton Brook and Ystradgynlais.

8.6 56.7% of properties at risk of flooding are signed up to our **Floodline Warnings Direct** services.

8.7 At the end of November there has been a slight improvement on the number of our **flood risk assets** passing in High Risk Systems.

### **What is still to do:**

8.8 We are leading a **post flood review** for the December flooding in North Wales with input from Lead Local Flood Authorities at the direction of the Minister, Natural Resources and Food. We will identify lessons learnt from the coastal flooding in North Wales and we are expected to report in the spring. We have also been asked to lead an urgent review to provide an assessment of the damage caused to coastal defences during the January storm and the scale of repair works required. We are working with Welsh Government officials to determine the detailed scope of this review, recognising the importance is to provide an early assessment of damage and options for repair. The review will cover defences owned by ourselves, local authorities and other third parties.

8.9 A revised strategy for *Phytophthora ramorum* **disease** has been developed by our staff, with Welsh Government involvement, and accepted by the Welsh Government. We are awaiting an announcement from the Minister about the proposed strategy as well as the funding for 2014/15.

8.10 There are three **flood alleviation projects** due for completion: Prestatyn, Llanfair TH and the Fairbourne Flood Alleviation Scheme. These will reduce the risk of flooding to an additional 553 properties.

8.11 We have plans in place to sign up an additional 2410 properties. We predict that our end of year performance will be 58%. To achieve this we would need an additional 325 properties to sign up to **Floodline Warnings Direct**, have no further people de-register, and no changes to the extreme flood outline to achieve 58.2%. We have four new Flood Warning Areas: Llanyrafon, Dinas Powys, Porthmadog and Tremadog, which will be offered the services. We have four communities in South East Wales which will go through the Extended Direct Warnings and will be signed up unless they opt out.

8.12 **Flood Risk Asset** Inspections will be taking place following the recent tidal flood events to identify any damage sustained to our structures. There is the potential for asset performance figures to be affected.

## Corporate Dashboard Summary Report

### Portfolio: Health, wellbeing and community involvement

**Delivering rights of way improvements supports one of the four Ministerial Remit Letter priorities; Access and Recreation. Additionally, delivery of urban projects including iTree Eco and Come Outside! support a further Ministerial Remit Letter priority; Urban Environment.**

**Rights of way improvements, iTree Eco and Come Outside! all contribute to our overall partnership approach.**

#### **What has been achieved:**

9.1 We continue to deliver the legacy body projects, programmes and initiatives in **urban** areas. The Board have considered proposals for developing a future strategy.

9.2 **Rights of way improvement** work is ongoing and we ensure our local authority partners deliver in line with the programme conditions. An external review of the funding programme has been completed and recommendations for the future of the programme submitted to Welsh Government.

9.3 Alongside the **iTree Eco** project, a longitudinal, 3 year research project has been commissioned to assess the policy and wider attitudinal impacts of the survey on Wrexham's urban forest. Through documentary analysis and qualitative methods it will generate a description of the current policy setting in Wrexham prior to the information becoming available from the i-Tree survey.

9.4 A series of first and second phase **Come Outside!** workshops started in May, leading to the formation of Come Outside! Networks in Newport East, Cardiff West, Wrexham, Barry, Gwynedd, Caerphilly and Swansea. As a result of the workshops, delivery to beneficiaries has been initiated in Newport East and Cardiff West. Following initial meetings with relevant partners, scoping exercises have begun in Rhondda Fach and Merthyr Tydfil.

9.5 The Minister for Natural Resources and Food, visited communities in North Wales in September, to see the progress of the **Flood Awareness Wales** programme and the ongoing work to reduce flood risk in the area. The Minister met with representatives from DangerPoint – a charity that teaches children about the dangers of flooding. The Minister visited the interactive centre and saw our working model which simulates the flooding of a village, and teaches children how to respond safely. The Minister also visited Triangle wood Caravan Park, which has developed a flood plan for the site that advises on the actions visitors and staff should take during a flooding emergency.

9.6 In October 2013, we held 3 successful **Flood Warden Training** events in conjunction with professional partners, which were attended by 81 wardens. Many of these wardens played key roles within the recent North Wales Floods.

9.7 We have developed and launched a Cub & Scout **Flood Awareness badge**, which is promoted through all Wales networks, and encourages children to take practical actions to prepare for flooding as well as involving their parents. The first pack to complete the badge received their awards from Emyr Roberts, Chief Executive, in October 2013.

9.8 At the end of November 2014, 9,902 people are more prepared through our **Flood Awareness work**.

Tudalen y pecyn 37

### **What is still to do:**

9.9 A draft **Urban and Communities strategy** will be developed for consideration by a sub group of the Board before the end of March. Planning workshops have been held to establish high level urban Corporate Plan targets for 2014-15 and beyond. This will form the basis of a delivery programme and specific Contribution Statement actions. It will involve the use of datasets and mapping to support decision making about where to focus investment to deliver the greatest benefit for our most deprived communities and the environment.

9.10 We expect to complete and report on the **iTree Eco** survey as planned and start work on the iTree Eco Impact Assessment. We will complete, publish and launch the Wales Urban Canopy Cover report and continue to support Coed Aber tree planting work.

9.11 Subject to partner agreement, we will complete scoping, deliver workshops and establish **Come Outside!** networks in Merthyr Tydfil, Rhondda Fach, Bridgend, Rhyl and Torfaen. We will hold Monitoring and Evaluation Workshops subject to progress in each target cluster. We will continue to develop the ability of network members to deliver programmes of outdoor opportunities with target beneficiaries.

9.12 We are on track to meet this year's **Flood Awareness work** targets. We are currently reviewing and assessing how to make further improvements to our delivery, which include targeting strategic stakeholders.



## Corporate Dashboard Summary Report

### Portfolio: Understanding our impact

#### What has been achieved:

10.1 We continue to align our **marine** work programmes with Welsh Government's recently published Marine and Fisheries Strategic Action Plan and Marine Transition Programme. We have completed a report on our role in marine planning and resource management, including available evidence base. We are making progress on identifying our contribution to the programme of measures, which will be assisted by confirmation requested from Welsh Government of our role in delivery of all aspects of the Directive.

10.2 We have secured **ISO 14001 accreditation** for 2013 for 2 of the legacy elements. The new Environmental Management System documentation is 90% complete and a robust internal audit programme has been established. We have a baseline for reporting energy, water, waste, travel & CO2 emissions.

#### What is still to do:

10.3 We will finalise an audit of our contribution to the **Marine** Strategy Framework Document programme of measures and confirm our formal role in delivery across all aspects of this.

10.4 **Special Protection Area colony extension** consultation has commenced in January 2014. We will work with Welsh Government to agree a work programme for delivery of formal site proposals for further marine Special Protection Areas, and potentially also for harbour porpoise Special Areas of Conservation. We will continue to play an active role as part of the United Kingdom Marine Monitoring & Assessment Strategy Community, including the Marine Assessment and Reporting Group and associated Evidence Groups.

10.5 We have arranged external audits for **ISO14001** certification in March/April 2014. We will be setting 2014/15 Environmental Management System objectives & targets using the 2013/14 baseline data.



**Cyfoeth  
Naturiol**  
Cymru  
**Natural  
Resources**  
Wales

# Cynllun Corfforaethol

// 2014-2017



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## Rhagair

// Rydym ar siwrnai hir, nad yw ond yn dechrau...

Amgylchedd Cymru yw un o'n hasedau mwyaf gwerthfawr. Caiff ei drysori gan bobl Cymru a'r tu hwnt am ei fywyd gwyllt, ei dirweddau a'i forweddau, ac mae'n hanfodol oherwydd y gwasanaethau amrywiol y mae'n eu darparu - bwyd a dŵr, ynni, hyd yn oed yr aer yr ydym yn ei anadlu. Ein hamgylchedd yw'r man lle'r ydym yn byw, yn gweithio ac yn chwarae; mae'n rhan o'n diwylliant ac yn allweddol i'n ffyniant economaidd a'n hymdeimlad o gymuned. Mae gan bawb ohonom gyfrifoldeb i ofalu am amgylchedd Cymru, a'i hadnoddau naturiol, yn awr ac ar gyfer cenedlaethau'r dyfodol.

Ond mae'r rhain yn adegau heriol - mae effeithiau newid yn yr hinsawdd, y gostyngiad mewn bioamrywiaeth a statws ein hafonydd yn eistedd ochr yn ochr â materion fel gwella iechyd a lles pobl, mynd i'r afael â thlodi, a thwf gwyrdd - gan greu mwy o swyddi cynaliadwy i Gymru. Mae'r tywydd a gafwyd yn ddiweddar a'r achosion o glefyd coed llarwydd wedi crisialu rhai o'r sialensiau hyn inni. Mae angen inni allu defnyddio'n hadnoddau naturiol yn ddoeth ac effeithlon i wella ansawdd bywyd pobl Cymru, a chynyddu'r amrywiaeth yn ein hamgylchedd a'i gryfhau yr un pryd.

Rydym ni yn Cyfoeth Naturiol Cymru yn credu bod cyfle arbennig i ymateb i'r sialensiau hyn - nid ar ein pen ein hunain, ond drwy weithio gyda phartneriaid fel Llywodraeth Cymru, busnesau, y sector gwirfoddol, a chymunedau lleol. Gyda chynaliadwyedd yn egwyddor ganolog, gyda'n gilydd gallwn wneud Cymru yn genedl gryfach, mwy cydgyssylltiedig a mwy llewyrchus.

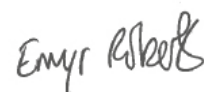
I ddatblygu'r Cynllun Corfforaethol hwn, rydym wedi casglu amrywiaeth eang o wybodaeth a thystiolaeth ynghyd oddi wrth ein staff, ein rhanddeiliaid, ein cwsmeriaid, a phobl Cymru. Y llynedd aethom ati i gynnal cyfres o ddigwyddiadau ac ymgynghoriad cyhoeddus ynglŷn â'n syniadau, ein blaenoriaethau a sut y gallwn weithio gyda'n gilydd yn well yn y dyfodol. Roeddem yn fodlon â'r lefel o ymateb ac â'r gefnogaeth gyffredinol i'n cynigion. Rydym wedi defnyddio'r wybodaeth hon i ddatblygu ein Cynllun Corfforaethol. Bydd yr adborth pwysig hwn yn cael ei ddefnyddio hefyd yn ein gwaith yn y dyfodol.

Corff newydd ydym ni - dim ond blwydd oed a hwn yw ein Cynllun Corfforaethol cyntaf. Rydym ar siwrnai hir, nad yw ond yn dechrau. Mae'n ffocws ar gyflawni. Yn y flwyddyn gyntaf byddwn yn canolbwyntio ar weithio integredig a chydweithio, ac ar gynllunio a gwreiddio dull rheoli ar lefel yr ecosystem. Byddwn yn gwireddu'r buddion a nodwyd yn y Cynllun Busnes o blaid sefydlu Cyfoeth Naturiol Cymru dros y deng mlynedd nesaf yn fras. Fe wnawn ni gyflawni ein diben - sef sicrhau bod amgylchedd ac adnoddau naturiol Cymru yn cael eu cynnal yn gynaliadwy, eu gwella'n gynaliadwy a'u defnyddio'n gynaliadwy, yn awr ac i'r dyfodol.

Gobeithiwn y bydd ein Cynllun Corfforaethol o ddiddordeb ichi ac yn llawn gwybodaeth. Ac rydym yn gobeithio gweithio gyda chi yn y dyfodol er budd amgylchedd a phobl Cymru.



**Yr Athro Peter Matthews**  
Cadeirydd



**Dr Emyr Roberts**  
Prif Weithredwr

# Ein Diben...

// yw sicrhau bod amgylchedd ac adnoddau naturiol Cymru yn cael eu cynnal yn gynaliadwy, eu gwella'n gynaliadwy a'u defnyddio'n gynaliadwy, yn awr ac i'r dyfodol.



## Ein Diben...



yw sicrhau bod amgylchedd ac adnoddau naturiol Cymru yn cael eu cynnal yn gynaliadwy, eu gwella'n gynaliadwy a'u defnyddio'n gynaliadwy, yn awr ac i'r dyfodol.

### Rydym am i Gymru...

fod yn fan lle mae'r aer, y tir a'r dŵr yn cael eu rheoli'n gynaliadwy.

Rydym yn defnyddio

- **Gwybodaeth Dda:** magu doethineb a dealltwriaeth o'n hadnoddau naturiol a sut rydym ni'n effeithio arnynt - gan ddefnyddio tystiolaeth a chymhwyso'r hyn sy'n cael ei ddysgu drwy brofiad, fel ein bod yn gwneud penderfyniadau da

fel bod yr hyn rydym yn ei wneud

- yn **Dda i'r Amgylchedd:** bod ecosystemau yn gryf a diogel ar gyfer y dyfodol, bod bywyd gwyllt a thirweddau yn cael eu gwella, a bod y defnydd a wneir o'n hadnoddau naturiol yn cael ei reoli'n ofalus
- yn **Dda i Bobl:** bod pobl yn saff, ac yn mwynhau ein hadnoddau naturiol ac yn elwa ohonynt, ac yn deall eu perthnasedd i'n bywydau o ddydd i ddydd
- yn **Dda i Fusnes:** bod yn 'lleoliad delfrydol' i fusnes a menter, yn fan lle caiff yr arferion rheoli amgylcheddol gorau eu mabwysiadu a'u hannog

a'n bod ni yn

- **Sefydliad Da:** yn cael ei arwain a'i reoli'n dda, gyda staff â sgiliau a phrofiad addas a systemau a phrosesau creiddiol effeithiol; yn dryloyw yn ein penderfyniadau ac yn gwella'n gwasanaeth i gwsmeriaid a phartneriaid yn barhaus, gan feincnodi ein hunain yn erbyn y goreuon.

Mae'r pum 'Da' hyn yn arwain at bum Rhaglen 'Dda' sy'n cael eu defnyddio i drefnu ein gwaith. Mae perthynas agos rhwng y Rhaglenni 'Da' a'i gilydd; mae'r gwaith a wnawn ar un rhaglen yn darparu nifer o fuddion ac yn help inni gyflawni ein gwaith ar y rhaglenni eraill. Maen nhw'n gyd-ddibynnol ac yn drawsbynciol. Byddwn yn darparu'r budd mwyaf posibl ym mhob maes, nid dim ond ar ryw raglen 'Dda' neilltuol. Conglfaen y dull hwn o weithredu fydd cynllunio adnoddau naturiol mewn modd integredig - rhywbeth yr ydym yn ei ddatblygu ar y cyd â Llywodraeth Cymru ar hyn o bryd.

// Mae Cynllun Corfforaethol 2014-17 yn nodi beth y bwriadwn ei gyflawni dros y tair blynedd nesaf...

## Pwy ydym ni a beth rydym yn ei wneud

Mae Cyfoeth Naturiol Cymru yn Gorff a Noddir gan Lywodraeth Cymru a daeth i rym ym mis Ebrill 2013. Ymgwymerodd â'r rhan fwyaf o swyddogaethau Cyngor Cefn Gwlad Cymru, Comisiwn Coedwigaeth Cymru ac Asiantaeth yr Amgylchedd yng Nghymru, yn ogystal â rhai swyddogaethau a arferai berthyn i Lywodraeth Cymru.

### Mae gennym ystod eang o rolau a chyfrifoldebau:

**Cynghorydd:** prif gynghorydd Llywodraeth Cymru, a chynghorydd i ddiwydiant a'r sector cyhoeddus a gwirfoddol ehangach, a chyfathrebwr ynglŷn â materion yn ymwneud â'r amgylchedd a'i adnoddau naturiol

**Rheoleiddiwr:** yn gwarchod pobl a'r amgylchedd, yn cynnwys diwydiannau morol, coedwigaeth a gwastraff, ac yn erlyn y rhai sy'n torri'r rheoliadau rydym ni'n gyfrifol amdanynt

**Dynodwr:** o ran Safleoedd o Ddiddordeb Gwyddonol Arbennig - ardaloedd o werth arbennig oherwydd eu bywyd gwyllt neu'u daeareg, Ardaloedd o Harddwch Naturiol Eithriadol (AHNE), a Pharciau Cenedlaethol, yn ogystal â datgan Gwarchodfeydd Natur Cenedlaethol

**Ymatebwr:** i ryw 9,000 y flwyddyn o ddigwyddiadau amgylcheddol sy'n cael eu cofnodi, fel ymatebwr brys Categori 1

**Ymgynghorai statudol:** o ran rhyw 9,000 o geisiadau cynllunio y flwyddyn

**Rheolwr/Gweithredwr:** yn rheoli tua saith y cant o arwynebedd tir Cymru yn cynnwys coetiroedd, Gwarchodfeydd Natur Cenedlaethol, dŵr ac amddiffynfeydd rhag llifogydd, ac yn rhedeg ein canolfannau ymwelwyr, cyfleusterau hamdden, deorfeydd a labordy

**Partner, Addysgwr a Galluogwr:** cydweithredwr allweddol gyda'r sectorau cyhoeddus, preifat a gwirfoddol, yn darparu cymorth grant ac yn helpu amrywiaeth eang o bobl i ddefnyddio'r amgylchedd fel adnodd dysgu; yn gweithredu fel catalydd i waith pobl eraill

**Casglwr tystiolaeth:** yn monitro ein hamgylchedd, yn comisiynu ac yn cynnal ymchwil, yn datblygu ein gwybodaeth, ac yn gweithredu fel corff cofnodion cyhoeddus

**Cyflogwr:** i bron i 1,900 o staff, yn ogystal â chefnogi cyflogaeth arall drwy waith contract.

## Y Cynllun hwn

Mae Cynllun Corfforaethol 2014-17 yn nodi beth y bwriadwn ei gyflawni dros y tair blynedd nesaf, a cheir ynddo hefyd set o ddangosyddion yn dangos tueddiadau amgylcheddol ehangach yng Nghymru.

Mae gennym hefyd Gynllun Busnes blwyddyn gyda thargedau a mesurau sy'n mynd law yn llaw â'r Cynllun Corfforaethol ac yn rhoi mwy o fanylion.

Mae'r **dangosyddion** yn y Cynllun Corfforaethol yn ceisio monitro tueddiadau ar draws Cymru gyfan. Maent yn edrych ar **ganlyniadau** ac

// Gallwn ddefnyddio'n gwahaniaethau unigryw fel sefydliad i wneud y newidiadau a fynnir ohonom.

yn rhoi'r **darlun mawr** inni – beth sy'n digwydd yng Nghymru a'r tu hwnt. Nid ein cyfrifoldebau ni yn unig yw'r rhain. Mae ein gwaith ni yn gwneud cyfraniad, ond canlyniad gwaith amrywiaeth eang o sefydliadau yn y sectorau preifat, cyhoeddus a gwirfoddol, a newidiadau yn ymddygiad unigolion, ydyn nhw.

Mae'r **mesurau** yn y Cynllun Busnes yn edrych yn uniongyrchol ar yr hyn rydym ni yn Cyfoeth Naturiol Cymru yn ei wneud – **ein hallbynnau**. Mae nhw'n mesur ein perfformiad ni, mae nhw o fewn ein rheolaeth ni, ac rydym yn dangos hyn ar ffurf 'dangosfwrdd'.

Y Cynllun Corfforaethol a'i ddangosyddion, ynghyd â'r Cynllun Busnes a'i fesurau, fydd yn llunio ein **Fframwaith Perfformiad**. Wedyn gallwn fonitro'r hyn rydym ni'n ei wneud ein hunain a'r darlun ehangach yng Nghymru, i sicrhau bod ein gwaith yn wir yn gwneud y gwahaniaeth yr ydym am ei wneud.

Nododd y Cynllun Busnes ar gyfer sefydlu Cyfoeth Naturiol Cymru nifer o arbedion a buddion y mae angen inni eu gwireddu wrth i'n sefydliad ddatblygu, ac mae'r rhain yn cael eu hamlygu yn ein Cynllun Corfforaethol a'n Cynllun Busnes.

Er ei fod yn cwmpasu tair blynedd, rydym yn bwriadu cyhoeddi Cynllun Corfforaethol treigl, gan ddarparu diweddariadau yn ôl y gofyn. Ar ôl y cyfnod cyntaf hwn o dair blynedd, byddwn yn cyhoeddi Cynlluniau Corfforaethol treigl pum mlynedd, a fydd yn cyd-fynd ag etholiadau'r Cynulliad Cenedlaethol a newidiadau yn y weinyddiaeth. Byddwn yn cyhoeddi ein Cynllun Busnes bob blwyddyn.

## Risgiau, Pwysau a Chyfleoedd

Mae gennym ddiben arloesol a sialensiau tymor byr sylweddol wrth ddatblygu ein gallu i weithredu'n annibynnol yng Nghymru. Yn yr achos o blaid ein sefydlu, nodwyd amryw o fuddion ac arbedion effeithlonrwydd ariannol y bydd angen inni ddangos yn glir ein bod wedi'u cyflawni.

Yn ogystal â sialensiau unigryw, rydym hefyd yn rhannu'r pwysau ehangach sy'n effeithio ar y sector cyhoeddus ar draws Cymru a'r Deyrnas Unedig. Mae ymdopi mewn oes o galedi ariannol yn gyfrifoldeb ychwanegol; felly hefyd ffyniant economaidd ehangach y rhai yr ydym yn eu gwasanaethu ac yn gweithio gyda nhw. Er gwaethaf y cefndir hwn, mae gennym gyfleoedd gwych i fanteisio arnynt. Gallwn ddefnyddio'n gwahaniaethau unigryw fel sefydliad i wneud y newidiadau a fynnir ohonom. Byddwn yn mabwysiadu dull rheoli ar lefel yr ecosystem yn sail i'n holl benderfyniadau ar bob lefel – pa un a ydym yn pennu blaenoriaethau neu'n cyflawni gweithgareddau gweithredol penodol.

Mae gennym hefyd asedau heb eu hail yn adnoddau naturiol ac amgylchedd Cymru, llawer ohonynt o dan ein rheolaeth uniongyrchol ni. Gall yr asedau hyn ein helpu i gyflawni ein blaenoriaethau drwy ein gwaith rheoli ni a thrwy gefnogi eraill wrth iddyn nhw gyflawni.

Rydym yn hyderus y gallwn gyflawni'r hyn a ddisgwylir ohonom. Mae'r blaenoriaethau sydd wedi'u nodi yn y Cynllun Corfforaethol hwn yn gam allweddol tuag at wneud i hyn ddigwydd.



// Rydym wedi ymrwymo i fod yn agos at ein cymunedau yng Nghymru.

## Ein Pobl

Mae gennym bron i 1,900 o staff cyfwerth ag amser llawn (FTE) wedi'u lleoli ar hyd a lled Cymru – gwyddonwyr, peirianwyr, coedwigwyr, rheolwyr amgylcheddol, arbenigwyr hamdden ac addysg, pobl sy'n gweithio gyda chymunedau lleol, yn ogystal â llu o bobl eraill sy'n galluogi'n sefydliad i weithio'n effeithiol ac effeithlon.

Rydym yn sefydliad newydd. Rydym yn gwybod pa fath o sefydliad yr hoffem fod, ond bydd yn cymryd amser inni gyrraedd yno. Drwy siarad â'n staff, rydym wedi datblygu'r set isod o werthoedd:

- **Angerddol ac uchelgeisiol** ynglŷn â'n gwaith a'r effaith bositif a gawn
- **Disgybledig a llawn ffocws** wrth flaenoriaethu a chyflawni
- **Yn ennyn ymddiriedaeth ac yn broffesiynol** yn ein perthynas â rhanddeiliaid, staff, a'u cynrychiolwyr
- Yn ymgymryd â'n gwaith gyda **synnwyr cyffredin** ac yn **gyfrifol** ac **atebol** am ein gweithredoedd.

Mae ein Strategaeth Pobl yn disgrifio sut rydym yn bwriadu gwella ein gallu a'n perfformiad, gweithio'n fwy hyblyg a datblygu ein sefydliad yn unol â'n busnes. Mae gennym hefyd gynllun gweithlu sy'n dangos sut bydd ein gweithlu yn newid dros amser. Mae partneriaeth wirioneddol â'r undebau llafur yn hanfodol – gydag amcanion sy'n cael eu rhannu, a pherthynas agored, lawn ymddiriedaeth.

### Dros y tair blynedd nesaf rydym yn disgwyl gweld:

- Gostyngiad net yn ein gweithlu i 1,850 FTE yn unol â'n targedau arbedion effeithlonrwydd
- Cynnydd mewn ailhyfforddi a darparu sgiliau newydd wrth inni gynnig cyfleoedd i'n staff i newid y gwaith y maent yn ei wneud
- Gweithlu sy'n heneiddio sydd â chyfoeth o brofiad, sy'n golygu bod angen inni gynllunio'n ofalus ar gyfer y dyfodol ac ystyried cynlluniau lefel mynediad ar gyfer rolau allweddol.

Er mwyn newid a thyfu gyda'n blaenoriaethau busnes wrth iddynt ddatblygu, mae angen i bawb fod yn hyblyg, yn barod i ymateb ac yn glir ynglŷn â'n disgwyliadau perfformiad. Bydd dull newydd, syml o ymdrin â rheoli perfformiad yn chwilio am welliant parhaus, yn unol â'n gwerthoedd o fod yn uchelgeisiol a llawn ffocws. Byddwn yn buddsoddi yn ein pobl, fel eu bod yn dysgu a datblygu.

Mae llawer o'n staff ar draws Cymru yn rhugl yn y Gymraeg a'r Saesneg. Mae ein Cynllun Iaith Gymraeg yn ein helpu i gryfhau ein gallu dwyieithog ymhellach.

Rydym wedi ymrwymo i fod yn agos at ein cymunedau yng Nghymru ac rydym am adlewyrchu'r cymunedau rydym yn eu gwasanaethu. Mae gwerthfawrogi a chefnogi amrywiaeth a gweithredu i sicrhau cydraddoldeb i bobl sydd â nodweddion gwarchoddedig (yn unol â'r diffiniad yn Neddff Cydraddoldeb 2010) yn hollbwysig a dyna fydd conglfaen ein Cynllun Cydraddoldeb. Rydym am ddod yn gyflogwr arfer da o safbwynt cydraddoldeb ac rydym wedi ymrwymo i hyrwyddo a hybu cydraddoldeb i holl ddinasyddion ac ymwelwyr Cymru.

Rydym am fod yn gyflogwr y mae pobl yn ei ddewis, gyda thâl ac amodau sy'n adlewyrchu ein hanghenion busnes, sy'n fforddiadwy, ac y cytunwyd arnynt gyda chynrychiolwyr undebau llafur mewn gwir bartneriaeth.

// Cafodd y Cynllun Corfforaethol cyfredol ei ddatblygu o fewn amgylchedd heriol yn ariannol.

## Ein Cyllid

Cafodd y Cynllun Corfforaethol cyfredol ei ddatblygu o fewn amgylchedd heriol yn ariannol. Mae'r sector cyhoeddus wedi bod mewn cyfnod o galedi ariannol yn y blynyddoedd diwethaf a disgwylir i hynny barhau i'r dyfodol, hyd y gellir ei ragweld.

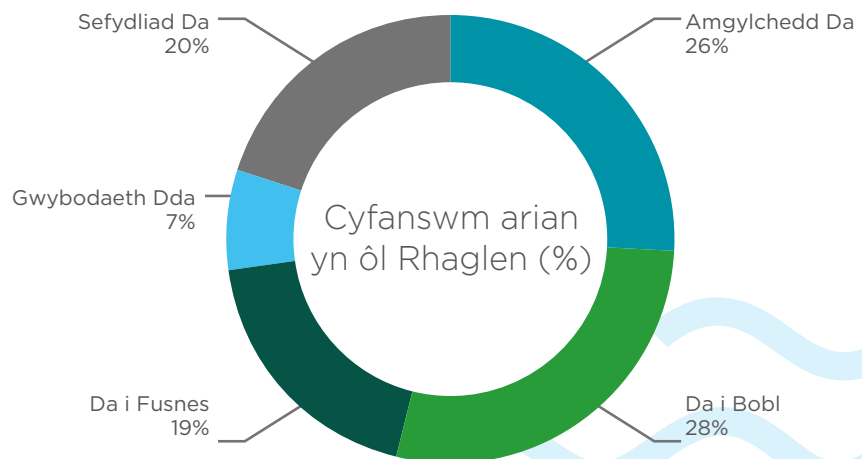
Mae ffocws ariannol y Cynllun Corfforaethol cyntaf ar ariannu'r sefydliad, yna newid Cyfoeth Naturiol Cymru i'w wneud yn sefydliad annibynnol, sy'n sefyll ar ei draed ei hun. Ar ôl y buddsoddiad cychwynnol hwn, caiff y buddion eu cyflawni yn y blynyddoedd i ddod fel y bydd y Cynllun Corfforaethol nesaf yn canolbwyntio ar sut y gellir ailfuddsoddi'r arbedion hyn er mwyn darparu buddion amgylcheddol ychwanegol.

I wireddu ein canlyniadau yn y cyfnod ariannol heriol hwn, bydd angen inni wneud y canlynol:

- **Cyflawni** arbedion pres ac arbedion effeithlonrwydd sylweddol er mwyn cyrraedd y targedau buddion a bennwyd gan Lywodraeth Cymru dros ein 10 mlynedd gyntaf
- **Cynyddu i'r eithaf** y cyfleoedd incwm drwy ddatblygu ffyrdd arloesol o ymdrin â menter
- **Datblygu** dulliau cydweithio er mwyn gwneud y defnydd gorau o adnoddau ac arbenigedd, a sicrhau bod y buddion mwyaf posibl yn cael eu cyflawni gyda'n partneriaid
- **Blaenoriaethau** ein gweithgareddau ac ystyried ffyrdd gwahanol o'u hariannu.

Dros gyfnod y Cynllun Corfforaethol byddwn yn lleihau costau ein gwasanaethau corfforaethol er mwyn cyrraedd safonau meincnod y 'gorau yn y dosbarth'. Byddwn hefyd yn ymgymryd â rhaglen sylweddol o waith i sefydlu ein gallu i weithredu'n annibynnol. Bydd yr arbedion a wnawn yn cael eu hailfuddsoddi wedyn i wella canlyniadau amgylcheddol.

Mae ein hadnoddau wedi cael eu rhannu ar draws ein pum Rhaglen 'Dda' yn 2014/15 fel a ganlyn:



Mae'r tabl isod yn crynhoi cyllidebau incwm a gwariant 2014/15.

Crynodeb o Gyllideb 2014/2015	£miliwn
<b>Incwm</b>	
Cymorth Grant	115
Cynlluniau Ffioedd	38
Masnachol	19
Arall	8
Cyfanswm Incwm	<b>180</b>
<b>Gwariant</b>	
Costau Staff	70
Costau Gweithredol	70
Cytundebau Lefel Gwasanaeth Cyn Riant Gyrrff	12
Prosiectau Cyfalaf	28
Cyfanswm Gwariant	<b>180</b>

// Gall ein gwaith ddod â budd i'r amgylchedd, pobl, a busnes, yn yr un man ac ar yr un adeg yn aml.

## Sut rydym yn gweithio a gyda phwy rydym ni'n gweithio

Rydym yn gweithio gydag amrywiaeth eang o bobl a sefydliadau yn y sectorau cyhoeddus, preifat a gwirfoddol; sefydliadau a rhwydweithiau ymbarél; cymunedau; yn ogystal â chyrff academiaidd a phroffesiynol. Rydym yn gwneud cyfraniad pwysig i bob agwedd bron o fywyd Cymru. Rydym hefyd yn gweithio gydag eraill yng nghyd-destun y Deyrnas Unedig a'r Undeb Ewropeaidd ac yn rhyngwladol i sicrhau bod ein gwaith 'trawsffiniol' yn briodol a chydgyssylltiedig. Rydym yn awyddus i weithio gyda phartneriaid newydd a'n partneriaid presennol mewn ffyrdd arloesol fel y gallwn gyflawni mwy fyth gyda'n gilydd.

Rydym yn uchelgeisiol ond yn realistig. Mae'r sefyllfa ariannol yn gwneud inni ailasesu ein blaenoriaethau. Rydym wedi cael adborth rhagorol yn ystod y broses ymgynghori ac mae'r Cynllun Corfforaethol hwn yn rhoi'r cyfle inni i sicrhau ein bod yn hoelio'n hymdrechion ar wireddu'n canlyniadau drwy'n rhaglenni.

Er mwyn inni allu darparu cyfeiriad clir i'n busnes a, lle mae hynny'n bosibl, ailfuddsoddi mewn gweithgareddau newydd a ffyrdd newydd o weithio, rydym wedi nodi meysydd lle byddwn yn ceisio symleiddio'n gweithgareddau. Caiff y rhain eu dangos yn y cyflwyniad i bob rhaglen 'Dda'.

## Sut rydym ni'n gweithio gyda Llywodraeth Cymru

Rydym yn Gorff a Noddir gan Lywodraeth Cymru. Mae gennym swyddogaethau sy'n annibynnol ar Lywodraeth, ac rydym yn ffurfio ein barn ein hun. Rydym hefyd yn gweithio'n agos gyda Llywodraeth Cymru ac mae gennym gyfres o ganlyniadau i Gymru y cytunwyd arnynt ac yr ydym yn eu rhannu:

- Gwella ein hamgylchedd
- Diogelu pobl
- Cefnogi menter a swyddi
- Gwella iechyd y genedl
- Lleoedd llewyrchus llawn addewid
- Sicrhau cyfiawnder cymdeithasol
- Cefnogi sgiliau a gwybodaeth.

Mae'r canlyniadau hyn a rennir yn rhai trawsbynciol, fel y mae ein rhaglenni 'Da' a phopeth a wnawn. Gall ein gwaith ddod â budd i'r amgylchedd, pobl, a busnes, yn yr un man ac ar yr un adeg yn aml. Mae'r canlyniadau a rennir hefyd wrth galon y blaenoriaethau gweithredu a nodwyd yn 'Creu Dyfodol Cadarnach a Mwy Ffyniannus', y datganiad a wnaed yn hydref 2013 gan Alun Davies AC, y Gweinidog Cyfoeth Naturiol a Bwyd. Y blaenoriaethau hyn yw twf gwyrdd, rheoli ein hadnoddau naturiol yn fwy effeithlon ac effeithiol, trechu tloedi a gwella cydnerthedd ac amrywiaeth ein hadnoddau naturiol.

// Mae sicrhau bod ein gwaith yn cyd-fynd yn glir â newid mewn deddfwriaeth hefyd yn bwysig iawn

Mae cyfrannu tuag at wireddu'r canlyniadau a'r blaenoriaethau cydranedig hyn yn ein gwneud yn rhan annatod o fywyd ehangach Cymru, yn rhoi inni ffocws parhaus, ac yn ein cysylltu â llu o bartneriaid. Mae ein gwaith yn cyfrannu nid dim ond at gynlluniau a strategaethau sy'n ymdrin â'r amgylchedd, newid hinsawdd a'r pontio i economi carbon isel, ond hefyd â'r strategaethau hynny sy'n delio ag iechyd a lles, tlodi, addysg, cydraddoldeb ac amrywiaeth, a chreu cymunedau cryf.

Mae sicrhau bod ein gwaith yn cyd-fynd yn glir â newid mewn deddfwriaeth hefyd yn bwysig iawn, wrth i Filiau'r Amgylchedd, Cenedlaethau'r Dyfodol, Cynllunio, a Threftadaeth i gyd gael eu datblygu.

Rydym yn cael Llythyr Cylch Gwaith ar ddechrau pob blwyddyn ariannol yn nodi beth mae Llywodraeth Cymru am inni ei gyflawni yn ystod y flwyddyn honno. Mae'r Llythyr Cylch Gwaith cyfredol i'w weld yn yr adran cyhoeddiadau ar wefan Llywodraeth Cymru.

## Yr Achos Busnes ar gyfer Cyfoeth Naturiol Cymru

Yn yr achos busnes a oedd yn sail i'r penderfyniad i sefydlu Cyfoeth Naturiol Cymru, nodwyd y buddion y bydd angen inni eu gwireddu yn ystod ein degawd cyntaf. Mae'r rhain yn rhan annatod o'n cynllunio corfforaethol a busnes ac maent yn gwasgaru ar draws ein rhaglenni. Mae disgwyl inni gyflawni tri math o fudd:

- **Cyflawni'n well dros Gymru:** fel bod ein gwaith yn cyd-fynd yn gliriach â blaenoriaethau Cymru, gyda datblygu cynaliadwy wrth galon popeth a wnawn
- **Gwell canlyniadau i Gymru:** fel ein bod yn darparu cyngor mwy cydgysylltiedig ac arweiniad cliriach yn ein rôl fel cynghorydd ac ymgynghorai statudol fel un sefydliad
- **Gwell gwerth am arian:** rydym yn disgwyl cynhyrchu buddion gwerth £158 miliwn dros ein 10 mlynedd gyntaf drwy fod yn fwy effeithlon o ganlyniad i uno tri chorff.

Byddwn yn monitro'r rhain yn fanwl yn erbyn yr achos busnes ac rydym eisoes wedi dechrau cyflawni'r buddion hyn.

// Yng Nghymru bydd mabwysiadu dull rheoli ar lefel yr ecosystem yn golygu ystyried yr amgylchedd yn ei gyfanrwydd, yn hytrach na delio ag agweddau unigol ar wahân...

## Cynllunio Adnoddau Naturiol mewn modd Integredig a Dull Rheoli ar lefel yr Ecosystem

Yn ein Cynllun Corfforaethol a'n Cynllun Busnes rydym wedi cyfeirio at *Gynllunio Adnoddau Naturiol mewn modd Integredig a Dull Rheoli ar lefel yr Ecosystem*. Mae'r naill gysyniad yn ddibynnol ar y llall - y dull rheoli ar lefel yr ecosystem yw'r ffordd rydym ni'n meddwl am fapio'r amgylchedd a'i adnoddau naturiol, tra mae cynllunio a rheoli adnoddau naturiol mewn modd integredig yn golygu sut rydym ni'n mynd ati i wneud hynny'n ymarferol.

Mae dull rheoli ar lefel yr ecosystem wedi cael ei ddiffinio gan y Confensiwn ar Amrywiaeth Fiolegol fel 'strategaeth i reoli tir, dŵr ac adnoddau byw mewn modd integredig sy'n hyrwyddo cadwraeth a defnydd cynaliadwy mewn ffordd deg'. Mae hyn yn golygu bod pawb ohonom yn mynd ati mewn ffordd fwy cydgysylltiedig i reoli'r amgylchedd a'i adnoddau naturiol.

Yng Nghymru bydd mabwysiadu dull rheoli ar lefel yr ecosystem yn golygu ystyried yr amgylchedd yn ei gyfanrwydd, yn hytrach na delio ag agweddau unigol ar wahân; bydd yn golygu pwysu a mesur a phennu blaenoriaethau o ran y llu o alwadau sy'n cystadlu am ein hadnoddau naturiol.

## Ein pum rhaglen 'Dda'

Mae ein pum rhaglen waith yn adlewyrchu natur drawsbynciol ein gwaith, gyda llawer o'n gweithgareddau yn helpu i wireddu nifer o ganlyniadau ar draws sawl rhaglen. Mae'n bwysig fod i'r gwaith a wnawn 'lwybr clir' neu 'llyn aur' o'r canlyniadau yr ydym yn eu rhannu gyda Llywodraeth Cymru drwy ein Cynllun Corfforaethol a'n Cynllun Busnes, yr holl ffordd drwodd at waith aelod unigol o'r staff.

Y Rhaglenni 'Da' hyn yw'r ddolen gyswllt rhwng cyflawni canlyniadau i Gymru a threfnu ein hunain fel corff newydd.

Ceir rhagor o fanylion yng Nghynllun Busnes 2014-15, sydd ar gael ar ein gwefan.

# Gwybodaeth Dda...

// Beth mae 'Da' yn ei olygu: magu doethineb a dealltwriaeth o'n hadnoddau naturiol a sut rydym ni'n effeithio arnynt - gan ddefnyddio tystiolaeth a chymhwyso'r hyn sy'n cael ei ddysgu drwy brofiad, fel ein bod yn gwneud penderfyniadau da.



## Gwybodaeth Dda



Beth mae 'Da' yn ei olygu: magu doethineb a dealltwriaeth o'n hadnoddau naturiol a sut rydym ni'n effeithio arnynt - gan ddefnyddio tystiolaeth a chymhwyso'r hyn sy'n cael ei ddysgu drwy brofiad, fel ein bod yn gwneud penderfyniadau da.

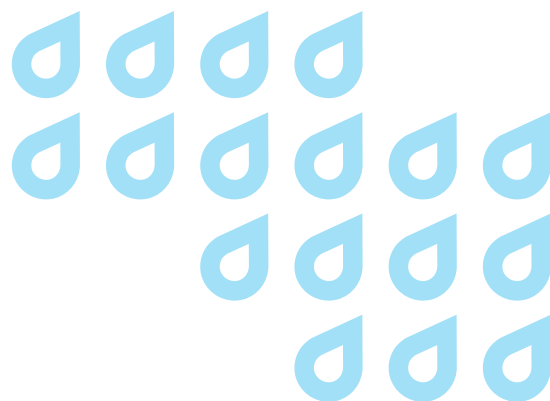
### Sialensiau a Chyfleoedd

Mae gwybodaeth yn dyngedfennol er mwyn inni gyflawni'n holl waith yn llwyddiannus. Mae'n bwysig fod pob penderfyniad a wneir sy'n effeithio ar amgylchedd Cymru yn cael ei seilio ar dystiolaeth gadarn. Mae gennym rôl bwysig i'w chwarae yn hyn: cyfrannu i'r sylfaen tystiolaeth, rhannu ein gwybodaeth ag eraill, a darparu ffordd fwy cydgysylltiedig o gasglu tystiolaeth. Mae ein hygredded a'n hatebolrwydd am ein penderfyniadau a'n gweithredoedd yn dibynnu ar wybodaeth.

Mae angen inni fod yn fwy arloesol, effeithlon ac effeithiol yn ein ffyrdd o gynhyrchu a defnyddio data os ydym i weithio cystal ag y gallwn o fewn ein cyllideb. Bydd gweithio'n helaeth drwy bartneriaeth yn sicrhau ein bod yn arddel yr egwyddor 'casglu unwaith, defnyddio droeon'. Mae hyn yn golygu y byddwn yn sefydliad wedi'i seilio ar dystiolaeth, yn gwneud penderfyniadau tryloyw ac amserol dros Gymru, drwy ein gwybodaeth, ein tystiolaeth a'n profiad, gan ddefnyddio dull rheoli ar lefel yr ecosystem.

### Sut byddwn ni'n gweithio'n wahanol:

- Mewn partneriaeth ag eraill, a Llywodraeth Cymru yn arbennig, byddwn yn datblygu dull rheoli ar lefel yr ecosystem a rheoli adnoddau naturiol mewn modd integredig fel bod ein hadnoddau naturiol yn gallu parhau i'n cynnal yn y dyfodol. Byddwn yn treialu ac yn arddangos y gwaith hwn fel bod eraill yn gallu defnyddio'r hyn rydym ni wedi'i ddysgu a'i gymhwyso i'w gwaith nhw
- Mewn partneriaeth ag eraill, byddwn yn adeiladu ein sylfaen tystiolaeth, yn sicrhau ei bod ar gael ac yn ei hadolygu'n barhaus, drwy weithio gyda Llywodraeth Cymru, academia a'r sector gwirfoddol yn ogystal â defnyddio 'gwyddoniaeth y bobl'
- Drwy ddeall ein rôl yn darparu tystiolaeth, byddwn yn cynhyrchu gwybodaeth lle mae hynny'n briodol, ac yn helpu eraill os ydyn nhw mewn gwell sefyllfa i wneud ymchwil neu gasglu tystiolaeth berthnasol.





// Mae gwybodaeth yn dyngedfennol er mwyn inni gyflawni'n holl waith yn llwyddiannus.

#### **Beth fyddwn ni'n gwneud llai ohono:**

- Byddwn yn cysoni ein rhaglen fonitro lle mae hynny'n briodol er mwyn canolbwyntio ar yr hanfodion, a byddwn yn ystyried ffyrdd arloesol o gynyddu ein gwybodaeth. Byddwn yn defnyddio gwybodaeth o ffynonellau eraill lle mae'n addas ac yn diwallu ein hanghenion
- Drwy ddefnyddio'r wyddoniaeth a'r ymchwil sydd ar gael yn unol â'n blaenoriaethau, dim ond lle rydym yn siŵr mai ni yw'r sefydliad iawn i lenwi unrhyw fylchau y byddwn yn defnyddio ein hadnoddau
- Bydd ein modelu yn addas i'w ddiben a byddwn yn annog y sectorau academiaidd a phreifat i fuddsoddi er mwyn asesu'r gallu modelu yn strategol, ei adolygu a datblygu gallu newydd, gan weithio gyda Llywodraeth Cymru.

#### **Ein dangosyddion**

##### **Dangosydd Ka: Datblygu dull rheoli ar lefel yr ecosystem a rheoli adnoddau naturiol mewn modd integredig**

- Nifer y meysydd gwaith o fewn Cyfoeth Naturiol Cymru sy'n adlewyrchu anghenion Cymru ac wedi'u seilio ar reoli adnoddau naturiol mewn modd integredig
- Bydd y meysydd lle mae cynllunio adnoddau naturiol ar waith yn ddangosydd tymor hwy wrth i'r dull gael ei ddatblygu ac i Fil arfaethedig yr Amgylchedd ddod yn ddeddf.

##### **Dangosydd Kb: Bod ein data yn cael ei ddefnyddio gan eraill i wneud penderfyniadau**

- Nifer y setiau data crai a gyhoeddir i gael eu haildefnyddio gennym ni neu ar ein rhan
- Nifer y ceisiadau Mynediad at Wybodaeth.

##### **Dangosydd Kc: Meithrin ein harbenigedd**

- Byddwn yn meithrin ein sylfaen tystiolaeth, gan ddiogelu a defnyddio cyfalaf deallusol ein sefydliad a chynyddu lefel cymwysterau, aelodaeth broffesiynol a datblygiad proffesiynol parhaus ein staff.



### Ein hymrwymiadau

**K1: Byddwn yn datblygu'r ffordd y mae Cymru yn rheoli adnoddau naturiol mewn modd integredig, gan ddefnyddio rheoli ar lefel yr ecosystem fel sail i benderfyniadau drwy, er enghraifft:**

- Weithio gyda Llywodraeth Cymru a phartneriaid eraill i ddatblygu'r ffordd o weithio drwyddi draw
- Datblygu 'pecyn cymorth' i wreiddio dull rheoli ar lefel yr ecosystem a rheoli a chynllunio integredig ar adnoddau naturiol yn ein gwaith, gan gynnal tri threial mewn ardaloedd o gwmpas afonydd Dyfi, Rhondda a Thawe
- Rhoi cyngor ynglŷn â defnydd cynaliadwy o dir a dŵr a rheoli adnoddau naturiol mewn modd integredig fel bod arferion da yn ennill eu plwyf
- Gweithio gyda Llywodraeth Cymru i helpu i sicrhau bod y darpariaethau ynglŷn â rheoli adnoddau naturiol mewn modd integredig ym Mil arfaethedig yr Amgylchedd yn cael eu hategu mewn deddfwriaeth arall, fel Biliau Cenedlaethau'r Dyfodol, Treftadaeth, a Chynllunio, wrth iddynt gael eu datblygu.

**K2: Byddwn yn sicrhau bod gennym ddealltwriaeth dda o amgylchedd, economi a phobl Cymru, ac o le Cymru yn y byd, a byddwn yn parhau i adolygu ein tystiolaeth i wneud yn siŵr ei bod yn addas i'r sialensiau sy'n wynebu adnoddau naturiol Cymru drwy, er enghraifft:**

- Weithio gyda Llywodraeth Cymru ac eraill i ganfod ffynonellau tystiolaeth, i ddeall ble mae'r bylchau a, lle gallwn gydweithio i lenwi'r bylchau hyn, i rannu gwybodaeth ac arbenigedd a chynorthwyo eraill i'w llenwi
- Adolygu ein strategaeth fonitro a chymhwyso argymhellion i'n gwaith gweithredol
- Gweithio gyda Llywodraeth Cymru i ddatblygu polisi ar gyfer adnoddau naturiol, yn cynnwys darparu adroddiad Cyflwr yr Amgylchedd ac, yn y tymor hwy, adroddiad Cyflwr ein Hadnoddau Naturiol, gydag adroddiad interim erbyn mis Tachwedd 2014.

**K3: Byddwn yn datblygu ac yn rheoli sylfaen tystiolaeth gadarn i'n cynorthwyo yn ein penderfyniadau strategol a gweithredol ac yn sail i benderfyniadau a wneir gan eraill drwy, er enghraifft:**

- Ddatblygu ein gallu modelu a rhagamcanu, a gweithio gydag eraill i gynyddu'n defnydd o dechnegau ar gyfer y dyfodol, pethau fel sganio'r gorwel a chynllunio senarios
- Datblygu ein gallu cymdeithasol ac economaidd a'n sylfaen tystiolaeth, i ddarparu gwybodaeth ar gyfer rheoli adnoddau naturiol a'r dull ecosystem, ac i helpu i ddeall a goresgyn rhwystrau rhag defnyddio'r amgylchedd sy'n wynebu gwahanol garfanau o gymdeithas a chymunedau lleol
- Datblygu ein gallu i egluro a chyfleu materion cymhleth yn well i ystod eang o randdeiliaid drwy ddefnyddio amrywiaeth eang o ddulliau a fformatau cyfathrebu, yn cynnwys canllawiau.

**Adnoddau ar gyfer 2014-15:**

Gwariant: £13 miliwn Staff: 185 FTE

# Amgylchedd Da...

// **Beth mae 'Da' yn ei olygu:** bod ecosystemau yn gryf a diogel ar gyfer y dyfodol, bod bywyd gwylt a thirweddau yn cael eu gwella, a bod y defnydd a wneir o'n hadnoddau naturiol yn cael ei reoli'n ofalus.

## Amgylchedd Da



Beth mae 'Da' yn ei olygu: bod ecosystemau yn gryf a diogel ar gyfer y dyfodol, bod bywyd gwyllt a thirweddau yn cael eu gwella, a bod y defnydd a wneir o'n hadnoddau naturiol yn cael ei reoli'n ofalus.

### Sialensiau a Chyfleoedd

Mae ein hamgylchedd yng Nghymru yn wynebu llawer o sialensiau: effeithiau newid yn yr hinsawdd, plâu a chlefydau, colli bioamrywiaeth, llygredd, a gwahanol ddefnyddiau ar dir a dŵr yn cystadlu â'i gilydd. Rhaid inni reoli ein hadnoddau naturiol i gwrdd â'r sialensiau hyn a gwneud ecosystemau yn gryfach, gan sicrhau ein bod yn cyflawni'n cyfrifoldebau cenedlaethol a rhyngwladol.

Mae newid hinsawdd yn real a rhaid i Gymru chwarae'i rhan; rhaid inni leihau ein cyfraniad i allyriadau nwyon tŷ gwydr a gwarchod a gwella ein dalfeydd carbon. Rhaid i Gymru ymaddasu i'r canlyniadau yn deillio o newid yn yr hinsawdd a fydd yn effeithio'n uniongyrchol ar bobl ac yn cael effaith fawr hefyd ar amgylchedd ac adnoddau naturiol Cymru. Mae achosion o blâu a chlefydau, fel *Phytophthora ramorum* mewn coed llarwydd, yn cynyddu, ac yn cael eu dwysáu efallai gan newid hinsawdd. Rydym am ddeall effeithiau newid hinsawdd a bod yn esiampl o ran sut mae rheoli tir a dŵr er mwyn ymaddasu i'w effeithiau a'u lliniaru. Byddwn yn cadw ein hól troed carbon ni ein hunain mor fach â phosibl yn ein busnes o ddydd i ddydd.

Mae llawer o'n cynefinoedd a'n rhywogaethau bywyd gwyllt mewn trwbl, fel yr amlygwyd yn adroddiad Sefyllfa Byd Natur (2013); mae angen inni helpu i arafu colledion cynefin a bioamrywiaeth a, phan fo hynny'n bosibl, eu lliniaru, gan helpu i gyrraedd targedau bioamrywiaeth y Deyrnas Unedig a'r Undeb Ewropeaidd a thargedau rhyngwladol. Mae angen hefyd inni ofalu am ein tirweddau gwarchoddedig, yn cynnwys AHNE, Parciau Cenedlaethol, a thirweddau hanesyddol.

Yn ystod 2013, bu tua 100 achos o lygredd sylweddol yng Nghymru, a dyfarnwyd fod 36 y cant o'n dyfroedd wyneb â statws ecolegol yn 'dda neu well'. Yn yr un cyfnod, roedd 92 y cant o ddyfroedd ymdrochi yn y dosbarthau 'da' neu 'ragorol'.

Mae'r sialensiau yn enfawr. Ni fydd yn hawdd gwneud cynnydd ac nid yw'r adnoddau gennym i fynd i'r afael â'r holl faterion hyn ar ein pen ein hunain. Trwy wneud yn fawr o gyfleoedd i gydweithio y bydd gennym y gobaith gorau o reoli ein hamgylchedd yn gynaliadwy.

Trwy wneud yn fawr o gyfleoedd i gydweithio y bydd gennym y gobaith gorau o reoli ein hamgylchedd yn gynaliadwy.

**Sut byddwn ni'n gweithio'n wahanol:**

- Byddwn yn blaenoriaethu ein hymdrechion lle gallant wneud y gwahaniaeth mwyaf
- Byddwn yn rhoi dull rheoli ar lefel yr ecosystem, a chynllunio a rheoli integredig ar adnoddau naturiol, ar waith wrth i'r gwaith hwnnw ddatblygu
- Byddwn yn defnyddio'r tiroedd a'r dyfroedd rydym ni'n eu rheoli i arddangos y dull gweithredu hwn
- Byddwn yn derbyn bod lledaeniad rhywogaethau estron neu achosion o glefydau yn gallu bod yn anodd eu rhagweld ac y gallai fod angen adnoddau ychwanegol os ydym i'w hatal rhag ymledu.

**Beth fyddwn ni'n gwneud llai ohono:**

- Byddwn yn adolygu ein gwaith rheoli tir a'n gweithgareddau gweithredol ac yn defnyddio dull rheoli ar lefel yr ecosystem i gyflawni mwy gyda llai a gwneud hynny mewn partneriaeth ag eraill
- Byddwn yn adolygu ein gwaith ar ansawdd aer a'r cyngor strategol yr ydym yn ei ddarparu i awdurdodau lleol, ac yn defnyddio'n rôl reoleiddio i sicrhau'r perfformiad gorau gan y rhai yr ydym yn eu rheoleiddio
- Byddwn yn targedu ein gweithgarwch gorfodi, arolygu a thrwyddedu mwyaf trylwyr at y rhai sy'n gweithredu islaw lefel gydymffurfio. Byddwn yn arddel cydnabyddiaeth sydd wedi'i hennill ac yn troedio'n ysgafnach gyda'r rhai y mae eu perfformiad ar lefel cydymffurfio, neu'n mynd y tu hwnt i hynny
- Byddwn yn adolygu'n polisi stocio eog ar afonydd Cymru ac un gweithredu unrhyw newidiadau a fydd yn cyflawni dull rheoli ar lefel yr ecosystem yn well.

**Ein dangosyddion**

**Dangosydd Ea: Yr amgylchedd ddyfriol**

- Cydymffurfio â statws da o dan y Gyfarwyddeb Fframwaith Dŵr.

**Dangosydd Eb: Rheoli coedwigoedd yn gynaliadwy**

- Ein bod yn gwybod bod coetiroedd yn cael eu rheoli yn unol â Safon Coedwigaeth y Deyrnas Unedig (UKFS).

**Dangosydd Ec: Bioamrywiaeth**

- Mynegeion poblogaethau adar a dangosyddion bioamrywiaeth eraill y Deyrnas Unedig ar gyfer safleoedd neu gynefinoedd, y mae modd eu dadgyfuno i lefel Cymru.

**Dangosydd Ed: Newid Hinsawdd**

- Allyriadau nwyon tŷ gwydr yng Nghymru

**Dangosydd Ee: Amgylchedd morol, daearol a dŵr croyw**

- Cyflwr nodweddion safleoedd Natura 2000 morol, daearol a dŵr croyw.

### Ein hymrwymiadau

**E1: Byddwn yn esiampl o ran rheoli'n gynaliadwy y tiroedd a'r dyfroedd rydym ni'n gyfrifol amdanynt, a byddwn yn helpu eraill i wneud yr un fath drwy, er enghraifft:**

- Ddefnyddio dull rheoli ar lefel yr ecosystem ac egwyddorion rheoli adnoddau naturiol mewn modd integredig i ddatblygu cynlluniau ar gyfer y tiroedd a'r dyfroedd rydym ni yn eu rheoli'n uniongyrchol, gan ddeall y cyd-destun y mae'r cynlluniau hyn yn perthyn iddo
- Sicrhau bod y tiroedd a'r dyfroedd rydym ni'n eu rheoli yn cael eu rheoli'n gynaliadwy, yn cynnwys:
  - Ystâd Coetir Llywodraeth Cymru
  - Gwarchodfeydd Natur Cenedlaethol sy'n eiddo inni/yr ydym yn eu rheoli'n uniongyrchol
  - Asedau hanesyddol
  - Asedau a gweithfeydd amddiffyn rhag llifogydd
  - Bwrdd Gwarchod Dyfrdwy
- Darparu pysgodfeydd cynaliadwy a'r rhaglenni cysylltiol, yn amodol ar gyllid.

**E2: Byddwn yn helpu i warchod a gwella ansawdd aer, tir, môr a dŵr drwy, er enghraifft:**

- Ystyried dulliau arloesol diwastraff a gweithio gydag eraill lle mae hynny'n briodol i roi Cyfarwyddbau'r Undeb Ewropeaidd a deddfwriaeth y Deyrnas Unedig a Chymru ar waith. Er enghraifft:
  - y Gyfarwydddeb Fframwaith Dŵr
  - y Gyfarwydddeb Dyfroedd Ymdrochi diwygiedig
  - y Gyfarwydddeb Cynefinoedd
  - Cyfarwydddeb Fframwaith y Strategaeth Forol
  - Natura 2000
  - y Gyfarwydddeb Allyriadau Diwydiannol
 a deddfwriaeth a chonfensiynau yn ymwneud â gwastraff ac ansawdd aer, megis y Confensiwn ar Amrywiaeth Fiolegol a'r Confensiwn Tirweddau Ewropeaidd
- Dylanwadu ar ddatblygu a gweithredu deddfwriaeth, rheoleiddio a pholisïau strategol ac arferion yn ymwneud â defnyddio tir yn gynaliadwy, yn cynnwys y Polisi Amaethyddol Cyffredin (PAC), y Cynllun Datblygu Gwledig (CDG), ac agweddau eraill o amaethyddiaeth a choedwigaeth
- Gweithio gyda Llywodraeth Cymru i ymateb i risgiau a phroblemau yn deillio o blâu, clefydau a rhywogaethau estron goresgynnol
- Cyfrannu tuag at ddatblygu a gweithredu Rhaglen Bontio Forol Llywodraeth Cymru a Chynllun Gweithredu Strategol y Môr a Physgodfeydd.

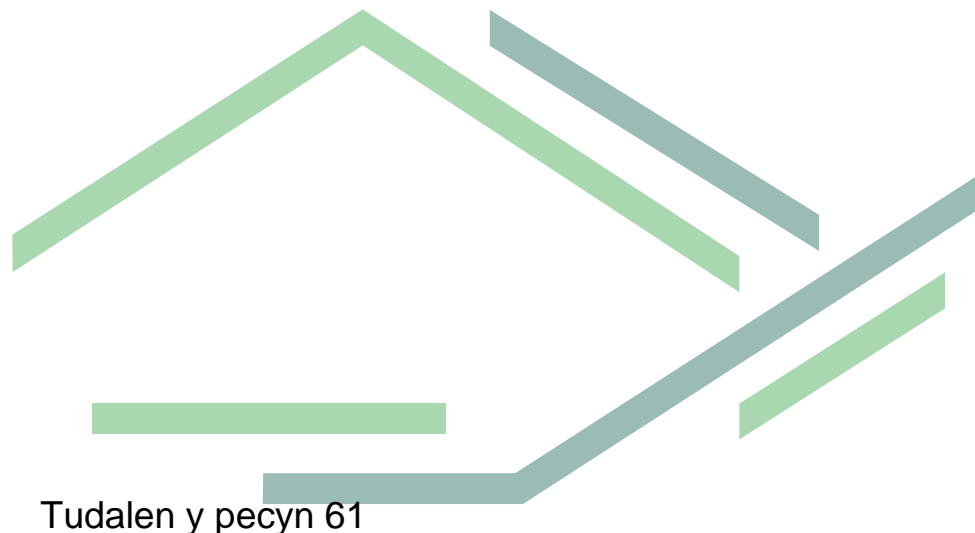
**E3: Byddwn yn chwarae ein rhan ac yn gweithio gydag eraill i atal colli bioamrywiaeth er mwyn helpu i sicrhau y bydd ecosystemau yn gryfach erbyn 2020 drwy, er enghraifft:**

- Chwarae ein rhan yng nghyflawni targedau Bioamrywiaeth Aichi a'r Undeb Ewropeaidd, yn rhan o'n hymroddiad i ddull yr ecosystem.
- Datblygu dulliau gwella rheolaeth ac adfer strategol ar safleoedd dynodedig Cymru, gan ganolbwyntio ar weithredu sy'n esgor ar y canlyniadau gorau, gan gynnwys cynlluniau fel y rhaglen LIFE N2K.
- Gwella'r cysylltiad rhwng cynefinoedd â blaenoriaeth (fel mawn dwfn) a'u hadfer fel rhan o gynlluniau rheoli adnoddau naturiol seiliedig ar ardal.

**E4: Byddwn yn helpu i wneud Cymru'n gryfach i wrthsefyll newid yn yr hinsawdd ac effeithiau eraill, yn ogystal â chefnogi ymdrechion byd-eang i leihau allyriadau nwyon tŷ gwydr drwy, er enghraifft:**

- Ddeall ein cyfraniad ni i liniaru effeithiau newid yn yr hinsawdd drwy ddefnyddio'r tiroedd a'r dyfroedd rydym ni'n eu rheoli a'n hasedau eraill, a cheisio gosod esiimpl o ran rheoli carbon
- Sicrhau bod ymaddasu i newid yn yr hinsawdd yn elfen greiddiol o'n holl feysydd gwaith
- Parhau â'n gwaith rheoli perygl llifogydd yng ngoleuni newid hinsawdd ac ystyried y perygl o lifogydd yn y dyfodol wrth wneud penderfyniadau. Rhoi atebion arloesol ar waith, a gweithio gyda'r amgylchedd naturiol i leihau'r perygl llifogydd mewn ardaloedd trefol a gwledig neu amaethyddol.

**Adnoddau ar gyfer 2014-15:**  
Gwariant: £46 miliwn Staff: 571 FTE



# Da i Bobl...

// **Beth mae 'Da' yn ei olygu:** bod pobl yn saff, ac yn mwynhau ein hadnoddau naturiol ac yn elwa ohonynt, ac yn deall eu perthnasedd i'n bywydau o ddydd i ddydd.



## Da i Bobl



Beth mae 'Da' yn ei olygu: bod pobl yn saff, ac yn mwynhau ein hadnoddau naturiol ac yn elwa ohonynt, ac yn deall eu perthnasedd i'n bywydau o ddydd i ddydd.

### Sialensiau a Chyfleoedd

Mae potensial enfawr i ddefnyddio'n hamgylchedd a'n hadnoddau naturiol i wella iechyd pobl a'r amgylchedd lleol, i gynnal cymunedau lleol a swyddi, ac i ddarparu cyfleoedd hamdden. Mae angen hefyd inni helpu i amddiffyn pobl rhag digwyddiadau amgylcheddol fel llifogydd a llygredd. Daeth hyn yn fwy amlwg yn ddiweddar yn sgil llifogydd arfordirol difrifol: mae 208,000 o adeiladau Cymru ym mherygl llifogydd.

Mae disgwyliad oes *iach* yn amrywio'n enfawr ar draws Cymru (57.1 mlynedd ym Mlaenau Gwent i 68.2 mlynedd yn Sir Fynwy). Mae gwneud mwy o weithgarwch corfforol yn gallu gwella iechyd corfforol a meddyliol, ac mae profi'r amgylchedd naturiol hefyd yn gallu bod yn llesol. O annog mwy o bobl i wneud mwy yn yr awyr agored, mae potensial i effeithio'n gadarnhaol ar iechyd a lles pobl.

Mae trechu tloidi yn flaenoriaeth allweddol. Er bod tloidi'n rhywbeth sy'n cael ei ystyried mewn cyd-destun trefol yn aml, mae tloidi gwledig hefyd yn fater pwysig.

Mae amgylchedd Cymru yn lle gwych i ddysgu ynddo, ac i ddysgu amdano. Mae ysgolion, prifysgolion, colegau a'r cyhoedd i gyd yn defnyddio ein hadnoddau naturiol fel adnodd dysgu penigamp. Byddwn yn helpu pobl i ailgysylltu â'n hadnoddau naturiol, a deall eu pwysigrwydd a'u perthnasedd i fywyd bob dydd. Gall codi ymwybyddiaeth o faterion amgylcheddol helpu pobl i wneud penderfyniadau ar sail gwybodaeth, a helpu i warchod ein hamgylchedd ar gyfer y dyfodol.

Mae'n hanfodol fod y cyfleoedd rydym ni'n eu darparu, neu'n helpu eraill i'w darparu, mor gynhwysol â phosibl. Rhaid iddynt ystyried pobl o wahanol oedran, o wahanol hil neu ffydd, gydag anableddau, neu gydag unrhyw rai o'r nodweddion gwarchodedig yn Neddf Cydraddoldeb 2010. Rydym am ddarparu ar gyfer ystod eang o bobl a darparu cyfleoedd i'r cymunedau rydym ni'n eu gwasanaethu.



Byddwn yn helpu pobl i ailgysylltu â'n hadnoddau naturiol, a deall eu pwysigrwydd.

#### Sut byddwn ni'n gweithio'n wahanol:

- Byddwn yn sicrhau ein bod yn integreiddio'r cyfleoedd hamdden rydym ni'n eu cynnig ar dir a dŵr gyda darparwyr eraill, gan ategu'u harlwy nhw yn hytrach na chystadlu yn eu herbyn
- Byddwn yn adeiladu ar ein gwaith presennol mewn ardaloedd trefol i sicrhau bod mannau gwyrdd yn asedau gwerthfawr i'n trefi a'n dinasoedd
- Byddwn yn gweithio'n agosach mewn partneriaeth â chymunedau, ac yn gwrandao ar ddinasyddion lleol a gweithio gyda nhw, a hynny'n cynnwys pobl o'r grwpiau sydd â nodweddion gwarchoddedig, gan dargedu ein hymdrechion at y cymunedau mwyaf difreintiedig.

#### Beth fyddwn ni'n gwneud llai ohono:

- Byddwn yn targedu ein gweithgareddau datblygu mynediad a hamdden at y safleoedd hynny sy'n fwyaf poblogaidd gyda phobl neu sydd yn ein cymunedau tlotaf
- Byddwn yn lleihau'r seilwaith ymwelwyr mwy costus mewn mannau lle byddai'r galw'n awgrymu darpariaeth lai ffurfiol, dan arweiniad defnyddwyr, ynghyd â gwybodaeth dda
- Byddwn yn gwreiddio ein rôl addysgu yn ein gweithgareddau cyflawni craidd ac yn cefnogi gweithwyr addysg proffesiynol gyda gwaith maes, yn unol â'n hymrwymiad i hyrwyddo a hybu cydraddoldeb i holl bobl Cymru.

### Ein dangosyddion

#### Dangosydd Pa: Perygl llifogydd a rheoli llifogydd

- Nifer yr eiddo sydd â thebygolrwydd is o gael llifogydd.

#### Dangosydd Pb: Hamdden ac iechyd a lles

- Y ganran o'r bobl sy'n byw yng Nghymru sy'n defnyddio'r awyr agored ar gyfer hamdden yn unol â'r lefelau isafswm o weithgarwch corfforol sy'n ofynnol i gael bywyd iach.

#### Dangosydd Pc: Agosrwydd man gwyrdd

- Y ganran o'r boblogaeth sydd â mynediad at fan gwyrdd naturiol, megis coetir, parciau neu fan agored.

#### Dangosydd Pd: Gwirfoddoli a datblygu sgiliau yn yr amgylchedd

- Nifer y gwirfoddolwyr sy'n cael eu cynnal yn uniongyrchol gan Cyfoeth Naturiol Cymru neu'u hwyluso drwy Coetiroedd a Chi (a chynlluniau olynol).

#### Dangosydd Pe: Addysgu, dysgu a sgiliau sector

- Nifer y sefydliadau addysgol y mae Cyfoeth Naturiol Cymru yn eu cynorthwyo i ddefnyddio'r amgylchedd ar gyfer addysg, dysgu a sgiliau sector.

#### Dangosydd Pf: Effeithiau economaidd

- Buddion ac effaith economaidd hamdden yng Nghymru, gan ddefnyddio'r Llwybr Arfordir fel enghraifft
- Gwerth cyfleoedd masnachol lleol ar raddfa fach sy'n cael eu galluogi gan Cyfoeth Naturiol Cymru ar y tiroedd a'r dyfroedd y mae'n eu rheoli.

### Ein hymrwymiaidau

**P1: Byddwn yn ymateb mewn ffordd effeithiol, wedi'i chyd-drefnu, i ddigwyddiadau a risgiau amgylcheddol, megis llifogydd, digwyddiadau llygru ac achosion o glefydau, ac yn helpu i leihau'r perygl o lifogydd i bobl ac eiddo drwy, er enghraifft:**

- Adeiladu, cynnal a chadw a gweithredu amddiffynfeydd rhag llifogydd a rhoi ffyrdd arloesol ar waith o reoli ucheldir ac iseldir er mwyn dal ac arafu dŵr, i helpu i leihau'r perygl o lifogydd i gymunedau
- Codi ymwybyddiaeth pobl o'u perygl o lifogydd a pha gamau y mae angen iddynt eu cymryd
- Lleihau'r nifer o ddigwyddiadau llygru difrifol drwy ddull gweithredu seiliedig ar risg, sydd wedi'i flaenoriaethu
- Cynnal ein cyfrifoldebau er mwyn helpu i sicrhau diogelwch y cyhoedd yn ein coedwigoedd, ar Warchodfeydd Natur Cenedlaethol ac yn gysylltiedig â'r amddiffynfeydd rhag llifogydd yr ydym yn eu rheoli.

**P2: Byddwn yn darparu ac yn galluogi cyfleoedd hamdden a mynediad a fydd yn cyfrannu at wella iechyd a lles pobl drwy, er enghraifft:**

- Ddatblygu ein strategaeth hamdden a mynediad a'i rhoi ar waith, gan gwmpasu pob agwedd o'n swyddogaethau hamdden a chanlyniadau busnes perthnasol
- Defnyddio cyfleoedd hamdden ar y tiroedd a'r dyfroedd rydym ni yn eu rheoli i wella lles meddyliol a chorfforol pobl. Gwneir hyn drwy weithio mewn ffordd deg, gyda rhaglen o weithgareddau y cytunir arni gyda'n rhanddeiliaid, yn cynnwys gweithwyr iechyd proffesiynol a rhwydweithiau hamdden awyr agored
- Rhoi cynlluniau ar waith ar ran Llywodraeth Cymru, yn cynnwys Rhaglen Ddatblygu Llwybr Arfordir Cymru.

**P3: Byddwn yn helpu i sicrhau bod pobl yn gallu byw a gweithio mewn amgylchedd safonol ac ymweld ag amgylchedd felly, yn cynnwys y rheini mewn ardaloedd trefol a'r rhai yn ein cymunedau mwyaf difreintiedig, a byddwn yn sianelu budd economaidd i helpu i drechu tlodi drwy, er enghraifft:**

- Weithio gyda sefydliadau eraill i ddatblygu rhaglen o brosiectau, yn cynnwys prosiect 'Cynefin' Llywodraeth Cymru, i wella ansawdd amgylcheddol yn lleol a darparu cyfleoedd i gymunedau difreintiedig. Mae hyn yn cynnwys prosiectau adfywio trefol
- Gweithio gyda chymunedau lleol i ddenu mwy o bobl i ymwneud â phenderfyniadau seiliedig ar le, a datblygu cynlluniau ar gyfer y dyfodol gyda'n gilydd gan ddefnyddio egwyddor perchenogaeth gymunedol a chydgyhyrchu, yn enwedig gerllaw tiroedd a dyfroedd rydym ni'n eu rheoli
- Gwneud yn fawr o fudd economaidd ein gwaith, gan ganolbwyntio'n arbennig ar ardaloedd Cymunedau'n Gyntaf a chymunedau eraill lle mae tystiolaeth o amddifadedd.

**P4: Byddwn yn darparu ac yn galluogi cyfleoedd i bobl fwynhau'r amgylchedd, dysgu ynddo, a dysgu amdano, drwy, er enghraifft:**

- Ddarparu cyfleoedd dysgu a sgiliau, cyngor ac arweiniad, yn yr amgylchedd ac am yr amgylchedd, yn cynnwys ymweliadau i bob oedran a gallu ac yn arbennig ar gyfer pobl ifanc
- Sefydlu cysylltiadau â Llywodraeth Cymru i sicrhau bod deunyddiau ac ymweliadau addysgol, yn gysylltiedig â'r cwricwlwm, yn briodol a bod sylw'n cael ei roi i flaenoriaethau Llywodraeth Cymru
- Datblygu ein dull o ymdrin â gwirfoddoli drwy weithio mewn partneriaeth ag eraill, a gweithio gyda rhwydweithiau gwirfoddolwyr sy'n bodoli'n barod.

**Adnoddau ar gyfer 2014-15:**

**Gwariant:** £50 miliwn **Staff:** 428 FTE



# Da i Fusnes...

// Beth mae 'Da' yn ei olygu: bod yn 'lleoliad delfrydol' i fusnes a menter, yn fan lle caiff yr arferion rheoli amgylcheddol gorau eu mabwysiadu a'u hannog.



## Da i Fusnes



Beth mae 'Da' yn ei olygu: bod yn 'lleoliad delfrydol' i fusnes a menter, yn fan lle caiff yr arferion rheoli amgylcheddol gorau eu mabwysiadu a'u hannog.

### Sialensiau a Chyfleoedd

Mae ein rhanddeiliaid wedi dweud wrthym fod y rhan fwyaf o'r busnesau rydym ni'n gweithio gyda nhw yn rhannu ein hamcanion amgylcheddol ac y byddent yn croesawu mwy o gydweithio, a threfniadau symlach. Mae hyn yn golygu gweithio gyda'n gilydd o'r cychwyn, gan rannu gwybodaeth a chynghor, cysylltu â chyrff masnach neu bartneriaethau, ac ystyried busnesau gwledig ac amaethyddol yn ogystal â diwydiant. Gan weithio gyda'n gilydd, byddwn yn chwilio am atebion ac ymatebion amserol, gan warchod a gwella'r amgylchedd yr un pryd. Byddwn yn gyson, teg a thryloyw ym mhopeth a wnawn a byddwn yn ystyried materion trawsffiniol. Mae angen inni ddefnyddio ein hadnoddau naturiol yn fwy effeithlon ac effeithiol wrth inni symud tuag at economi carbon isel, yn cynnwys cynhyrchu ynni.

Mae 'twf gwyrdd' yn flaenoriaeth o ran gweithredu, ac mae'n allweddol i ddyfodol Cymru. Yn ogystal â thwf economaidd, mae'n creu cyfleoedd lleol i adfer cymunedau, a'r gallu i ddefnyddio'n hadnoddau naturiol i wireddu blaenoriaethau Llywodraeth Cymru o ran creu swyddi a thwf a threchu tlodi. Mae ystyried arferion caffael sy'n caniatáu mynediad i fentrau bach, lleol a chymdeithasol yn bwysig yma, ynghyd â chael gwerth am arian. Yn ogystal â swyddi, gall yr amgylchedd ddarparu cyfleoedd hyfforddi a datblygu sgiliau sy'n gallu arwain at gyflogaeth mewn sectorau eraill.

Mae rhyw 1,700 o safleoedd diwydiannol, gwastraff a dŵr yn cael eu rheoleiddio ar draws Cymru. Ar hyn o bryd caiff 48 y cant o wastraff masnachol a diwydiannol ei aildefnyddio neu'i ailgylchu, ond mae 36,000 achos o dipio anghyfreithlon bob blwyddyn. Gall gwastraff fod yn adnodd gwerthfawr - yn darparu ynni, neu ddefnyddiau adeiladu, er enghraifft.

Rydym yn marchnata dros 878,000 metr ciwbig o bren bob blwyddyn, yn cyflawni 300 o gontractau cyneafu, ac yn darparu cyflogaeth yn y sector coedwigaeth drwy ein contractwyr a'r busnesau sy'n ychwanegu gwerth pellach i'r pren yr ydym yn ei werthu. Rydym hefyd yn creu incwm drwy feisydd parcio a chyfleusterau eraill i ymwelwyr ar ein prif safleoedd hamdden. Rydym yn rhedeg cynllun ffioedd trwyddedu sy'n gweithio ar sail adennill costau. Rydym yn cynnal busnesau a mentrau ar yr ystâd yr ydym yn ei rheoli, yn cynnwys ynni adnewyddadwy megis datblygiadau ffermydd gwynt a phŵer trydan dŵr. Yn ogystal â cheisio datblygu'r cyfleoedd hyn ymhellach, rydym hefyd yn ystyried ffyrdd newydd o gynhyrchu incwm. Gall yr incwm gael ei ailfuddsoddi wedyn er budd ein hadnoddau naturiol a'r amgylchedd.

// Gan weithio gyda'n gilydd, byddwn yn chwilio am atebion ac ymatebion amserol, gan warchod a gwella'r amgylchedd yr un pryd.

#### **Sut byddwn ni'n gweithio'n wahanol:**

- Ein nod yw defnyddio mwy ar ddull rheoli ar lefel yr ecosystem seiliedig ar risg, a fydd yn golygu ffyrdd newydd o weithio gyda'n cwsmeriaid ac o fewn y sefydliad
- Byddwn yn darparu cyngor cynllunio clir, gyda thystiolaeth dda yn gefn iddo, a phenderfyniadau mewn da bryd er mwyn helpu i gyrraedd y safonau amgylcheddol uchaf a rheoli ein hadnoddau naturiol yn gynaliadwy. Mae hyn yn golygu y byddwn yn canolbwyntio mwy ar ddylanwadu ar gynlluniau strategol cenedlaethol a lleol a llai ar ymatebion tactegol. Byddwn hefyd yn ceisio creu fframwaith sy'n hybu datblygu prosiectau ynni adnewyddadwy ar raddfa briodol ac mewn mannau priodol
- Byddwn yn datblygu ac yn gweithredu strategaeth reoleiddio newydd a fydd yn annog gwell perfformiad amgylcheddol gan fusnesau sy'n cael eu rheoleiddio, Bydd hefyd yn lleihau'r nifer o safleoedd didrwydded sy'n peri risg arwyddocaol i'r amgylchedd. Gwneir hyn drwy ddarparu gwybodaeth a chyngor, ac ystyried materion trawsffiniol
- Byddwn yn gweithio gydag eraill i ganfod cyfleoedd newydd ar gyfer busnes a swyddi, yn enwedig mewn ardaloedd difreintiedig, a byddwn yn tyfu ein hincwm i'w ailfuddsoddi yn ein blaenoriaethau uchaf. Bydd rheoli'r adnoddau naturiol sy'n cael eu rheoli'n uniongyrchol gennym ni mewn modd cynaliadwy yn golygu bod modd arddel a chefnogi datblygiadau a buddsoddiadau busnes arloesol.

#### **Beth fyddwn ni'n gwneud llai ohono:**

- Byddwn yn darparu ymatebion cynllunio strategol ar lefel leol a chenedlaethol, gan ddibynnu ar gyngor sefydlog ac ymdrin ag ardal yn ei chyfanrwydd yng nghyswllt y rhan fwyaf o geisiadau cynllunio unigol
- Byddwn yn symleiddio ein prosesau trwyddedu, gan ddibynnu ar drwyddedau symlach i'r rhai y mae eu perfformiad yn cydymffurfio â'r safonau gofynnol
- Byddwn yn cryfhau ac yn gwella'r rheolaeth o safleoedd gwarchodedig fel eu bod mor effeithiol, cryf ac amrywiol ag y gallant fod cyn inni geisio rhai newydd. Byddwn hefyd yn symleiddio'r broses o'u dynodi
- Byddwn yn ymgynghori ynghylch cynigion i godi ffioedd am gyngor cyn ymgeisio ac yn sicrhau bod ein ffioedd rheoleiddio yn cydymffurfio ag egwyddor 'y llygrwr sy'n talu' ac yn clirio'r costau rheoleiddio yn yr ystyr ehangaf.

### Ein dangosyddion

#### **Dangosydd Ba: Prosesu ceisiadau**

- Penderfynu ar geisiadau am drwydded/caniatâd o fewn yr amserlenni statudol.

#### **Dangosydd Bb: Rheoli safleoedd**

- Y gyfran o safleoedd sy'n gwneud gweithgareddau sy'n cael eu rheoleiddio y mae eu perfformiad amgylcheddol yn gwella.

#### **Dangosydd Bc: Dod â safleoedd i mewn i gyfundrefn reoli**

- Y nifer o safleoedd didrwydded sy'n peri risg arwyddocaol i'r amgylchedd a gaiff eu tynnu i mewn i gyfundrefn reoli, neu'u cau.

#### **Dangosydd Bd: Ein rôl fel ymgynghorai statudol**

- Y gyfran o ymgynghoriadau cynllunio yr ymatebir iddynt o fewn y safon gwasanaeth y cytunwyd arni.

#### **Dangosydd Be: Cynhyrchu incwm**

- Incwm o weithgareddau menter Cyfoeth Naturiol Cymru.

### Ein hymrwymiaidau

**B1: Fel rheoleiddiwr, byddwn yn darparu cyngor wedi'i seilio ar dystiolaeth a phenderfyniadau clir mewn da bryd i alluogi busnesau yng Nghymru i weithredu'n effeithiol a chyrraedd y safonau amgylcheddol uchaf drwy, er enghraifft:**

- Barhau i ddatblygu ein Canolfan Gofal Cwsmeriaid fel pwynt cyswllt sengl i'n cwsmeriaid a chynyddu ein sylfaen gwybodaeth yn barhaus
- Datblygu ein systemau rheoleiddio, yn cynnwys cyfleoedd Rheoleiddio'n Well er mwyn symleiddio'r gwasanaethau a lleihau'r costau i gwsmeriaid
- Symleiddio ein gweithdrefnau gweinyddol o ran dynodi Safleoedd o Ddiddordeb Gwyddonol Arbennig a datgan Gwarchodfeydd Natur Cenedlaethol, i wneud y rhain yn fwy effeithlon.



**B2: Byddwn yn gweithio gyda busnes, diwydiant a llywodraeth i gefnogi datblygu seilwaith allweddol ac i annog datblygu yn y lleoedd iawn er mwyn sicrhau bod ein hadnoddau naturiol yn cael eu rheoli'n gynaliadwy drwy, er enghraifft:**

- Ddatblygu un gwasanaeth trwyddedu a chaniatáu, yn seiliedig ar safonau a phrosesau cyffredin, i gael ei ddylunio ar y cyd â'n rhanddeiliaid
- Rhoi ein cynllun pontio o ran Cynllunio Gwlad a Thref ar waith, yn cynnwys ein trefn newydd er darparu cyngor ymgynghorol ym maes cynllunio
- Rhoi cyngor ynglŷn â Chynlluniau Datblygu Lleol, strategaethau rhanbarthol a'r fframwaith datblygu y mae Llywodraeth Cymru yn ei greu ar hyn o bryd.

**B3: Byddwn yn gweithio'n agos gydag eraill i ganfod, datblygu a chefnogi cyfleoedd busnes newydd a chyfleoedd newydd ar gyfer swyddi a hyfforddiant, er mwyn creu gweithlu medrus yng Nghymru drwy, er enghraifft:**

- Hwyluso cyfleoedd busnes newydd, datblygu ein gallu ym maes menter, a gweithio gyda Llywodraeth Cymru ac eraill i gefnogi cynlluniau, yn awr ac i'r dyfodol, yn cynnwys cynhyrchu ynni adnewyddadwy, yn ogystal â chyfleoedd hamdden a thwristiaeth
- Comisiynu astudiaeth o'n heffaith ni ar y buddion economaidd cymdeithasol sy'n deillio o ddatblygiadau ynni
- Cefnogi'r rhaglen ynni gwynt a rhoi ein rhaglen hydro-electrig ar waith ar dir rydym ni'n ei reoli.

**B4: Byddwn yn cynyddu'n hincwm o fewn ein diben, gan ailfuddsoddi'r incwm hwnnw i ddarparu budd cyhoeddus pellach drwy, er enghraifft:**

- Gwblhau ein hastudiaethau dichonoldeb o syniadau newydd yn ein Fframwaith Menter, gan edrych ar chwaraeon moduro, pren â gwerth ychwanegol, tai, telathrebu, canolfannau ymwelwyr, ffilmio, mwynau a hamdden
- Marchnata coed o ystâd coetir Llywodraeth Cymru yn unol â'n strategaeth farchnata: rhyw 878,000 metr ciwbig o goed safadwy, yn eu rhisgl; o hynny, bydd 332,000 metr ciwbig yn llarwydd
- Cynhyrchu incwm allanol drwy i'n labordy ddarparu gwasanaeth dadansoddi.

**Adnoddau ar gyfer 2014-15:**  
Gwariant: £34 miliwn Staff: 388 FTE

# Sefydliad Da...

// Beth mae 'Da' yn ei olygu: yn cael ei arwain a'i reoli'n dda, gyda staff â sgiliau a phrofiad addas a systemau a phrosesau creiddiol effeithiol; yn dryloyw yn ein penderfyniadau ac yn gwella'n gwasanaeth i gwsmeriaid a phartneriaid yn barhaus, gan feincnodi ein hunain yn erbyn y goreuon.

## Sefydliad Da

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### Sialensiau a Chyfleoedd

Fel sefydliad newydd, mae angen inni ddatblygu ein hunain a'n ffyrdd o weithio. Mae angen inni ddatblygu ein gallu strategol a thechnegol i sefyll ar ein traed ein hunain, a gwneud penderfyniadau yng Nghymru ar gyfer Cymru drwy leihau ein dibyniaeth ar systemau etifeddol. Dim ond drwy fabwysiadu dull rheoli ar lefel yr ecosystem yn sail i'n penderfyniadau y gallwn fynd i'r afael â llawer o'n sialensiau busnes. Bydd angen inni ddatblygu ein hased pwysicaf, ein staff, i'w helpu nhw i ddeall beth mae hyn yn ei olygu yn ymarferol a'u cynorthwyo i arddel y ffordd newydd hon o weithio.

Mae angen inni ddal i wella ein gwasanaeth i gwsmeriaid a gweithio'n agosach fyth gyda rhanddeiliaid. Rydym am fod yn deg, yn gyson ac yn dryloyw yn ein trafodion gyda phartneriaid a gweithio gyda nhw i gael y canlyniadau gorau iddyn nhw ac i'r amgylchedd a'i adnoddau naturiol. Bwriadwn fanteisio ar botensial technoleg ddigidol i yrru ein costau i lawr a gwella gwasanaethau'n allanol i gwsmeriaid ac yn fewnol i'r staff.

Er mwyn gwneud yn fawr o'r adnoddau sydd ar gael inni yn ein gwaith, mae angen inni fod yn fwy effeithlon, entrepreneuriaid ac arloesol. Mae angen inni gynhyrchu rhagor o incwm i'w ailfuddsoddi yn ein gwasanaethau, lle gallwn fanteisio ar gyfleoedd sy'n cyd-fynd â'n diben a'n blaenoriaethau. Mae angen inni weithio gyda'n staff a'r undebau i greu disgwyladau yr ydym yn eu rhannu o ran perfformiad ac ymrwymiad i'n gwerthoedd a'n diben.

Mae gennym raglen sylweddol o newid er mwyn sefydlu ein gallu annibynnol llawn ein hunain yn ogystal â datblygu ein diwylliant, ffyrdd o weithio, systemau a phrosesau, a sicrhau ein bod yn gwneud yr arbedion a'r newidiadau effeithlonrwydd sy'n ofynnol gennym dros y deng mlynedd nesaf. Rydym am fod yn sefydliad sy'n hyblyg ei ymagwedd, yn barod i ymateb i anghenion cwsmeriaid, ac yn cyflawni canlyniadau yn y ffordd fwyaf cost effeithiol. Pan fyddwn wedi gwneud y newidiadau hyn, bydd gwelliannau yn ansawdd y gwasanaethau yr ydym yn eu darparu a lefel uwch o effeithlonrwydd yn amlwg ar draws ein holl fusnes.

// Rydym am fod yn sefydliad sy'n hyblyg ei ymagwedd, yn barod i ymateb i anghenion cwsmeriaid, ac yn cyflawni canlyniadau yn y ffordd fwyaf cost effeithiol.

#### **Sut byddwn ni'n gweithio'n wahanol:**

- Bydd gennym ffocws cryf ar gyflawni ein blaenoriaethau busnes i Gymru; bydd ein penderfyniadau, y ffordd y caiff adnoddau eu dyrannu a'r ffordd y caiff perfformiad ei reoli i gyd yn gyson â'i gilydd er mwyn cyflawni hyn
- Bydd cydgyssylltu'n gwasanaethau yn fewnol yn help inni fod yn fwy effeithlon
- Byddwn yn dod yn fwy entrepreneuriaidd yn y ffordd yr ydym yn cyflenwi ein gwasanaethau craidd a hefyd wrth ddatblygu cyfleoedd newydd sy'n cyd-fynd â'n diben
- Byddwn yn ystyried ffyrdd gwahanol o gyflenwi ein gwasanaethau cymorth busnes; ffyrdd mwy effeithlon, a mwy o gysylltiad â phartneriaid a sefydliadau eraill.

#### **Beth fyddwn ni'n gwneud llai ohono:**

- Byddwn yn lleihau'r pwyntiau cyswllt niferus â'r sefydliad neu ddulliau mewnol eu gogwydd sy'n aneffeithlon ac oeraidd
- Byddwn yn dibynnu llai ar broses a mwy ar rymuso ein staff ac ymddiried ynddynt i gyflawni'n blaenoriaethau
- Bydd llai o systemau trafodion seiliedig ar bapur; byddwn yn buddsoddi mewn dulliau digidol sy'n fwy effeithlon ac effeithiol
- Bydd llai o gyhoeddi anstatudol nad yw'n help uniongyrchol i gyflawni'n blaenoriaethau
- Byddwn yn adolygu ein modelau llywodraethu ariannol ac yn eu symleiddio fel ei bod yn haws gwneud busnes â ni a bod ein prosesau'n haws eu rhedeg. Lle bynnag y mae hynny'n bosibl, byddwn yn ceisio cyrraedd lefelau meincnod Swyddfa'r Cabinet o ran ein swyddogaethau cymorth, neu ragori arnynt.

#### **Ein dangosyddion**

**Dangosydd Oa:** Mynegai bodlonrwydd cwsmeriaid a rhanddeiliaid

**Dangosydd Ob:** Mynegai ymgysylltu staff

**Dangosydd Oc:** Cynnydd tuag at dargedau meincnod Llywodraeth Cymru/Swyddfa'r Cabinet i wasanaethau cymorth, yn cynnwys adeiladau

**Dangosydd Od:** Cyflawni'r Achos Busnes diwygiedig gan dracio buddion ariannol a buddion nad ydynt yn rhyddhau arian

**Dangosydd Oe:** Lleihau ôl troed carbon y sefydliad

## Ein hymrwymiaidau

**O1: Byddwn yn gwella'n gwasanaethau i gwsmeriaid a'n perthynas â rhanddeiliaid a phartneriaid yn barhaus drwy weithredu agored a chydweithio, drwy, er enghraifft:**

- Ddarparu cymorth busnes a gofal cwsmeriaid effeithlon ac effeithiol i staff a chwsmeriaid
- Sicrhau bod ein cyfathrebu â rhanddeiliaid a'n gwaith gyda nhw yn effeithiol ac yn gyson â'n Cynllun Busnes
- Rhoi ein Cynllun Iaith Gymraeg ar waith.

**O2: Byddwn yn gweithio'n fwy effeithlon er mwyn cynyddu'n hincwm, o fewn ein diben, er mwyn gallu defnyddio'r arbedion hyn i ddarparu mwy o fudd i'r cyhoedd drwy, er enghraifft:**

- Sefydlu trefn hunanwasanaeth a dulliau digidol o ran ein gwasanaethau i gwsmeriaid, lle mae hyn yn gwella perfformiad ac yn lleihau costau
- Cyflawni ein strategaethau o ran ein fflyd drafnidiaeth, rheoli cyfleusterau, diogelwch ac adeiladau, i sicrhau ein bod yn ddarparu'r gwasanaeth mwyaf effeithlon, â'i ffocws ar y cwsmer
- Ennill a chynnal achrediad ISO 14001 o ran ein rheolaeth amgylcheddol a bod yn esiampl i eraill mewn meysydd fel defnyddio carbon, gwastraff a dŵr.

**O3: Byddwn yn datblygu diwylliant sy'n cynnal ein gwerthoedd, yn cynyddu ein sylfaen sgiliau, yn ehangu ein hyblygrwydd a'n hamrywiaeth, ac yn gwella ein safonau iechyd a diogelwch drwy, er enghraifft:**

- Ddatblygu'r sefydliad, a helpu staff i adlewyrchu'r gwerthoedd, yr amrywiaeth a'r diwylliant yr ydym am eu harddel
- Cynyddu gallu'r gweithlu drwyddo draw, yn cynnwys arweinyddiaeth strategol drwy fuddsoddi mewn dysgu a datblygu
- Parhau i ddarparu swyddi medrus o ansawdd uchel yng Nghymru drwy ddatblygu'r staff presennol yn barhaus a thrwy barhau â chynlluniau prentisiaeth, a gweithio mewn partneriaeth â ddarparwyr dysgu a hyfforddiant i hyrwyddo a datblygu cyflogaeth yn sector yr amgylchedd.

**Adnoddau ar gyfer 2014-15:**  
Gwariant: £37 miliwn Staff: 301 FTE

## Pa mor dda ydym ni'n gwneud? Rhoi gwybod am ein cynnydd

Fel sefydliad cyflawni, mae angen inni allu dangos pa mor dda rydym ni wedi gwneud, yn unigol ac ar y cyd â'n partneriaid, ac a yw pobl a chymunedau ar eu hennill o ganlyniad.

Mae ein sgysrsiau gyda rhanddeiliaid a staff wedi dangos yn glir inni beth mae'n cwsmeriaid am inni ei wneud, beth mae llwyddiant yn ei olygu, ac maent wedi ein galluogi i ddatblygu set o ddangosyddion i ddangos ein cyfraniad ni at y canlyniadau yr ydym yn eu rhannu gyda Llywodraeth Cymru. Mae'r Cynllun Corfforaethol yn cynnwys y dangosyddion lefel uchel hyn.

Byddwn hefyd yn cyhoeddi set o fesurau perfformiad, yn deillio o'n Cynllun Busnes, i ddangos ein hallbynnau – faint rydym ni wedi'i wneud, pa mor dda ydym ni wedi'i wneud, a beth yw'r canlyniadau. Byddwn yn cyhoeddi hyn fel ein Dangosfwrdd Corfforaethol.

Mae Cynlluniau Cyflawni ar gyfer pob Cyfarwyddiaeth unigol, a datganiadau unigol o gyfraniad ar gyfer pob aelod staff, yn eistedd o dan y Cynllun Busnes a'r Cynllun Corfforaethol. Mae dolen gyswllt glir felly o'n canlyniadau ni ein hunain a'r rhai yr ydym yn eu rhannu gyda Llywodraeth Cymru reit drwodd hyd at swydd aelod unigol o'r staff.

Gyda'i gilydd mae'r Cynllun Corfforaethol, gyda'i ddangosyddion, a'r Cynllun Busnes, gyda'i Ddangosfwrdd Corfforaethol, yn darparu Fframwaith Perfformiad sy'n ein galluogi i fonitro ein gwaith a'i effaith ar ein hamgylchedd.

Byddwn yn agored wrth roi gwybod sut yr ydym wedi cyflawni yn erbyn ein Cynllun Corfforaethol a'r Cynllun Busnes. Byddwn yn cyhoeddi canlyniadau yn ein Hadroddiad Blynyddol a bydd ein Bwrdd yn craffu'n gyhoeddus ar ein perfformiad o leiaf dair gwaith y flwyddyn.

Gydag unrhyw sylwadau neu ymholiadau pellach, neu i gael copi o'r ddogfen hon mewn fformat amgen, cysylltwch â **[ymholiadau@cyfoethnaturiolcymru.gov.uk](mailto:ymholiadau@cyfoethnaturiolcymru.gov.uk)**





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**Os hoffech gael y ddogfen hon mewn  
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**Budget Management Report - December  
2013**

	Actual to Date	Budget to Date	Variance	Variance	Annual Budget
	£000's	£000's	£000's	%	£000's
<b><u>NRW - EXPENDITURE SUMMARY</u></b>					
Staff	52,118	52,285	167	0.3%	68,879
Other Operational Costs	48,482	48,543	61	0.1%	73,048
Revenue Projects	12,160	12,889	729	5.7%	23,574
Capital Projects	19,529	20,015	485	2.4%	31,203
<b>Total Expenditure</b>	<b>132,289</b>	<b>133,732</b>	<b>1,442</b>	<b>1.1%</b>	<b>196,704</b>
<b><u>Expenditure by Directorate</u></b>					
Chief Executive Office	308	321	13	4.1%	422
Transition	5,067	4,721	-346	-7.3%	8,940
Governance & Communication	2,188	2,220	32	1.5%	3,022
Operations North & Mid Wales	16,316	16,451	136	0.8%	24,161
Operations South	23,261	23,510	249	1.1%	33,162
Knowledge, Strategy & Planning	19,307	19,785	478	2.4%	31,004
National Services	35,360	36,385	1,024	2.8%	53,398
OD & People Management	6,606	6,691	85	1.3%	7,736
Finance & Corporate assets	23,876	23,647	-229	-1.0%	34,860
<b>Total Expenditure</b>	<b>132,289</b>	<b>133,732</b>	<b>1,442</b>	<b>1.1%</b>	<b>196,704</b>
<b><u>NRW INCOME SUMMARY</u></b>					
Charge Income - EPR	-12,288	-12,492	-204	-1.6%	-13,110
Charge Income - WR	-19,732	-19,755	-23	-0.1%	-19,755
Charge Income - Fisheries	-730	-1,079	-349	-32.3%	-1,385
Charge Income - Other	-3,618	-3,769	-151	-4.0%	-4,752
Commercial & Other Income	-12,717	-11,889	828	7.0%	-19,000
European & Other External	-6,148	-6,043	104	1.7%	-10,178
<b>Total - Income</b>	<b>-55,233</b>	<b>-55,028</b>	<b>205</b>	<b>0.4%</b>	<b>-68,179</b>
<b>Total - Grant in Aid</b>	<b>-89,702</b>	<b>-89,701</b>	<b>0</b>	<b>0.0%</b>	<b>-127,736</b>

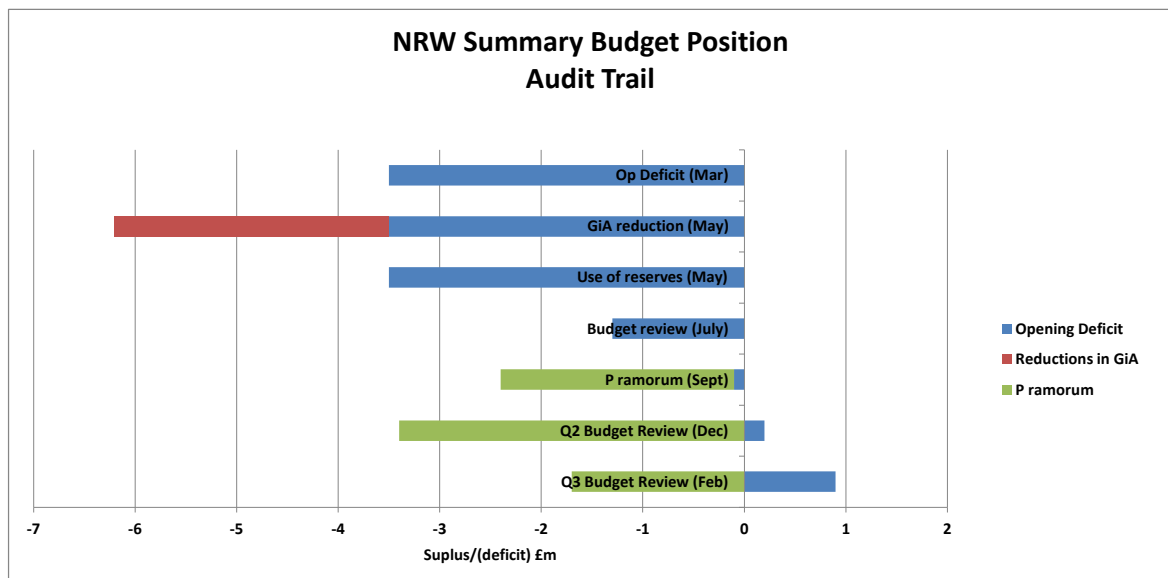
<b>Deficit</b>	<b>789</b>
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**NRW Budget Position 2013/14**  
**Summary Audit Trail of Movements**

ANNEX 6

	Board Meeting						
	Mar 2013	May 2013	July 2013	Sept 2013	Oct 2013	Dec 2013	Feb 2014
	£m	£m	£m	£m	£m	£m	£m
<b>Opening Surplus/(Deficit)</b>		-3.5	-3.5	-1.3	-2.4	-2.4	-3.2
<b>Pressures:</b>							
WG - JNCC to be funded from baseline budget		-0.7					
WG - EAW GiA clawed back in 12/13		-0.9					
WG - reduction in additional GiA		-1.0					
Other		-0.1					
Reduction in original income budget						-1.0	
P Ramorum increase in budget allocation				-2.0		-1.4	-0.8
Q2 Budget Review						-0.7	
Q3 Budget Review							-0.2
<b>Total Pressures</b>		<b>-2.7</b>	<b>0.0</b>	<b>-2.0</b>	<b>0.0</b>	<b>-3.1</b>	<b>-1.0</b>
<b>Relievers:</b>							
Remaining GiA c/fwd allocated to budget		1.9					
Use of ex-CCW and FCW reserves		0.8					
Headcount/structure review - reduction in salaries budget			1.5				
May Budget Review			0.7				
Q1 Budget Review				0.9			
Q2 Budget Review						1.4	
Use of charge income to fund transition						0.9	
Additional WG funding (P ramorum)							2.5
Q3 Budget Review							0.9
<b>Total Relievers</b>		<b>2.7</b>	<b>2.2</b>	<b>0.9</b>	<b>0.0</b>	<b>2.3</b>	<b>3.4</b>
<b>Closing Surplus/(Deficit)</b>		<b>-3.5</b>	<b>-3.5</b>	<b>-1.3</b>	<b>-2.4</b>	<b>-2.4</b>	<b>-0.8</b>



## Annex 7.1

### **Natural Resources Wales' strategic objectives for engagement with the planning system**

We propose a new approach, with increased emphasis on working at the strategic level and adopting a solutions-based culture. The recommended strategic objectives approved by our board are as follows:

#### (i) Principles

We will:

- Engage proactively with the planning system - this is an important means of delivering sustainable development, natural resource management and positive outcomes for Wales' natural heritage
- Engage proactively with regeneration and economic development initiatives - to ensure that initiatives take account of environmental constraints and natural resource management and that consequential developments are sustainable
- Focus our efforts on providing evidence and advice on strategic and spatial plans – to steer development to appropriate locations and minimise future conflicts at the individual application level
- Use the same natural resource evidence base throughout NRW – to ensure consistency of advice
- Encourage early engagement with developers - to influence and identify any problems and creative solutions at an early stage.
- Ensure our statutory advice is a reasoned opinion reached after due consideration, weighing our full range of relevant purposes, duties and guidance – to ensure we comply with our legal duties. Specific duties must be complied with, where these are engaged
- Provide objective and expert environmental advice, based on good place-based knowledge - to assist decision makers in discharging their duties. We recognise that in balancing their duties, decision-makers may come to a different conclusion to NRW on the acceptability of any residual risk or impact of a particular development.

#### (ii) Ways of working

We will:

UNCLASSIFIED

- Ensure our responses are as clear, unambiguous, and consistent as possible
- Ensure that our internal processes in providing statutory planning advice are designed and implemented to prevent conflicts of interest (for example where we are the applicant or landowner as well as the statutory consultee)
- Ensure transparency of decisions by being able to explain the reasoning behind our advice, and by publication of decision documents in contentious cases
- Adopt a positive approach. This means trying to find the right solution for the environment and the developer. It means avoiding objecting if we can. However, if it is not possible to find the right solution for the environment, either because the applicant is unwilling or unable to modify proposals, or because the development is sited in the wrong place, we may need to object. If the impact raises issues of national importance, we would need to object.
- Use a risk-based approach in our reactive work, responding to individual applications. This means directing our resources to developments likely to produce significant effects and affecting important and sensitive sites/areas
- Use standing advice where appropriate as it has value in responding to less complex applications and can reduce workloads; however, this does not replace the need for place-based and bespoke advice, particularly in more complex cases
- Charge for non statutory (eg pre-application) advice - where we can demonstrate that this will deliver improved customer service and better environmental outcomes
- Work in partnership with the LPAs and PINS - to deliver joint outcomes, training initiatives and to manage the consultations which are sent to NRW
- Work with developers and their sector groups to clarify the role of NRW (viz providing advice not making decision); identify common evidence needs and solutions
- Work with other statutory consultees such as Cadw to clarify our respective roles in planning and share evidence

(iii) Outcomes:

UNCLASSIFIED

- Developers seek and take our advice at an early stage so that the siting and design of new development is influenced, encouraging development which avoids negative impacts, is within environmental limits and sustainable
- Decision-makers are taking natural resources into account as a result of our clear and well-targeted advice, so protecting these resources and achieving sustainable development
- Opportunities for environmental enhancement are identified and delivered through the planning system
- Improved relationships and customer satisfaction due to the quality and clarity of our responses and provision of the right information at the right time.
- NRW's role in the planning system is understood by our customers and stakeholders
- Improved compliance with response deadlines



Planning Bill Team,  
Planning Division,  
Welsh Government,  
Cathays Park,  
Cardiff,  
CF103NQ

(Via email)  
[planconsultations-d@wales.gsi.gov.uk](mailto:planconsultations-d@wales.gsi.gov.uk)

26 February 2014

Dear Sir/Madam

**Positive Planning - A consultation on proposals to reform the planning system in Wales. Response from Natural Resources Wales**

This letter contains Natural Resources Wales' response to the proposals to change the planning system in Wales as set out in the Positive Planning consultation. Our response to the specific consultation questions are set out in Annex 1 attached.

We welcome the opportunity to comment on these proposals which, together with the proposed Environment and Future Generations Bills, represents a once in a generation opportunity to significantly improve the statutory framework for the management and planning of environmental and natural resources in Wales. This response should therefore be considered alongside our response to the consultation on the Environment White Paper where we highlighted the importance of the Environment Bill, the Future Generations Bill and the Marine Plan being complementary and mutually supportive in order to ensure a joined up approach to addressing the environmental, social and economic challenges we now face.

These challenges include the effects of climate change, the depletion and deterioration of natural resources including the continuing decline in biodiversity, and the inequality in the access that the people of Wales have to the benefits that the environment provides.

Addressing these challenges needs to be delivered within the context of the wider processes affecting the delivery of public services across Wales.

The Planning system is an important mechanism to deliver shared outcomes within a spatial context. We welcome the aspiration for planning to be repositioned as a

## Annex 7.1 – Positive Planning – Letter from Natural Resources Wales

tool to manage change in the public interest and support sustainable development by guiding it to appropriate locations.

Natural Resources Wales has developed Strategic Objectives for Planning Advice, which were endorsed by our Board on 18 December. These reflect the overall approach set out in 'Positive Planning'. They emphasise the need to move towards an enabling, solutions based approach, working strategically and through early engagement with developers and decision makers to enable the right development in the right location whilst respecting environmental limits i.e. adopting the ecosystem approach. A copy of our Strategic Objectives is attached at Annex 2 for your information.

Natural Resources Wales has a key role to play in supporting the proposals in 'Positive Planning' through providing evidence and guidance, and in our continuing role as a statutory consultee providing advice on the environmental impact of development, and solutions, to inform developers and decision makers to ensure the right development is directed to the right place.

Our response highlights the importance of:

- Integration of legislation, policies and plans;
- Parallel tracking of planning and connected environmental consents and permits;
- Integration of outcomes to optimise the benefits from development;
- Strategic engagement with the National Development Framework and other strategic plans to provide evidence and advice to direct nationally important development and infrastructure to the most suitable locations;
- Early engagement in the development management process – at the site selection phase;
- Clarity over the proposed future role of statutory consultees and others in the planning process.

Finally, whilst we are supportive of the overall approach and direction of travel towards an enabling, strategic, front-loaded integrated planning and consenting process, we need to better understand the resource implications for Natural Resources Wales as a result of these proposals. Affordability needs to be considered alongside their desirability, especially during the transition period between the current and future way of working.

We look forward to working with Welsh Government to establish the full extent of these new responsibilities, our respective roles, particularly in relation to the connected consents process, and how best to resource them so as to maximise our effectiveness in delivering the Welsh Government policy objectives in relation to the Planning, Environment and Future Generations Bills, and the emerging Marine Plan.

We also want to work with you in developing cross border approaches, where the legislation and policy in Wales interfaces with that in England, particularly for those aspects that aren't devolved.

We will continue to work with the Welsh Government and other stakeholders to develop further the details of this important piece of legislation and associated secondary legislation, policy and technical guidance.

Yours sincerely,

A handwritten signature in black ink that reads "Emyr Roberts". The signature is written in a cursive style with a large initial 'E'.

**EMYR ROBERTS**

Prif Weithredwr, Cyfoeth Naturiol Cymru  
Chief Executive, Natural Resources Wales

[emyr.roberts@cyfoethnaturiolcymru.gov.uk](mailto:emyr.roberts@cyfoethnaturiolcymru.gov.uk)

Natural Resources Wales,  
Ty Cambria, Newport Road, Cardiff CF24 0TP

Cyfoeth Naturiol Cymru  
Ty Cambria, Heol Casnewydd, Caerdydd CF24 0TP

Consultation reference: WG20088

## Consultation Response Form

### Positive Planning - A consultation on proposals to reform the planning system in Wales

We would like your views on our proposals to change the planning system in Wales. This requires changes to primary legislation, secondary legislation, and policy and guidance.

***Please submit your comments by 26/02/2014.***

If you have any queries on this consultation, please email:

[planconsultations-d@wales.gsi.gov.uk](mailto:planconsultations-d@wales.gsi.gov.uk) or telephone Switchboard on 0300 0603300 or 08450103300.

#### Data Protection

Any response you send us will be seen in full by Welsh Government staff dealing with the issues which this consultation is about. It may also be seen by other Welsh Government staff to help them plan future consultations.

The Welsh Government intends to publish a summary of the responses to this document. We may also publish responses in full. Normally, the name and address (or part of the address) of the person or organisation who sent the response are published with the response. This helps to show that the consultation was carried out properly. If you do not want your name or address published, please tell us this in writing when you send your response or tick the box at the end of this form. We will then blank them out.

Names or addresses we blank out might still get published later, though we do not think this would happen very often. The Freedom of Information Act 2000 and the Environmental Information Regulations 2004 allow the public to ask to see information held by many public bodies, including the Welsh Government. This includes information which has not been published. However, the law also allows us to withhold information in some circumstances. If anyone asks to see information we have withheld, we will have to decide whether to release it or not. If someone has asked for their name and address not to be published, that is an important fact we would take into account. However, there might sometimes be important reasons why we would have to reveal someone's name and address, even though they have asked for them not to be published. We would get in touch with the person and ask their views before we finally decided to reveal the information.



Consultation reference: WG20088

<b>Positive Planning - A consultation on proposals to reform the planning system in Wales</b>		
<b>Date of consultation period: 04/12/2013 – 26/02/2014</b>		
<b>Name</b>	Dr Emyr Roberts	
<b>Organisation</b>	Natural Resources Wales	
<b>Address</b>		
<b>E-mail address</b>		
<b>Type</b> <i>(please select one from the following)</i>	Businesses/ Consultants	<input type="checkbox"/>
	Local Planning Authority	<input type="checkbox"/>
	Government Agency/Other Public Sector	<input checked="" type="checkbox"/>
	Professional Bodies/Interest Groups	<input type="checkbox"/>
	Voluntary sector (community groups, volunteers, self help groups, co-operatives, social enterprises, religious, and not for profit organisations)	<input type="checkbox"/>
	Other (other groups not listed above) or individual	<input type="checkbox"/>

Consultation reference: WG20088

**Supporting Culture Change**

<b>Q1</b>	Do you agree that the proposed remit for a Planning Advisory and Improvement Service will help local planning authorities and stakeholders to improve performance?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>Natural Resources Wales welcomes the establishment of the Planning Advisory and Improvement Service. It provides a mechanism to help support cultural change and performance improvement and management. It needs to focus both on output and outcome delivery. Its scope and work programme needs to integrate environmental, social and economic aspects of the planning service in Wales. NRW would welcome an opportunity to participate in the PAIS steering group and advisory/stakeholder group and would be able to advise on technical issues and related training needs related to our role and remit including, for example, flood risk, landscape, biodiversity and natural resource management and planning. Natural Resources Wales would be particularly keen to work with the PAIS on flood risk assessments. We believe the PAIS would be a particularly effective way of disseminating good practice and training on complex but important considerations such as flood risk assessments and applyibf the ecosystem approach. The PAIS’s co-ordination and dissemination role would create a more efficient approach to informing and supporting LPAs than the current approach of NRW briefing each LPA individually.</b></p>			

<b>Q2</b>	Do you agree that existing Welsh Government support arrangements for the built environment sector in Wales should be reviewed?	Yes	No
		<input type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>No Comment</b></p>			

<b>Q3</b>	Do you agree that competency frameworks should be prepared for planning practitioners and elected representatives to describe the skills, knowledge and behaviours necessary to deliver planning reform?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>NRW supports in principle the preparation of competency frameworks for both planning practitioners and elected representatives. The competency framework should incorporate environmental, economic and social skills and knowledge. For planning practitioners the RTPI competency framework provides a good basis for</b></p>			

Consultation reference: WG20088

**the proposed competency framework. Consideration needs to be given to whether or not this should also apply to non planning practitioners who engage with, and provide advice on, the planning and development management process. NRW would welcome the opportunity to work with the WG on developing the frameworks, utilising our technical expertise and knowledge on a wide range of environmental issues linked to the requirements of the proposed Environment, Heritage and Future Generations Bills.**

**Active Stewardship**

Q4	Do you agree that the National Development Framework will provide a robust framework for setting national priorities and aid delivery?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>NRW welcomes the proposal to introduce a NDF to replace the Wales Spatial Plan. The NDF provides an opportunity to direct nationally strategic development and infrastructure to the most appropriate locations. NRW notes and welcomes the development plan status of the NDF and that it will be informed by an SEA and HRA. This will help ensure clarity, certainty and consistency throughout the planning hierarchy in Wales and avoid unnecessary conflict and delay arising from inappropriate development in inappropriate locations. Specifically some environmental issues such as flood risk manifest themselves at regional or national spatial scales, such as large river catchments and coastal process cells. These should be firstly addressed at the national spatial planning level in order to most effectively influence strategic and local development decisions. Investment in such development and infrastructure will need to be founded on robust environmental evidence to ensure that proposals are directed to locations that can deliver intended outcomes for the long term, whilst being resilient to current and future challenges such as climate change impact.</b></p> <p><b>The NDF will need to</b></p> <ul style="list-style-type: none"> <li><b>-clearly define the role of the land use planning system in delivering the national outcomes of government and any long term goals arising out of the forthcoming Future Generations Bill.</b></li> <li><b>-set out a long term vision focussed on the delivery of sustainable development goals and outcomes to ensure a resilient economy and environment</b></li> <li><b>-clearly articulate the relationship between the different tiers of plans and processes</b></li> <li><b>-clearly articulate the relationship between the NDF, Wales Infrastructure Investment Plan and the Wales Transport Strategy and the spatial expression of major development and infrastructure arising out of non devolved Plans and programmes eg National Policy Statements</b></li> <li><b>-clearly articulate the relationship between the NDF and the Natural Resources Policy proposal for the Environment Bill and between the NDF and the Marine Plan. Section 60A of the Planning(Wales)Bill should make provisions for the Minister to have regard to, or consider ,natural resources policy and the Marine Plan in the preparation of the NDF.</b></li> <li><b>-clarify that the NDF will set out a spatial expression of Natural Resources Policy including green infrastructure and strategic recreation and access provision, flood defence and other flood risk management measures, such as upland catchment management measures together with pressured environments and National and Internationally important designations.</b></li> <li><b>-clarify if Developments of National Significance will be criteria led or reflected spatially in the NDF, informed by the WIIP, Wales Transport Strategy and Natural Resources Policy.</b></li> <li><b>-highlight the key natural resource requirements that target setting and land allocation further down the planning hierarchy will need to take into account eg water resource availability when setting housing allocation targets for SDP`s and Local Development Plans</b></li> <li><b>-align the review period with that proposed for the Natural Resources Policy and</b></li> </ul>			

Consultation reference: WG20088

**State of Natural Resources Reporting.**  
 The proposals for the scrutiny , and review of, the NDF will need careful consideration particularly if the intention is to include the spatial elements of existing TANS, such as TAN 8 and 15, within the NDF.  
 NRW would welcome an opportunity to meet with WG officials to discuss how we can help provide a common evidence base to inform both the Natural Resources Policy and the National Development Framework.

<b>Q5</b>	Do you agree that Planning Policy Wales and Minerals Planning Policy Wales should be integrated to form a single document?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>NRW supports the integration of Planning Policy Wales and the Mineral Planning Policy Wales document to form a single document. This will help ensure an integrated approach to natural resource management.</b></p> <p><b>NRW notes the intention to review the TAN series and would welcome an opportunity to meet with WG to discuss the potential implications of including the spatial elements of the existing TANS , TAN 8 and 15 for example, within the National Development Framework.</b></p> <p><b>To assist with the integration of the Marine Plan and the land use planning system a TAN, based on the Scottish Government draft circular `Planning Scotland`s Seas-the relationship between the statutory land use planning system and marine planning and licensing`, would help provide clarity in relation to the interface between the Marine and Land Use Planning systems.</b></p>			

<b>Q6</b>	Do you agree that a core set of development management policies should be prepared for consistent application by all local planning authorities?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>Support in principle. It provides a mechanism to ensure national consistency in relation to the specific policy and legislative requirements of key natural resource interests relating, for example, to Natura 2000 sites, flood risk and national landscape designations thereby providing national certainty and clarity for developers and decision makers. NRW would welcome an opportunity to work with Government to prepare core development management policies relevant to our role and remit that can be applied consistently across Wales including the role of the land use planning system in delivering the ecosystem approach and natural resource management as proposed in the emerging Environment Bill.</b></p> <p><b>NRW notes the emphasis on greater Town and Community Council engagement in the process together with the proposed Place Plans.</b></p> <p><b>Guidance would help establish and clarify their role together with the status of</b></p>			

Consultation reference: WG20088

place plans in the decision making process.  
 NRW would welcome the opportunity to be involved with the reassessment of the number and scope of TAN`s, in particular any proposed changes to TAN5,TAN8,TAN14 and TAN15.However we would strongly advise that a specific TAN about development and flood risk should be retained. Strategic and local planning decisions about new development and regeneration have a crucial role to play in minimising the social and economic impacts that flooding has on the communities of Wales. The magnitude of those impacts (running into many tens of millions of pounds just in the period from June 2012 to February 2014) justify a specific TAN in future about managing all sources of flooding and coastal erosion in light of more extreme weather events predicted as a result of inevitable climate change.

<b>Q7</b>	Do you agree that the proposed development hierarchy will help to ensure that planning applications are dealt with in a proportionate way dependent on their likely benefits and impacts?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments:  
 Yes, the proposed hierarchy will provide a framework to enable stakeholders and decision makers to focus resources strategically and at early stages of project development to ensure the right development in the right place respecting environmental capacity .  
 For completeness the document and flowchart needs to include Development Consent Orders for NSIP`s which are currently consented by the UK Government.  
 With regard to paragraph 4.37 (first bullet point), please be aware that there may be some instances in which applicants may submit a certain level of information, which results in ourselves requesting further clarification or information. In such circumstances we may not be aware that further information is needed until a first tranche of information is submitted. The finalisation of a development proposal may be iterative. For example, an applicant may submit a species survey, which necessitates either no further submissions, or information of varying detail on mitigation measures.  
 With regard to paragraph 4.37 (second bullet point), we welcome the opportunity for us to prioritise our resources towards applications which have the greatest potential benefits and impacts. We note the references in paragraph 4.35 to the multitude of objectives that you expect the planning system to deliver, including promoting sustainable development. We agree with these. However, please note that supporting economic prosperity, addressing the challenges posed by climate change and delivering good quality homes and a good quality environment are all components of sustainable development in the first instance, as is set out in Chapter 4 of Planning Policy Wales. “Promoting sustainable development” should not be viewed as a separate objective.

Consultation reference: WG20088

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<b>Q8</b>	Do you agree with the proposed categories and thresholds for Developments of National Significance set out in Annex B?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>The proposed categories, Development of National Significance, Major and Local are logical and supported in principle. However there will be a need to clarify the extent to which the categories and thresholds will address impact from a development that may have significant adverse impact on interests of acknowledged international or national importance.</b></p> <p><b>There will also be a need to clarify, in addition to the proposed categories and thresholds, how specific locational development set out in the NDF, informed by the WIIP, Natural Resources Policy and Area Based Natural Resource Management Plans or the Wales Transport Strategy, will be reflected.</b></p> <p><b>The consultation draft Scottish Third National Planning Framework provides a useful model to consider in this respect.</b></p> <p><b>Annex B-need to clarify what is meant by gas, natural gas or CO2.</b></p> <p><b>PARA 4.41-clarify what is meant by developments of national significance outlined in Natural Resources Policy.</b></p> <p><b>We suggest that the threshold of the last application type in Annex B(Generating Stations) should be amended to read `Anything 25 megawatts to less than 50 megawatts`. The current wording implies Local Planning Authorities would determine proposed generating stations between 49 and 50 megawatts.</b></p>			

<b>Q9</b>	Do you agree with the proposed categories and thresholds for Major Developments set out in Annex B?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>The proposed categories, Development of National Significance, Major and Local are logical and supported in principle. However there will be a need to clarify the extent to which the categories and thresholds will address impact from a development that may have significant adverse impact on interests of acknowledged international or national importance. The impact of major and local development proposals may also have significant international and national implications for sites /areas of acknowledged importance. There will also be a need to clarify, in addition to the proposed categories and thresholds, how specific locational development set out in the NDF and SDP, informed by the WIIP, Natural Resources Policy and Area Based Natural Resource Management Plans will be reflected.</b></p>			

Consultation reference: WG20088

**The consultation draft Scottish Third National Planning Framework provides an useful model to consider in this respect.**

**The categories should also consider wind turbine development.**

**For clarity and completeness the thresholds for NSIP`s should be added either as a separate column or table in future documentation.**

**NRW would welcome an opportunity to meet to discuss the practical implications of the statement` statutory consultees must prioritise major development` particularly with respect to our comments above in relation to development with significant adverse impact on interests of acknowledged importance and statutory response times.**

**NRW would welcome an opportunity to participate in the proposed review of the Use Classes Order.**

Q10	Do you agree Developments of National Significance applications should be subject to mandatory pre-application notification, and consultation?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Comments:**

**The principle of mandatory pre application notification and consultation is supported. This provides a degree of consistency between the DNS and NSIP process.**

**However more detail is required on the proposed process, which we assume is similar to the DCO process for NSIP`s, and on the level of detail required for a preliminary verification of the planning application. NRW would prefer to be involved as early as possible to help inform both the location as well as the detailed design and layout of the development.**

**With regard to the permitted development issues outlined in section 4.51-4.53, we do have concerns over this with regard to flood risk. Converting a commercial building into residential use greatly increases the vulnerability of its occupants if the building had not been designed to be safe according to TAN15 in the event of a flood. This is particularly the case if the residential use is for a vulnerable group in society, e.g. granny flats. We urge WG to ensure that TAN15 requirements are applied to changes of the use of an existing building. In addition, the cumulative replacement of gardens with hard, impermeable surfaces is already proven to significantly increase flood risk from surface water and sewer flooding. Evidence for this is available from Dwr Cymru’s Rainscape project. The planning system should allow an LPA to designate areas exempt from permitted development for a specified range of reasons, one of them being flood risk particularly as a result of the predicted impacts of climate change. This would ensure that the planning system remains an effective tool in preventing flood risk from increasing in known problem areas whilst still allowing permitted development to proceed elsewhere.**

**NRW welcomes and supports the move towards the coordination, or parallel tracking, of ancillary consents and associated development and environmental permits and would welcome an opportunity to discuss further with WG. We would also support the use of a Memorandum of Understanding between the applicant, Welsh Government, PINS and ourselves on DNS applications.**



Consultation reference: WG20088

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<b>Q11</b>	Do you agree that a fee should be charged for pre-application advice for prospective Developments of National Significance applications?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments:  
**Pre application advice can involve significant work for NRW therefore this proposal is welcomed in principle. NRW welcomes and supports the proposed integrated DNS and related consents process and would welcome an opportunity to discuss further with WG.**

<b>Q12</b>	Do you agree that the Planning Inspectorate Wales is the most appropriate body to undertake the processing of a Development of National Significance application?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments:  
**Yes**  
**It would be useful to clarify the process for preparing Local Impact Reports to ensure that statutory consultees will be engaged at an early stage to ensure that we can advise on appropriate conditions and legal requirements together with the interrelationship between related permitting and consenting processes and Environmental Impact Assessment.**

<b>Q13</b>	Do you agree that only one round of amendments to an application for Developments of National Significance should be permitted after it has been formally registered?	Yes	No
		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:  
**Our experience of the current arrangements for NSIP`s leads us to caution against one round of amendments to an application for DNS. Flexibility is required during the process to enable negotiation to identify solutions to ensure the optimisation of environmental, economic and social outcomes. Furthermore, we often have informal discussions with developers on major applications, on issues such as flood risk, between the formal submission of information. We believe that the proposals in the Bill should still allow for these types of discussions; developers should still be allowed to have informal discussions with ourselves between the two proposed points at which they can submit information to PINS or the Welsh Ministers. This would help avoid unintended consequences. For example, a developer would be able to check with us that the redesign of a site layout based on the advice of others does not have negative implications for issues we advise on, such as flood risk or protected species.**

Consultation reference: WG20088

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<b>Q14</b>	Do you agree with the proposals for handling connected consents?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Comments:**  
**The principle of one examination process for connected consents is supported. An integrated process can avoid conflict between separate development and consent proposals eg between wind turbines and grid connections.**  
**Paragraph 4.66: We note the provisions in the Bill (Section 18, para 62J) for an applicant to make a direct application to the Welsh Ministers for connected applications. We welcome the intent behind this provision, as we believe it would streamline the planning and permitting regimes and enable a common environmental evidence base to inform both the planning and connected consents process .**  
  
**We are currently in discussion with Government with regard to the scope of connected consents, the process for coordinating and timetabling the determination of consents and respective roles in the decision making process. The model developed for coordinating the consenting process relating to the Hinkley C Power station provides an useful model to follow.**

<b>Q15</b>	Do you agree that examination should follow a similar procedure to the proposed call-ins and appeals?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Comments:**  
**Agree-the examination of DNS should follow the NSIP model**

<b>Q16</b>	Do you agree with the proposed division of responsibilities between the Welsh Ministers and the local planning authority at the post-determination stage?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Comments:**  
**Agree**

Consultation reference: WG20088

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<b>Q17</b>	Do you agree that the statement of case and draft statement of common ground should be produced when submitting an appeal?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>In principle, yes. However there will be a need to reconsider the timeframes for the submission of appeal statements especially for technical and complex applications where expert input is required and there are links and dependencies to the internal decision making timescales of interested parties.</b></p>			

<b>Q18</b>	Do you agree that the Planning Inspectorate should decide how to handle the examination of an appeal?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>Yes, subject to the provision of clear criteria and process to determine what is handled at inquiry or written representations.</b></p>			

<b>Q19</b>	Do you agree no changes should be made to the content of an application post appeal submission?	Yes	No
		<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Comments:</p> <p><b>The aspiration should be early engagement to negotiate and resolve issues thereby removing the necessity for an appeal. If this is not possible our experience of the appeal process suggests that negotiation continues between the developer and a statutory consultee to resolve issues during the post appeal submission, often resulting in agreement on positive solutions/outcomes before Inquiry. Therefore if continuing negotiations can potentially resolve issues then they should be allowed to continue.</b></p>			

# Annex 7.1 – Positive Planning – Response from Natural Resources Wales

Consultation Response Form

Positive Planning - A consultation on proposals to reform the planning system in Wales

Consultation reference: WG20088

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Q20	Do you agree with the proposal for the Welsh Ministers to be able to initiate awards of costs?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments: <b>Yes</b>			

Q21	Should fees be introduced to cover the costs of the Welsh Ministers resulting from an appeal?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments: <b>No comment</b>			

Q22	Do you agree that a Commercial Appeals Service (CAS) should be introduced?	Yes	No
		<input type="checkbox"/>	<input type="checkbox"/>
Comments: <b>No comment</b>			

Consultation reference: WG20088

**Improving Collaboration**

<b>Q23</b>	Do you agree that local planning authorities should be merged to create larger units?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>NRW supports the principle of strategic and cross boundary working and notes that the recommendations of the Commission on Public Service Governance and Delivery moves this debate forward with regard to setting out options for local government mergers.</b></p> <p><b>Linked to the Williams recommendations there is a need to consider how to work collaboratively and in partnership on a regional basis to organise a pool of shared expertise/technical experts across a range of local authority advisory functions such as biodiversity, landscape, access and built heritage to build internal capacity thereby reducing pressure on NRW and other statutory consultees being expected to provide this advice.</b></p> <p><b>The structures and governance arrangements established to coordinate and deliver a regional context for educational services within local government in Wales may be a possible model to consider.</b></p>			

<b>Q24</b>	Do you think that a national park authority should continue to have responsibility for planning in their area?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>The evidence base, Delivery of Planning Services in Statutory Designated Landscapes in Wales (Land Use Consultants, October 2012) and analysis of the Planning Performance Indicator Dashboard indicates that the NPA Planning Service is comparable to other local planning authorities .The Commission on Public Service Governance and Delivery highlighted the need for service delivery to reflect the direct legislative and functional requirements of an administrative area for National Parks and did not identify a convincing case for transferring their functions to local authorities whilst emphasising the importance of collaboration and partnership with local authorities.</b></p> <p><b>WG propose to undertake a Governance Review of National Parks in Wales, commencing in the autumn. The issue of whether or not National Park Authorities should continue to have responsibility for planning its area should be taken forward and considered within the overall context of the proposed Governance Review.</b></p>			

<b>Q25</b>	Do you agree that strategic development plans should only be prepared in the identified areas?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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Comments:

The Williams Recommendations moves this debate further with regard to recommendations setting out options for local government merger to create larger more strategic Local Authorities. It will be important to clarify the potential implications of these recommendations on the need for Strategic Development Plans given that Local Development Plans for larger authorities will be more strategic in nature.

The interrelationship between SDP`s and the proposed city regions in Wales will need to be clarified.

Should the proposed SDP proposals be taken forward in the Bill the NDF will need to provide an adequate strategic framework for Local Development Plans in areas such as Rural Wales identified as not requiring SDP`s.

There will be a need to consider coordinating processes and timetables between the NDF, SDP, Natural Resources Policy, the LDP, Area Based Natural Resource Plans, SIPS, National Park and AONB Management Plans and Regional Transport Plans.

Paragraph 5.26 of Positive Planning states `SDP`s will be informed by national natural resources policy and the area based approach for natural resources management`. However, the Planning (Wales) Bill does not currently include a legislative requirement for this. To ensure that the Planning (Wales) Bill and the emerging Environment Bill are integrated and mutually supportive, we recommend that Regulation 60G(6) of the Planning (Wales) Bill should be amended to ensure that SDP`s` have regard to, or consider, national natural resources policy and the area based approach for natural resources management.

NRW would welcome an opportunity to meet with Government to discuss how best to provide a common evidence base in relation to natural resource management to inform the above plans and processes.

Q26	Do you agree that the scope of Strategic Development Plans should be limited to the key issues identified in paragraph 5.29?	Yes	No
		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:

We welcome the identification of strategic environmental opportunities as key issues for SDP`s. In light of the multiple social, economic and environmental opportunities they afford we consider that strategically important green and blue infrastructure should be identified, protected and where appropriate enhanced to complement the delivery of planned gray infrastructure and ensure the long term viability and resilience of settlements, infrastructure and environmental assets. To ensure policy integration the SDP`s will need to be informed by, and have regard to, the Natural Resources Policy and the area based approach for natural resources management. There will be a need to integrate environmental evidence on opportunities and constraints in relation to natural resource management and green infrastructure.

NRW can help support the SDP process by providing data, advice and information. Specifically we believe that Flood Risk Management Measures should be included in the scope of SDPs. For example, the A55 corridor is

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**subject to both tidal and fluvial flooding. The introduction of SDPs provides a good opportunity to plan strategically and take a cross-boundary approach for flood risk and coastal erosion management. This may be particularly relevant to proposed cross-boundary linear development, such as transport infrastructure. We would also seek to ensure that the issues that you set out in paragraph 5.29 are planned taking flood risk into account. For example, strategic allocations for housing and employment should be made outside areas at risk from flooding. We agree that waste facilities should be identified in the list set out in paragraph 5.29. We also advise that you consider cross-border issues when setting up SDPs. For example the A55 corridor borders England. We advise that any guidance associated with SDPs highlights the importance of liaising with English counterparts and authorities**

<b>Q27</b>	Do you agree that a partnership between local planning authorities and social, economic and environmental stakeholders should oversee preparation of Strategic Development Plans?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>Yes. NRW will be able to provide partnerships with evidence and advice, linked to Natural Resource Plans in relation to natural resource management and its integration with economic and social outcomes.</b></p> <p><b>We would welcome clarification on the consultation procedures for the proposed SDPs together with our role and status on the Panel and during the consultation process.</b></p> <p><b>It would be helpful to clarify and confirm that SDP`s will be informed by SEA and HRA.</b></p>			

<b>Q28</b>	Do you agree that a light touch Local Development Plan should be prepared in areas where there is a Strategic Development Plan?	Yes	No
		<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Comments:</p> <p><b>An evidence based, up to date Local Development Plan, provides a framework to enable the right development in the right place whilst conserving and enhancing the environment and natural resources.</b></p> <p><b>We understand that the LDP will still need to set out details for specific land</b></p>			

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**allocation requiring careful consideration therefore we are unclear on the merit of a light touch model where an SDP is in place. NRW would therefore encourage a consistent LDP model throughout Wales together with measures to ensure that all Local Planning Authorities have timely, up to date adopted Plans. The Planning (Wales) Bill will need to make legislative provision for new Local Development Plans to have regard to or consider the national natural resources policy and the area based approach for natural resources management.**



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**Improving Local Delivery**

Q29	Do you agree with the essential elements of a good planning service identified in Annex A?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p>As you will be aware, Local Planning Authorities and/ or the Welsh Ministers are the decision-maker and we are their advisor on environmental issues. We do not believe that we “wield power” over LPAs; the onus is on them to take a decision weighing up all material considerations, of which our advice is one. The first step for LPA's to decide is whether we need to be consulted on some applications at all. We would be grateful if any advice and guidance produced in future makes this point clear.</p> <p>NRW welcomes the move towards setting up a common performance framework and an emphasis on getting LDP`s in place. This will help improve the strategic framework for decision making and provide greater clarity, certainty and consistency to decision makers.</p> <p>We note the reference to statutory consultees providing `substantive responses`. We would welcome early discussion with WG officials to understand the scope and definition of what is meant by a `substantive response` and potential implications for the delivery of our advice to the planning system.</p> <p>The initial indicators set out in Annex A provides a good starting point but would be improved by a greater emphasis on outcomes as well as outputs.</p> <p>Para 6.13 and Annex A- we note that statutory consultees will be subject to a requirement to produce an annual monitoring report. We would welcome the opportunity to discuss what this will entail at an early stage. This will help us ensure that we set up our systems appropriately to collect the required information. We would be able to report on the indicators set out in Annex A, based on our systems as setup at the present time.</p> <p>It would be useful to clarify the relationship between this process and the auditing process for indicators emerging from the Future Generations Bill.</p> <p>We wish to highlight that currently the Development Management Procedure Order sets out that statutory consultees have 14 days in which to respond to planning applications. However NRW has agreements with LPAs throughout Wales to allow us 21 days to respond. Our preference is therefore for the indicator to be based upon whatever standard has been agreed locally with a LPA.</p> <p>We would welcome further consideration of parallel tracking of planning and environmental permitting so that the ecosystem approach is properly embedded.</p>			

Q30	Do you agree that each local planning authority should produce and publish an annual performance report to agreed standards?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p>Yes.</p>			

Consultation reference: WG20088

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<b>Q31</b>	Do you agree that where a local planning authority is designated as poorly performing there should be an option to submit planning applications for major development only to Welsh Ministers?	Yes	No
		<input type="checkbox"/>	<input type="checkbox"/>

Comments:  
**Natural Resources Wales has no comment to make on the merit of this proposal. However we would welcome an opportunity to discuss and consider potential implications for Natural Resources Wales given our role as principal advisor to Government on environmental matters if applications are submitted directly to Welsh Ministers.**

<b>Q32</b>	Do you agree that Welsh Ministers should be able to direct preparation of a joint Local Development Plan?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments:  
**Yes, particularly where the preparation of a joint plan can provide a strategic framework to resolve conflict between land allocation and the capacity of the environment to accommodate change in relation to, for example flood risk, water resources or Natura 2000 sites.**

<b>Q33</b>	Do you agree that Local Development Plans should plan for at least 15 years ahead and have a set end date beyond which they cease to be the development plan?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments:  
**Yes, it provides a long term perspective to the decision making process in line with the principles of sustainable development. The future timeline should be in line with proposals set out in the Future Generations Bill.**

<b>Q34</b>	Do you agree that local planning authorities should work with town and community councils to produce place plans which can be adopted as supplementary planning guidance?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>Place Plans can help secure public and community engagement and add local evidence and knowledge to the wider policy and decision making process relating to land use planning but also wider area based natural resource management and community plans in the context of Single Integrated Development Plans. The proposed pilots will help clarify the status, evidence base, process, relationship between other plans and processes, including SEA and HRA, and role of statutory consultees such as NRW .</b></p> <p><b>The proposed PAIS will have a key role to play in helping provide Town and Community Councils with the skills and competencies required to produce place plans.</b></p>			

<b>Q35</b>	Do you agree that where a development proposal accords with an allocation in an adopted development plan a new planning application process should be introduced, to ensure that only matters of detail such as design and layout are considered?	Yes	No
		<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Comments:</p> <p><b>Whilst front loading the development management process via the NDF, SDP and LDP can result in greater certainty about impact of a proposed allocation this may not necessarily adequately cover the range of assessments, or links to other related consents processes, that an outline planning application would be subject to. Further, whilst an outline application would be valid for 3 years an allocation included in an LDP could be in place for up to 15 years during which period environmental evidence and wider policy and legislative provisions may have changed.</b></p> <p><b>Should this approach be taken forward, it will be important that sufficient detail is included within an initial allocation. This would need to include detail on the zoning of development within larger allocations. This would help us to advise on the most appropriate layout of a site. For example, we would seek to ensure that any developments of higher vulnerability (for example, housing) were situated on areas of the proposed allocation not at risk of flooding. If such issues could not be addressed at the allocation stage, then subsequent planning applications submitted may not be able to comply with national planning policy and guidance, such as TAN15.</b></p> <p><b>We would also question how such allocations will be dealt with when new information has come to light between a site being allocated and a subsequent planning application being made. This is especially given that LDPs have a fifteen year lifespan. For example, if new hydraulic modelling shows that an allocated site is at risk of flooding, when previously it wasn't, how will the planning application be dealt with? Water resources could also be an issue in</b></p>			

Consultation reference: WG20088

**time and with the accumulated impact of development.**  
**NRW note the proposed consultation on charging options for pre application advice-we are actively considering our options for charging for non statutory advice at the moment and will wish to input to the consultation process in due course.**  
**Further it may be timely to consider wider options for funding environmental improvement and enhancement including the issue of environmental bonds as highlighted in recommendations 87-89 of the Report to the Welsh Government by the Independent Advisory Group `Towards a Welsh Planning Act:Ensuring the Planning System Delivers.**  
**We note that para 6.76 of the consultation document (which refers to Section 14 of the Bill) enables Welsh Government to require NRW to “respond to the consultation in a particular manner and within a particular time, and to report to the Welsh Ministers on their compliance with any such requirements”. We would welcome a discussion about the scope and practical implications of this proposal.**

<b>Q36</b>	Do you support the proposal to allow a right of appeal against a local planning authority not registering a planning application?	Yes	No
		<input type="checkbox"/>	<input type="checkbox"/>
Comments: <b>We would wish to clarify our role in situations when a Local Planning Authority has not registered an application based on a study or survey on which we would advice eg flood consequence assessments.</b>			

<b>Q37</b>	Should the requirement for mandatory design and access statements be removed?	Yes	No
		<input type="checkbox"/>	<input type="checkbox"/>
Comments: <b>No comment</b>			

<b>Q38</b>	Should the requirement to advertise planning applications	Yes	No
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Consultation reference: WG20088

	for certain developments in a local newspaper be removed?	<input type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>NRW will be exploring Memoranda of Understanding and Service Agreements with Local Planning Authorities, these will cover arrangements for consulting NRW over agreed development proposals. We therefore have no comment to make on the substantive question raised here.</b></p> <p><b>However, with regards to the paragraphs on statutory consultees set out on pages 76-78 of the consultation document, we would welcome an opportunity to meet to discuss:</b></p> <ul style="list-style-type: none"> <li>• <b>the scope and definition of what is meant by “a substantive response” (Section 27 of the draft Bill). We request that this be set out in the Bill in the first instance.</b></li> <li>• <b>any secondary legislation that falls out of Section 15 of the Bill, in particular, legislation about the way in which statutory consultees should respond to requests for pre-application advice.</b></li> </ul>			

<b>Q39</b>	Should there be any local variation within a national scheme of delegation for decision making on applications?	Yes	No
		<input type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>NRW support the principle of a national scheme of delegation-this will introduce a greater degree of certainty and consistency into the development management process</b></p>			

<b>Q40</b>	Do you agree that a minor material change should be restricted to "one whose scale and nature results in a development which is not substantially different from that which has been approved"?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>We agree with the proposals to introduce a new procedure by which applicants can renew planning permissions. We welcome the intention to make application requirements proportionate to the development proposed. Application requirements should also be proportionate to the proposed risk posed to or from the proposed development in cases where new information or data about risks is available.</b></p>			

Q41	Do you agree that the proposals strike a balance between the need to preserve land used as Town and Village Greens and providing greater certainty for developers?	Yes	No
		<input type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>It would be useful to clarify what is meant by `the statutory planning process`. Presumably the Local Development Plan process provides a mechanism and framework to consider the respective merit of land being notified as Town or Village Greens or being allocated for development.</b></p>			

Q42	Do you agree that the proposals will reduce delay in the planning enforcement system?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>Yes</b></p>			

Q43	Do you agree with the introduction of temporary stop notices to the planning enforcement system in Wales?	Yes	No
		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p> <p><b>Yes it provides a mechanism to halt development activity with potential significant adverse impact on interests of acknowledged importance.</b></p>			

I do not want my name/or address published with my response (please tick) <input type="checkbox"/>
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Consultation reference: WG20088

## **How to Respond**

**Please submit your comments in any of the following ways:**

<b>Email</b>
Please complete the consultation response form and send it to: <a href="mailto:planconsultations-d@wales.gsi.gov.uk">planconsultations-d@wales.gsi.gov.uk</a>  (Please include 'Positive Planning – WG20088' in the subject line).
<b>Post</b>
Please complete the consultation form and send it to: <b>Planning Bill Team Planning Division Welsh Assembly Government Cathays Park Cardiff CF10 3NQ</b>
<b>Additional information</b>
If you have any queries on this consultation, please email: <a href="mailto:planconsultations-d@wales.gsi.gov.uk">planconsultations-d@wales.gsi.gov.uk</a> or  telephone: 0300 0603300 or 08450103300

**THE RESPONSE OF NATURAL RESOURCES WALES TO  
THE WELSH GOVERNMENT WHITE PAPER  
A SUSTAINABLE WALES  
BETTER CHOICES FOR A BETTER FUTURE  
Consultation on proposals for a Sustainable Development Bill**

**General Comments**

1. Natural Resources Wales (NRW) welcomes the publication of the White Paper as a further step in the process of making Wales an exemplar in the governance and application of Sustainable Development.

2. NRW believes that it has a great deal to contribute towards the aims and objectives of the White Paper. Our purpose is defined as being to ensure that the environment and natural resources of Wales are sustainably maintained, used and enhanced. In this context sustainably means ... with a view to benefitting, and in a manner designed to benefit, the people, environment and economy of Wales in the present and in the future. The Board has affirmed that its focus will be on environment, but as an integral part of a much bigger picture. In managing the environment, we will use and build knowledge, take account of the needs of communities and the economy and be mindful of the impact of environmental management on the economy and communities. The connection is ecosystem services which will be our processes and activities.

3. We have already begun to think and plan for how we can operate according to sustainability principles, particularly in our governance arrangements and in how our decisions will lead to sustainable outcomes in the future.

**A Sustainable Development Duty**

4. NRW welcomes the proposals in the White Paper that the focus of Sustainable Development should be around:

- a long term perspective;
- social, economic and environmental well-being;
- shared outcomes;
- knowledge and best practice;
- acknowledgement that difficult decisions will have to be made; and
- prevention and early interventions.

5. NRW shares all these aspirations, and intends to build them into our policies and working practices. The conceptual framework upon which we will develop our thinking is based on four pillars - economy, environment, community and knowledge – delivered in balanced ways between ourselves and our partners . This is summarised in our direction of travel ... creating a greener, wiser , wealthier, healthier Wales.

6. We will strive to be a sustainable management exemplar organisation. We therefore welcome the intention in the White Paper to place a duty on us to embed sustainable development as our central organising principle. The key elements of sustainable development as a central organising principle are

- a clear focus on what the organisation is seeking to deliver in support of the future wellbeing of Wales and



## Annex 7.2 – NRW response to SD White Paper

- ensuring decisions taken are fully informed by consideration of the effect on economic, social, environmental and long term wellbeing

7. We will, therefore, prioritise working with others, and support the White Paper's conclusion that "Government and the wider public service community cannot find solutions to the challenges faced alone: working in partnership with stakeholders is crucial and effective engagement is needed...." In order to do this effectively, we will adopt transparent and participative decision-making processes and will share its knowledge wherever possible.

8. Central to the Welsh Government's interpretation of sustainable development is the use of the Ecological Footprint as one of the five headline sustainable development indicators for Wales. Natural Resources Wales, as a science based organisation, is well placed to advise the Welsh Government on the many components of the ecological footprint that relate to indigenous Welsh resources, and can access and analyse data to show how Wales uses those resources from elsewhere in the world that now form the major part of our ecological footprint.

9. NRW welcomes the proposals to use Local Service Boards to help plan for shared outcomes, however we have some concerns that environmental outcomes are currently not among the priorities of all LSBs; we also question whether the current geographic bases for most LSBs are the most effective and we would favour a move to a more regional approach.

10. We would like to make some suggestions which might help to strengthen the achievement of the aspirations which the consultation Paper expresses.

**a** It might help if the definition of sustainable development was strengthened to ensure that there is no doubt that it now embraces ongoing management as well as development per se

**b** There is always the risk that aspirational legislation like this has no sanctions within it . One way of achieving this would be to add it to the Seven Principles of Public Life – the Eight Welsh Principle if you like. The principle would be something like *Holders of public office in Wales should promote and support the principles of sustainable development as defined in the Act*  
The holders of Public Office would be held accountable in the same ways as the other standards

**c** It would be helpful if ways could be found to migrate the duty on the Welsh Public Bodies to embrace the organisations with whom they do business. It is suggested that it might be possible to embed a general duty of care in legal documents such as consents, licences, and contracts issued or entered into by the Bodies. The Act could impose a duty on Bodies specified in the Schedule in the Act to include a general duty of care to execute the functions which are the subject of any given legal instrument issued or entered into by the Bodies , in a way which is sustainable, as defined in the Act . Clearly these sentiments need developing as more precise legal terms and it is likely that this general duty will have to be restricted to the preamble of any document so as to create the right environment in which the functions are discharged rather, than making it a clause for which a breach would require specific legal remedial action by the specified Body.

### **An Independent Sustainable Development Body**

11. We welcome the proposal to establish an Independent Sustainable Development Body for Wales, and look forward to working closely with it. There are considerable opportunities for complementarity and synergy. In particular, we would wish to work alongside the body in the areas of research and knowledge transfer.

### **Implementation**

12. NRW supports the proposal to enact the proposed duty at the beginning of the financial year. However, the case for phasing its introduction is not well made and may result in confusion; NRW suggests that the duty should apply to all public bodies from April 2015.

13. NRW believed that, in keeping with the proposal for shared outcomes across Welsh Government and public bodies, there should be a single set of high level indicators, which should be based on the current Sustainable Development indicators.

### **Conclusion**

14. NRW looks forward to continuing to work with the Welsh Government and its partners on the development and implementation of the Sustainable Development Bill.

*January 2013*



RT Hon Carwyn Jones AM  
First Minister  
National Assembly for Wales  
Cardiff Bay  
Cardiff  
CF99 1NA

December 31, 2013

Dear First Minister,

## FUTURE GENERATIONS BILL

During a recent meeting with Jeff Cuthbert AM, Minister for Communities and Tackling Poverty, it was suggested that I write to you to make a specific suggestion as part of the Future Generations Bill.

When Natural Resources Wales responded to the consultation on the Sustainable Development Bill earlier this year, we suggested that there should be an Eighth Principle of Public Life to add to the existing Seven Nolan Principles - an Eighth Welsh Principle.

The principle would be something like:

*Holders of public office in Wales should promote and support the principles of sustainable development as defined in the Act.*

The holders of public office would be held accountable in the same ways as with the other standards. During the discussion with the Minister, I raised this idea in the context

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## Annex 7.2.1 – NRW Chairman letter to First Minister re FG Bill

of the Future Generations Bill, and he suggested that I should draw it to your attention, if this finds favour with you, I assume that you will pursue this with the Minister; we stand ready to provide any further assistance required.

May I wish you a very Happy Christmas and New Year.

Yours sincerely,



**PETER MATTHEWS**

**Cadeirydd, Cyfoeth Naturiol Cymru  
Chairman, Natural Resources Wales**

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## **BRIEFING FOR STATE OF NATURE SUMMIT - 24TH JULY 2013**

### **Ideas for introduction for summit**

“Our purpose is to ensure that the natural resources of Wales are sustainably maintained, used and enhanced, now and in the future. We will work to maintain and improve the quality of the environment for everyone. We will work towards making the environment and natural resources more resilient to climate change and other pressures.” (Edited down version of NRW’s standard paragraph.)

### **Key messages**

We take biodiversity and geodiversity for granted. But we should conserve them because our survival depends on them, because our economy and lifestyles depend on them, because they inspire and enrich our lives and because to do otherwise is wrong.

If we don’t act now, we will lose the capacity of the natural environment to provide the goods and services in a changing world that we rely on every day and that we get for free.

We need to communicate better about the importance of biodiversity and geodiversity – as issues that affect people personally. Perhaps we could challenge them to see biodiversity and geodiversity declines as a real concern – something that affects their lives and the lives of their children? Biodiversity issues are everyone’s business – not just those of environmental enthusiasts.

The biodiversity and geodiversity of Wales are our responsibility and our legacy for future generations; we need to work together, whatever our roles, to educate, enthuse and enable everyone to contribute to the delivery of our Convention on Biological Diversity, European Union and Welsh targets, using the full range of our current mechanisms (e.g. legislation, protected sites, agri-environment schemes) as well as any new and innovative initiatives such as Natural Resources Planning and the suite of new Welsh Government Bills.

Natural Resources Wales will work with Welsh Government and our NGO partners to identify the steps required to meet our global, European, UK and Welsh targets and the milestones along the way that deliver coherent and resilient ecosystems.

### **Points expanding the above**

Note: Annex 1 provides a short list of habitats and species that could be seen as ‘unique selling points’ for the biodiversity of Wales. These represent the typical Western Atlantic fringe terrestrial communities and the transition between northern and southern marine species ranges that make such a major contribution to the diversity of Wales, but also reflect the range of our important international obligations.

- Biodiversity and geodiversity are key components of all ecosystems, allowing processes such as soil formation, nutrient cycling and primary production to operate while underpinning all provisioning, regulatory and cultural services on which we depend for our physical, mental and spiritual well-being.
- Biodiversity and geodiversity contribute to provisioning services such as food, biochemicals and medicines, raw materials, water; cultural services such as land and seascapes, recreation and tourism,

educational and scientific opportunities and regulating services such as pollination, water regulation, disease and pest regulation.

- Biodiversity provides ecosystems with the capacity to adapt to future changes so its conservation forms an ecosystem insurance policy against future uncertainty.
- Each species, no matter how small, has an important part to play. (Even if we don't know what that role is yet!)
- Geodiversity controls landscape, provides raw materials, soil formation, water regulation and geomorphological processes and underlies biodiversity.
- The statutory protected sites series (Special Areas of Conservation, Special Protection Areas, Ramsar sites and Sites of Special Scientific Interest) is the cornerstone of biodiversity and geodiversity conservation in Wales. These sites are our primary wildlife habitat resource and a reservoir for species and our geodiversity heritage.
- If declines in species and habitats are to be fully addressed and reversed, this needs to be set within the context of the wider environment to ensure that the protected site network is more resilient to environmental change (e.g. climate change, nutrient enrichment, coastal erosion processes).
- Historical habitat losses and changes, due to local and policy-level shifts in land management regimes, have contributed to many of the current declines in species and habitats. Better management of natural resources will help address these and other drivers of change.
- We will work with Welsh Government towards advancing the use of an ecosystem approach to land management via natural resource planning across all sectors of Welsh life.
- We will continue to urge Welsh Government to take this mechanism forward as the primary basis and evidence base for spatial planning in Wales, which reflects the ecosystem approach and acknowledges that maintaining and improving the health and resilience of ecosystems is essential to achieving long term social and economic objectives.
- NRW will continue to develop practical tools for the application of the ecosystem approach in our planning, regulatory and advisory functions.
- We will continue to engage with Welsh Government on developing legislation relevant to biodiversity and geodiversity conservation and, particularly, on developing proposals for the forthcoming Environment and Planning Bills.
- We will examine the tools and mechanisms that enable NRW to deliver its statutory purposes (including experimental powers), addressing weaknesses or barriers in current legislation and enforcement and looking at how we make best use of existing legislation.
- We will also continue to advise Welsh Government on the implementation of the Marine and Coastal Access Act (2009) and the Marine Strategy Framework Directive to maximise opportunities to deliver sustainable management of the marine environment and to restore and recover marine biodiversity.

- We will continue to support and encourage the implementation of the Biodiversity Duty (Natural Environment and Rural Communities Act, 2006) across all sectors of Welsh Government and also at the local level with planning authorities and other bodies.
- NRW will contribute to the periodic reviews of the Section 42 priority habitats and species to inform the multitude of actions undertaken by Local Biodiversity Action Partnerships on behalf of the Wales Biodiversity Partnership.
- We will continue to work with Welsh Government on the implications of the ongoing reviews of the Common Fisheries Policy and the Common Agricultural Policy, particularly the proposed greening of Pillar 1 and the design of incentivising agri-environment initiatives (both whole farm and part-farm) under the new Wales Rural Development Plan for 2014-2020.
- We will contribute to the review of Glastir and work with Welsh Government on the use and enforcement of the Environmental Impact Assessment Regulations in the wider countryside, as well as the use of Management Notices and Schemes where necessary to restore resilience to our special sites.
- We will build on the success of the Wales Biodiversity Partnership, through the new Wales Biodiversity Strategy and Framework, via the Board chaired by Welsh Government. This high level governance body will oversee the development, delivery and communication of priorities for biodiversity in Wales and ensure that these are aligned with the Convention on Biological Diversity Strategic Plan 2011-2020 targets, the European Union Biodiversity Strategy to 2020 and the Wales Environment Strategy.
- Natural Resources Wales will continue to support our NGO partners in the delivery of positive conservation action through collaborative working, technical support and grant aid provision, such as through our Strategic Partnerships.
- Natural Resources Wales will continue to coordinate and administer the Resilient Ecosystem Fund on behalf of Welsh Government. A similar Geodiversity Partnership is needed to drive forward the geodiversity agenda in Wales.
- Natural Resources Wales will continue to develop and demonstrate best practice management on our own sites. We will seek to build on the legacy of successful projects by seeking to expand these where appropriate to a landscape or catchment-scale.
- The State of Nature report highlights the paucity of data (quality and quantity) available to make robust assessments of the changing state of species in Wales. Often, this accords with our own assessment, especially in relation to biodiversity priorities (S42 and Habitats Directive species).
- The situation for habitat data is similarly challenging. Some very localised habitats (such as montane heath), can be picked up by specific site monitoring programmes, but many others are too widespread (such as marshy grassland) and are mostly found outside designated sites.
- We appreciate the huge effort made by thousands of volunteers across Wales to help manage and monitor the natural environment (e.g fifty years of vital work by The Wildlife Trusts) through various projects and recording schemes.
- We also need to support and sustain systematically designed monitoring programmes which provide a powerful means of identifying trends and attaching levels of confidence to them.

- Public understanding and engagement is essential for ensuring sustained support for biodiversity and geodiversity conservation. Natural Resources Wales needs to continue communicating to the wider public through interpretation initiatives, press releases, media coverage, etc, to highlight successes and challenges and ensure that the biodiversity message is reinforced.
- We recognise the important role that our partners play in engaging, enthusing and educating the public, and NRW will continue to support interpretation initiatives across Wales.
- We will continue to manage our own land to increase opportunities for public access and enjoyment without causing damage to sensitive habitats, species and geodiversity. The Welsh Government Woodland Estate provides many services to Wales, including social benefits such as education, recreation and health as well as economic benefits through timber supply and biodiversity benefits. Public access around the entire coast of Wales provides an opportunity for people to engage with the habitats and species of our extensive areas of shore and sea.
- We need to recognise that there are also societal risks of not managing ecosystems appropriately, with resulting unsustainable exploitation of resources and a failure to gain resilience. Some risks, such as the disappearance of a species or the increased costs of flood control are fairly obvious, but others, such as the possibilities of higher incidences of disease (e.g. *cryptosporidium* due to high livestock levels near water sources, algal blooms due to high nutrient run off, etc.) may be less so.

NOTE: The inclusion of geodiversity is often deemed to be implicit whenever biodiversity is mentioned. However, geodiversity should also be discussed in its own right. Natural Resources Wales and Welsh Government have the opportunity to drive forward geodiversity work in Wales through supporting a Geodiversity Wales Partnership and embedding geodiversity into the ecosystem approach.



## Possible summit questions

### 1. What does success look like?

- We need to develop an agreed definition of success; so that we know how close we are to reaching it, and when we have met it. It is helpful to have a vision, with more defined targets and milestones.
- Natural resources planning operational across **all sectors** in Wales
- A functional network of protected sites, according to the Lawton<sup>1</sup> principles, has been adopted for Wales as part of the designation review:
  - (i) Improve the quality of current sites by better habitat management
  - (ii) Increase the size of current wildlife sites
  - (iii) Enhance connections between, or join up, sites, either through physical corridors, or through ‘stepping stones’
  - (iv) Create new sites
  - (v) Reduce the pressures on wildlife by improving the wider environment, including through buffering wildlife sites
- Achievement of Convention on Biological Diversity and European Union targets and Wales Environment Strategy targets 19-22:
  - 19: The loss of biodiversity has been halted and we can see a definite recovery in the number, range and genetic diversity of species, including those that need very specific conditions to survive
  - 20: The wider environment is more favourable to biodiversity through appropriate management, reduced habitat fragmentation and increased extent and interconnectivity of habitats
  - 21: Sites of international, Welsh and local importance are in favourable condition to support the species and habitats for which they have been identified
  - 22: Our seas are clean and support healthy ecosystems that are biologically diverse, productive and managed sustainably
- Achievement of the agreed Biodiversity Action Plan targets for Section 42 species and habitats with a surveillance scheme that enables the determination of progress through milestones towards the required outcomes
- Improved understanding of how geodiversity and landscape can control habitat and species distribution
- Successful completion of Marine Protected Areas network: an ecologically coherent network of marine protected areas around Wales, the Irish Sea and UK waters that provides ecosystem resilience in a changing climate.
- Establishment of and support for the implementation of the WBP Framework and Wales Biodiversity Strategy
- An engaged and knowledgeable public who support and understand the principles of ecosystem conservation and may take part in actions to improve habitat management and our evidence base

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<sup>1</sup> Lawton, J.H., Brotherton, P.N.M., Brown, V.K., Elphick, C., Fitter, A.H., Forshaw, J., Haddow, R.W., Hilborne, S., Leafe, R.N., Mace, G.M., Southgate, M.P., Sutherland, W.J., Tew, T.E., Varley, J., & Wynne, G.R. (2010) *Making Space for Nature: a review of England's wildlife sites and ecological network*. Report to Defra.

- Our National Nature Reserves will be jewels in the crown in terms of conserving our geological and biological heritage. The NNRs will also play a key part in enthusing visitors about geodiversity, landscape and biodiversity
- Successful partnerships with our long-established and ‘traditional’ partnership organisations, as well as making new partnerships with other groups across Wales
- Completion of Water Framework Directive (WFD) and River Basin Management Plan measures, especially on our aquatic protected sites, such that our freshwater and marine systems are recovered and in a better condition to provide their ecosystem services
- Invasive non-native species and plant and animal diseases that impact on our native biodiversity are recognised, prioritised and actively managed
- Skomer Marine Nature Reserve will be an outstanding example of marine ecosystem conservation in temperate waters in Europe and a model for local community engagement in marine conservation, education and management
- The Welsh Marine Spatial Plan will be underpinned by a comprehensive seabed map that is generating a range of environmental and socio-economic benefits from improved maritime safety, through the development of a knowledge-based economy built on skilled jobs, and directly improving our environmental evidence base and climate change models
- In the marine environment, natural resource planning will be fully integrated with marine planning in Wales and delivery of the Marine Strategy Framework Directive with shared and well-supported targets
- Commercial fish stocks in Welsh waters are at sustainable levels and underpinning a vibrant local fishing economy
- Native oyster beds have been restored at several locations and become biodiversity hotspots and sustainable fisheries
- Our restored and expanded seagrass beds are recognised for the valuable goods and services they deliver including commercial fish nursery areas and carbon sinks
- The Welsh people are proud of their outstanding natural marine resources and Skomer and Skokholm are still the largest Manx shearwater colony in the world holding in excess of 57% of the population
- We will have introduced a series of community-based projects to tackle the aesthetic problem of marine litter. The Wales Coastal Path will be leading people on to some of the cleanest beaches in the UK and more ‘Blue Flags’ will be flying
- Critical coastal squeeze areas have been eased by a series of phased retreat projects restoring wetland habitat and delivering valuable ecosystem services for society, including protection from floods and sea level rise
- Integrated catchment to coast management has made our coastal waters cleaner, with less polluting nutrients, metals and pathogens

## **2. Priorities**

- Further develop the thinking behind the ecosystem approach alongside the development of natural resource planning across all government sectors
- Suitable habitat management to support the achievement of Convention on Biological Diversity, European Union and Biodiversity Action Plan targets on all Welsh Government Estate (leading by example)
- The State of Nature report carries a “message of hope” that targeted conservation action can help to reverse the fortunes of declining habitats and species. This targeted action work requires identification, prioritisation, resourcing and action
- Analysis of functionally important species that are lost or at unsustainably low levels in order to identify whether reintroduction or population enhancement is necessary or appropriate
- Support for long-term dataset collection and analysis
- Priority research projects identified by Wales Biodiversity Partnership should be championed and promoted with the academic community
- Embedding the need to conserve biodiversity and geodiversity under a wider range of measures within new Wales Rural Development Plan, including farm advisory services and grants as well as agri-environment schemes that incentivise ecosystem service provision

## **3. Possible new/amended mechanisms**

- Five year programme of extended financial support for Resilient Ecosystems Fund with each year funding 2 to 3 year-long projects to enable more coherent and fundamental work to be completed
- Rural Development Plan delivery aligned to biodiversity resilience needs and implementation of natural resources planning. Local authority plans should take full account of biodiversity resilience and support the status of locally important wildlife sites (SINC) through the planning process
- Agri-environment schemes implemented on the basis of incentivising payments for ecosystem services, abandoning incentives that damage biodiversity
- Agri-environment schemes reviewed regularly to ensure delivery of biodiversity resilience, including the use of both whole farm and part-farm schemes on farmland as well as a new grant scheme and advice focussed on the management of non-agricultural land
- Undertake active management on priority invasive non-native species (INNS) with support from UK and Welsh governments
- Landscape-scale projects that encompass the ecosystem approach and deliver improvements in habitat and species condition, with geodiversity integrated into all proposals

## Annex 8.2– Briefing for State of Nature summit at RWS 110713

- Continuation and re-invigoration of Welsh Government support for Biodiversity Champions in all local planning authorities to ensure compliance with the NERC Act biodiversity duty
- Make proactive use of the conservation tools in the Marine and Coastal Access Act (2009) including Marine Conservation Zones, conservation orders and fisheries orders to improve the condition of the marine protected area network and restore and recover marine biodiversity
- Implement the Marine Strategy Framework Directive and ensure integration with marine planning to maximise opportunities to deliver sustainable management and increase the resilience of marine biodiversity throughout the wider marine environment
- The report does not contain any detailed recommendations and Natural Resources Wales would like to work with its NGO partners, Welsh Government and others to develop further mechanisms for addressing the issues highlighted

Compiled by staff from across Knowledge, Strategy and Planning Directorate  
10th July 2013

## **‘LONG’ BRIEFING FOR STATE OF NATURE SUMMIT- 24th July 2013**

### **Key points from the State of Nature report:**

- The report is compiled from existing datasets and, as a consequence, has a bias towards well-recorded species groups, e.g. birds, butterflies and vascular plants. The lack of comprehensive data across taxonomic groups and habitats is highlighted in the report as a major concern at both a UK and a Wales level.
- The Wales section focuses on 4 terrestrial habitats; farmland, woodland, lowland heathland and upland. For each, it outlines the importance of the habitats in a UK and European context, the issues they are facing and the impact on species. There are also examples of successes, such as the increase in hen harrier and black grouse populations in the uplands.
- In general, the data show fluxes in species and habitats over the last 50 years, with slightly more species declining than increasing. In particular, declines are more substantive for those species that require specialised habitats and niches, especially those of low nutrient status. This coincides with a combination of nutrient enrichment from atmospheric or local sources that changes the balance of species towards widespread and common generalists, and the decline in traditional management across habitats.
- The report calculates that, of the 6,000 species assessed in the UK, more than 1 in 10 are currently thought to be under threat of extinction. In Wales, for example, the report notes that 1 in 6 species of plant are considered threatened.
- The report carries a “message of hope” that targeted conservation action can help to reverse the fortunes of declining species. Recovery of the high brown fritillary butterfly population in the Vale of Glamorgan is cited as an example of effective management and long-term partnership. But it still only occurs on this single, if large site.
- The State of Nature report does not contain any detailed recommendations and Natural Resources Wales would like to work with its NGO partners, Welsh Government and others to develop mechanisms for addressing the issues highlighted.

## **How Natural Resources Wales is addressing the loss and decline of biodiversity**

NRW recognises that biodiversity is a key component of all ecosystems, allowing processes such as soil formation, nutrient cycling and primary production to operate. These processes in turn underpin all provisioning, regulatory and cultural services on which we depend for our physical, mental and spiritual well-being.

NRW will continue to build on the work of the legacy bodies to protect, maintain and enhance habitats and species through a range of mechanisms including the Living Wales Ecosystem Approach Framework, in order to contribute to the delivery of CBD and EU biodiversity strategy targets. These include:

1. Maintaining and improving the protected site series, providing advice to government and others, contributing to policy and legislation development
2. Addressing the drivers of change in the wider environment
3. Reviewing the legal framework
4. Working in partnership
5. Demonstrating best practice
6. Improving monitoring, surveillance and reporting of environmental change
7. Engaging the public

The establishment of NRW provides Wales with a unique opportunity to take a more joined-up approach to managing and caring for our environment and its natural resources in a way that enhances the health of the environment, while also providing better benefits for society and businesses. A healthy, diverse and resilient natural environment is better able to adapt to threats caused by climate change and other challenges and better able to protect people who live, work and visit Wales from potential negative impacts<sup>2</sup>. Biodiversity therefore forms an ecosystem insurance to future uncertainty because resilience is enhanced where there is diversity at all levels of habitats (types, structure) and species (genetics and ranges) in a well-connected landscape.

We will continue to make use of our existing range of tools to protect the environment, but we will also look to build new ones that will help us achieve even more. NRW, in partnership with Welsh Government, will be developing the ecosystem approach, which demands that, alongside biological/geological diversity and ecological resilience, we give full consideration to the community and the economy as an integral part of managing the environment.

The relative absence of an integrated overview in the management of the natural environment that also encompasses social and economic issues has been at the heart of an approach that previously aided individual drivers of environmental change, while neglecting the bigger picture. The Welsh Government, across its wide range of responsibilities and departments, is committed to natural resources planning, and investing in reversing damage to degraded species and habitats will address a significant risk to the successful achievement of this approach. Taking appropriate evidence-based action in the natural environment to improve the resilience of natural ecosystems is now acknowledged as essential to securing a wide range of services and benefits for society<sup>3</sup>. Management of different natural resources within landscape areas such as catchments would be coordinated, carefully weighed-up, and informed by national priorities. This would allow the important locations for both biodiversity

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<sup>2</sup> Allison, H.M., Walmsley, C.A., Gaywood, M. & Thurgate, G. (2007). *Conserving Biodiversity in a Changing Climate: guidance on building capacity to adapt*. Defra.

<sup>3</sup> Latham, J., Thomas, R & Spode, S. (in prep, 2013). *Ecosystem resilience: a discussion paper on the use of the concept for Natural Resources Wales*.

and the ecosystem services that flow from them to be properly recognised, and for novel solutions to environmental problems to be developed. For example, new woodland might be located in an optimal situation to enhance biodiversity and ecosystem resilience, while also reducing flood risk downstream, sequestering carbon, and providing new recreational opportunities.

The importance of conserving and restoring our biodiversity resources cannot be over-emphasised. While it has been suggested in the past that ‘look after the habitats and the species will look after themselves’, the reality is that this approach has not worked in all cases - a good example being the demise to extinction of the large blue butterfly *Maculinea arion* in south west England. Chalk grassland sites with the last butterfly populations were protected and managed to produce flowery swards. However, the subsequent removal of grazing eliminated the hot sunny conditions required by the butterfly’s ant host *Myrmica sabuleti* and the two species became extinct in the UK in 1979<sup>4</sup>. Recognition of the very particular needs of both species led to changes in the approach to management becoming specific for the invertebrates and successful re-introduction projects. The role of rare species in the functioning of ecosystem processes has been questioned, but recent research has shown that rare species disproportionately increase the potential breadth of functions provided by ecosystems across spatial scales<sup>5</sup>.

We have reviewed the role of keystone species and habitats as part of our contribution to the Evidence Workstream of the Natural Environment Framework project. It had been suggested that it might be more beneficial to prioritise so-called keystone species or habitats for conservation effort in order to deliver biodiversity targets, rather than carrying out action on all of the Section 42 species (NERC Act). A thorough review of the literature recommended that this apparent ecological phenomenon was not generally present in our ecosystems and that the concept of keystone habitats was not actually well-recognised. Instead, the advice was to concentrate on restoring ecosystem health and resilience<sup>6</sup>.

Wales has a special responsibility for a range of species and habitats at a UK, European and global level. Sites selected for the Natura 2000 network, for example, support species and habitats that have been recognised as being of European importance. This is especially true of our extreme western examples of habitats such as coastal heath and broadleaved woodland, while species at the western, northern and southern limit of their distribution occur in our coastal, woodland and upland habitats in particular. Annex 1 presents a series of habitats and species that are particularly emblematic of Wales’ biodiversity. This is small selection that could be expanded to show how Wales has a unique selling point in its range and extent of semi-natural habitats (covering around 30% of Wales) and the special species they support. These are not only valuable as attractions for visitors, but essential components of our ecosystems resource that supply services for Wales and beyond the borders.

### **1. Maintaining, restoring and improving the protected sites series (Sites of Special Scientific Interest (SSSI), Natura 2000 sites, Ramsar sites and National Nature Reserves)**

The statutory protected sites series is the cornerstone of biodiversity and geodiversity conservation in Wales. These sites are our primary wildlife habitat resource and a reservoir for species and are critical to conserve our geological heritage. Recent evidence shows that the designated site series remains essential to the protection of terrestrial, freshwater and marine habitats and species in a changing

<sup>4</sup> Thomas, J.A. (1980). Why did the large blue become extinct in Britain?. *Oryx*, 15: 243-247.

<sup>5</sup> Mouillot, D. et al. (2013). Rare species support vulnerable functions in high-diversity ecosystems. *PLOS Biology*. Vol. 11 Issue 5.1-11.

<sup>6</sup> NEF C3 Workstream Paper 4: Keystone Species, can the keystone species and keystone habitats concepts be usefully applied in the Natural Environment Framework (NEF)?

environment<sup>7</sup>. However, if declines in species and habitats are to be fully addressed and reversed, there is an increasing need to set this within the context of the wider environment and ensure that the network is more resilient to environmental change (e.g. climate change, nutrient enrichment, coastal erosion processes). We are addressing this by:

- Continuing the designation and appropriate management of the SSSI and Natura 2000 series, e.g. identifying and designating under-represented habitats and species and identifying management and resource needs on European sites through the EU-funded LIFE Natura 2000 programme.
- Ensuring that sites are large enough to support the necessary ecological and ecosystem processes and offer opportunities for microclimate adaptation.
- Improving connectivity between sites and with the wider environment to facilitate the recovery and adaptation of species and habitats.
- Reducing pressures on the designated sites series by improving the wider environment, including buffering sites.
- Identifying designated sites that are particularly vulnerable to climate change as priority sites for management intervention where appropriate.
- Revising our Natura 2000 site management plans to ensure they deliver in the most effective way possible. In the aquatic environment this includes integrating objectives with River Basin Management plans.
- Providing timely and robust advice in response to proposals that impact on species and habitats.

The marine environment offers different challenges. We need to develop an ecologically coherent network of well-managed Marine Protected Areas (MPAs) which will provide effective protection for the range of habitats, species and ecosystem processes found in Welsh waters.

The current network of MPAs includes European sites (Special Protection Areas (SPAs), and Special Areas of Conservation (SAC)), SSSI with marine components (estuarine and intertidal areas), Ramsar sites (international bird and wetland sites) and Skomer Marine Nature Reserve. The European Commission considers the UK deficient in offshore SPAs for marine birds, and SAC for harbour porpoise. NRW is therefore working with the Joint Nature Conservation Committee and Welsh Government to assess the evidence for sites in the UK and Welsh waters.

CCW provided advice to Government in 2006<sup>8</sup> that, to support the delivery of the ecosystem approach, we need to improve the management of our existing MPAs and that the Welsh MPA network should include some highly protected sites, which would improve our understanding of the marine environment and contribute to recovery and resilience of the marine ecosystem. A recent review<sup>9</sup> indicates that highly protected reserves often provide greater biodiversity benefits compared to partially protected sites, although there are concerns over the potential social and economic impact of these sites if located in the wrong place.

A key part of the protected sites series is the geodiversity site network which provides the cornerstone of geological conservation in Wales. There are more than 480 Geological Conservation Review (GCR)

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<sup>7</sup> Thomas, C., Gillingham, K., Bradbury R.B., *et al* (2012). Protected areas facilitate species' range expansions. *Proceedings of the National Academy of Sciences*. 109 (2012): 14063-14068.

<sup>8</sup> Dernie, K.M, Ramsay, K., Jones, R.E, Wyn, G.C., Hill, A.S., & Hamer, J.P (2006). Implementing the Ecosystem Approach in Wales: Current status of the maritime environment and recommendations for management. CCW Policy Research Report No 06/9.

<sup>9</sup> Sciberras, M, Jenkins, S.R., Kaiser M.J., Hawkins S.J. and Pullin A.S. (2013) Evaluating the biological effectiveness of fully and partially protected marine areas. *Environmental Evidence* 2013, 2:4 <http://www.environmentalevidencejournal.org/content/2/1/4>



sites in Wales which include features such as the oldest rocks in Wales, active river and coastal processes, disused and working quarries, and former mine sites. GCR sites often overlap with biodiversity sites and management issues can affect geological sites in much the same way. Only their protection and proper management can safeguard these sites. A key challenge for many geological sites is suitable management that ensures visibility and accessibility of the feature.

The fundamental message is that protected sites play an essential role in the establishment and maintenance of resilience in our environment, so the headline outcome of the Lawton Report<sup>10</sup> relating to sites being “*more, bigger, better and joined*” is one that should be adopted in Wales.

## 2. Addressing the drivers of change in the wider environment

We will address drivers of change and their interactions in the wider environment by better management of natural resources and will work with Welsh Government in the development of natural resource planning. We will continue to urge Welsh Government to take this mechanism forward as the primary basis and evidence base for spatial planning in Wales, which reflects the ecosystem approach and acknowledges that maintaining and improving the health and resilience of ecosystems is essential to achieving long-term social and economic objectives. Natural resource planning should be dynamic and responsive to feedback from monitoring, evaluation and intervention activity. To support this, we will continue to develop practical tools for the application of the ecosystem approach to our planning, regulatory and advisory functions.

Improving the water environment and securing associated ecosystem services for Wales are government priorities. Our work on leading Water Framework Directive (WFD) actions in Wales is a key strategic mechanism for delivering freshwater and wetland biodiversity improvements. Through the first cycle of River Basin Management Plans (RBMPs), we are aiming for 50% of all water bodies to reach good ecological status (or ‘good potential’ for heavily modified water bodies) by 2015. We are also starting to work on planning and identifying additional improvements that can be delivered through the second cycle of RBMPs from 2015 to 2026. Over one billion pounds have been spent on improving discharges of waste water treatment works to Welsh coastal waters and further improvements are planned. Tightening of standards for contaminant concentrations will be made in 2015 to better reflect their potential for ecological damage.

While point source discharges are regulated by NRW through permitting processes, identifying and reducing the impact of diffuse pollutants is a significant challenge. This is being tackled by NRW and its partners with the impacts of agricultural run-off, urban drainage misconnections and private sewage discharges amongst the issues being addressed.

Identifying ‘reasons for failure’ for the water environment is often complex and time-consuming and restoration measures can take decades to achieve, so we will monitor and report progress through annual reports. This will help our work with our many WFD co-deliverers to gather information on the evidence gaps and develop cost-effective integrated catchment-scale solutions and improved land use management activities to tackle such things as diffuse pollution, inappropriate physical modifications and restoring wetlands.

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<sup>10</sup> Lawton, J.H., Brotherton, P.N.M., Brown, V.K., Elphick, C., Fitter, A.H., Forshaw, J., Haddow, R.W., Hilborne, S., Leafe, R.N., Mace, G.M., Southgate, M.P., Sutherland, W.J., Tew, T.E., Varley, J., & Wynne, G.R. (2010) *Making Space for Nature: a review of England’s wildlife sites and ecological network*. Report to Defra.

We will increasingly need to provide advice to landowners on management options that reduce the risks posed by a changing climate, for example, by providing guidance on how to improve woodland resilience through appropriate management. We will produce a progress report on climate change adaptation in Wales' natural environment to comply with the Climate Change Act (2008).

We will implement a programme of restoration on the high priority afforested peat sites that have been identified on the Welsh Government Woodland Estate by the national assessment, 'A Strategic Assessment of Afforested Peat Resources in Wales'. These have been identified on the basis of greatest potential for a range of ecosystem service delivery, including climate change mitigation.

We will continue to support Welsh Government in delivering its target of creating 100,000ha of woodland in Wales to meet the climate change carbon balance target. We will manage the scheme until January 2014.

We will also need to address the growing threat to Wales' biodiversity from pests and diseases. We currently carry out surveillance and control measures to reduce their impacts on our ecosystems and will continue to work with researchers and landowners to implement appropriate responses to ash dieback (*Chalara fraxinea*) and *Phytophthora ramorum* in larch. The Welsh Government Estate land will provide a valuable opportunity for demonstrating our contribution to a Welsh Strategy for Invasive Non-native Species, when it is developed.

Marine habitats in both the intertidal and subtidal areas of Welsh seas have been lost, damaged or degraded due to past human influences. We are working on plans to create new intertidal habitat to replace habitats lost due to essential coastal protection work and are looking into options to restore lost and degraded habitats (e.g. native oyster beds), although we currently lack the resources to progress these.

We also plan to work to try and minimise the risk posed by invasive non-native species on all habitats, native species and ecosystem functioning. We have already demonstrated our commitment to this by undertaking a major project to eradicate the invasive sea squirt *Didemnum vexillum* from Holyhead marina and we are currently leading a UK and Ireland project to try and reduce the spread of marine invasive non-native species by managing their pathways of spread (Pathways Project). This project will also help deliver Marine Strategy Framework Directive (MSFD) targets. Establishing a UK-wide approach is a key requirement of this work and there is a considerable amount of work to be done to develop a national awareness of this issue.

We will continue to advise land-use and marine policy development, including seeking better biodiversity outcomes from Common Agricultural Policy and Common Fisheries Policy reform, the new Wales Rural Development Plan, agri-environment schemes, addressing sources and impacts of transborder atmospheric pollution, particularly nitrogen deposition and encouraging sustainable fisheries practices.

### **3. Reviewing the legal framework**

We will continue to engage with Welsh Government on reviewing legislation relevant to biodiversity and geological conservation, particularly on developing proposals for the forthcoming Environment Bill. This includes looking at the tools and mechanisms that enable NRW to deliver its statutory purposes, addressing weaknesses or barriers in current legislation and looking at how we make best use of existing legislation. There are several Bills in preparation (Heritage, Sustainable Development,

Planning and Environment) that need to be interlinked to ensure a cross-government approach to delivering ecosystem resilience in partnership with industry, farming, transport and health sectors and, most importantly, local communities. Some potential gains for biodiversity could be guaranteed by linking the Planning and Environment Bills to ensure net biodiversity gain from development plans as a contribution towards achieving biodiversity targets at local and national levels.

In the marine environment, we have worked to influence the development of important pieces of legislation, including the Marine and Coastal Access Act (2009) and the EU Marine Strategy Framework Directive (MSFD) to ensure that the ecosystem approach is embedded within these. Welsh Government will shortly embark on the development of marine plans and we will work closely with them to ensure that plans, in particular, maximise opportunities to restore and recover marine biodiversity, deliver sustainable management of the marine environment, and integrate with wider MSFD and Marine Act implementation.

We will seek to ensure that conserving biodiversity and geodiversity remains a core statutory purpose.

#### **4. Working in partnership**

We welcome the State of Nature report, as it provides an opportunity to build on the very collaborative relationship that we have developed with the NGO community and other partners in Wales. The Wales Biodiversity Partnership (WBP) has provided a key mechanism for co-ordinating and promoting biodiversity action and we intend to build on its successes through the new Wales Biodiversity Strategy Board chaired by Welsh Government. This high level governance body will oversee the development, delivery and communication of priorities for biodiversity in Wales and ensure that these are aligned with the Convention on Biological Diversity Strategic Plan 2011-2020 targets and the European Union Biodiversity Strategy to 2020. The Wales Biodiversity Strategy will offer a strong foundation on which to evolve the Wales Biodiversity Framework which provides a path from strategy to local delivery, using the distinctive capabilities of all the organisations involved. The Framework provides a connection between biodiversity action and the requirements of Wales, EU and international policies and targets.

NRW has provided funding support for the development and implementation of Local Biodiversity Action Plans (LBAPs) across Wales since their inception. This has delivered on many fronts, including practical action, engaging the public, education and cross-sector working, especially since the appointment of Biodiversity Champions at Cabinet level in local authorities and National Parks.

LBAPs have delivered a wide range of essential action for biodiversity, making biodiversity a recognisable issue across Wales, and not only through Wales Biodiversity Week events every year. Wildlife gardening projects, education, volunteering, collecting data, family events, habitat and species management, walks and talks have all been organised and hosted by LBAP groups for the last 15 years. NRW has supported the work of WBP by a strategic partnership agreement that funds 2 members of the Support Team (one is employed in NRW) as well as several operational activities including Wales Biodiversity Week and the annual conference.

NRW will continue to support our NGO partners in the delivery of positive conservation action through collaborative working, technical support and grant aid provision, such as our Strategic Partnerships. The Wildlife Trusts have been working in Wales for 50 years, safeguarding and managing a wide range of Wales' most representative habitats and species.

In addition, NRW will continue to co-ordinate and administer the Resilient Ecosystem Fund on behalf of Welsh Government. The Ecosystem Resilience, Diversity and Compliance Fund 2011/12 (ERDC), the ERD Fund 2012/13 and the Resilient Ecosystem Fund (2013-2015) all focus on supporting positive action for biodiversity and ecosystems, with the aim of improving the resilience of Wales' natural environment. This fund uses the expertise of the WBP to align the funding as far as possible with priorities of the 9 Ecosystem Groups, the Species Expert Group and the Invasive Non-native Species Group. This partnership approach to the fund was a step change to the way funding is managed for this type of work and it has, in a very short timeframe, delivered some excellent projects. For example, ERD 2012/13 funded 34 projects across all the ecosystem and species groups throughout Wales and its seas. ERDC 2011/12 funded 16 projects.

With key partners such as the British Geological Survey and National Museum Wales, NRW is looking to develop a geodiversity partnership along similar lines to the WBP. 'Geodiversity Wales' would bring key statutory bodies that have a geological remit together with voluntary groups such as RIGS (Regionally Important Geodiversity Sites), Geologists Association and Geoparks in order to co-ordinate activity and effort. In Scotland, the Scottish Geodiversity Forum has developed a Geodiversity Charter which sets out the vision on how everyone can contribute to ensuring that geodiversity continues to benefit present and future generations. The Charter is endorsed by the Scottish Government and will be the way forward for Wales.

NRW works closely with Fforest Fawr and GeoMôn geoparks. This UNESCO-backed designation has socio-economic improvement, using geodiversity and geoheritage, as one of its core functions. Geoparks aim to use an area's geoheritage to revitalise the region, mainly through sustainable economic development and geotourism. They also support environmental education and promote training and research in the Earth sciences.

The voluntary geoconservation movement has strong historical links to Wales and the former CCW were much involved in developing and supporting RIGS groups. RIGS groups identify the most important places for geology, geomorphology and soils outside the SSSI network. They are also instrumental in raising awareness of geodiversity through their interpretation material such as their 'Geological Town Trail' series. More recently, through Welsh Government ALSF funding and former CCW support, an all-Wales RIGS audit was completed. NRW continues to support RIGS work in Wales.

We will continue to encourage landowners to manage their land positively for biodiversity and geodiversity through various mechanisms such as s15 Management Agreements, and habitat or species specific schemes, as well as providing information and advice on the larger agri-environment and woodland management schemes.

In the marine environment, we will also build on successful partnerships with commercial organisations such as the Menai Strait mussel industry and through projects such as FishMap Môn, which works with the North Wales Fishermen's Cooperative Ltd, Bangor Mussel Producers Ltd and the Welsh Federation of Sea Anglers. We are also working with the commercial fishing industry in Wales and Welsh universities to look at opportunities for fishermen to become more involved in the collection of marine environmental data, both as a business diversification opportunity but also to establish a more integrated approach to collection, dissemination and utilisation of marine data in Wales.

The benefits of partnership working with a wide range of stakeholders are also demonstrated in relation to management of Marine Protected Areas, with the involvement for many years of stakeholders on

MPA liaison and advisory groups (e.g. Skomer MNR, Pen Llŷn a'r Sarnau SAC liaison group). A practical example of this approach is the Porth Dinllaen seagrass project.

In developing evidence to support planning for marine renewable energy, we worked in close partnership with the Crown Estate and Welsh Government to produce data layers on those natural heritage receptors considered most sensitive to impacts from marine renewable energy devices, such as marine mammals, diving birds and sensitive seascapes. These evidence layers were tailored to be compatible with the Crown Estate and Welsh Government's GIS-based planning tools for marine renewable energy. They have directly informed the recent identification of demonstration zones for wave and tidal devices around Wales in areas considered to be of 'lower consenting risk'.

Through our annual Aquatic Biodiversity Improvement Programme we work with others to improve water-related habitats and species and focus particularly on supporting Water Framework Directive (WFD) and Welsh Government aquatic biodiversity priorities. The programme delivers ecosystem benefits by supporting projects at various scales, ranging from river catchment through to community specific initiatives. Last year, for example, we supported 51 projects; most in collaboration with local groups, 3rd sector organisations and other public bodies. These projects created over 23 ha and restored a further 24 ha of aquatic priority habitat, improved over 44 km of river corridor and helped create 13 new ponds. This partnership approach is fundamental for maximising the potential synergies different partners can bring and, as a result, we were able to double the funding for these projects including drawing in Landfill and EU LIFE+ funding. In addition, management and measures to improve our water pollution is being delivered in partnership with other organisations through the River Basin Management Plans of the WFD.

We also use this programme to support essential work for aquatic priority species, including the freshwater pearl mussel, white clawed crayfish and water vole. We have captive rearing programmes for all three species and the pearl mussel captive project is part of our commitment to a large-scale "Pearls in Peril" LIFE+ multi-partner £600k project that runs to September 2016. This project focuses on developing more immediate habitat and species-specific measures, including local community and landowner engagement to improve Welsh pearl mussel populations at key sites in advance of broader, longer-term improvements delivered through the Water Framework Directive, for example.

We will also continue to develop partnerships with academic organisations to promote collaborative research into change in the natural environment, such as through the Environmental Change Network (ECN), the Climate Change Commission and the Climate Change Consortium of Wales, and to explore the developing fields of ecosystem resilience and ecological connectivity.

#### **4. Demonstrating best practice**

NRW will continue to develop and demonstrate best practice management, interpretation and education on our own sites. Lessons learned from initiatives such as the highly successful Anglesey and Llyn Fens EU funded LIFE+ Project will be shared with our partners and will help to inform Welsh Government policy. We will seek to build on the legacy of successful projects by seeking to expand these where appropriate to a landscape or catchment-scale.

We will improve our understanding of management needs in the face of environmental change by facilitating the use of the National Nature Reserves for demonstration and research purposes in collaboration with our NGO and academic partners, e.g. dune restoration projects at Kenfig and Newborough Warren NNRs. We will continue to develop adaptive management techniques when

carrying out work on the Welsh Government Woodland Estate (managed by NRW) and our other landholdings. Our commitment to managing woodlands through low impact silviculture systems will increase diversity and we are implementing a policy of increasing tree species diversity to improve resilience in woodlands. These measures will provide greater opportunities for biodiversity.

We continually look for innovative ways to support our biodiversity delivery work, identify, understand and maximise ecosystem benefits and provide information to help people take better account of biodiversity in decision-making. As an example we have developed a simple GIS-based Wetlands ‘Opportunities Map’ so people can identify potential wetland opportunities and associated ecosystem benefits that they can use to scope into “protect” proposals. Its high resolution information appears to be particularly useful for helping to identify wetland opportunities within urban areas and it is already successfully influencing initiatives such as the ‘Greener Grangetown’ Water Sensitive Urban Design project, for example. Recent research we have commissioned on the afforested peat resource in Wales helps identify the opportunities for restoration of afforested deep peat and prioritise restoration efforts to give biodiversity, hydrology and greenhouse gas (GHG) benefits.

NRW’s SCCAN project, System Cynorthwyo Cynllunio Adnoddau Naturiol, or Natural Resources Planning Support System, has mapped a range of ecosystem services and areas where improving these is likely to bring most social and economic benefits while maintaining ecological resilience. The work has been developed in association with 2 local authorities, Bridgend and Torfaen CBC, resulting in an information resource that can be used for a variety of purposes, from informing small scale planning decisions to strategic work on climate change adaptation and the planning of green infrastructure. The Cambrian Mountains Initiative has used the Polyscape Spatial Decision Support Tool to highlight opportunities for biodiversity and ecosystem service enhancements at the landscape scale.

We hold the Ancient Woodland Inventory for Wales, published in 2012 and, following best practice, we have made a commitment to restore all the plantations on ancient woodland sites (PAWS) on the Welsh Government Woodland Estate. Restoration is underway in many woods and the current condition all of the resource has been assessed.

We have provided advice to Welsh Government on ways to improve the management of Marine Protected Areas<sup>11</sup> and look forward to working in partnership with government and a range of organisations and groups with an interest in the coast to deliver this. We will also continue to advise Welsh Government on shellfisheries for which we are responsible, to ensure a sustainable approach to management.

NRW has, and will continue to advise Welsh Government, other regulatory bodies, landowners/occupiers, industry and business in relation to development control in coastal and marine areas to try and reduce the impacts of human activities on the marine environment. This area of work brings many challenges, particularly in a relatively inaccessible environment and with limited knowledge about the ecology of many marine habitats and species and the interconnections between them and wider ecosystem process and function. NRW will work with others to seek appropriate solutions to future development and ensure that future demands on Wales’ marine natural resources do not damage or degrade them in the long term.

Innovative approaches were used to inform the development of our advice on the proposed deployment of a tidal energy device in Ramsey Sound, Pembrokeshire. Licensing conditions and mitigation, including adaptive management measures were devised, to ensure that marine mammal populations will

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<sup>11</sup> Currently waiting for a response from WG

not be harmed by the deployment, while also allowing the device to be deployed without the need for it to be shut down when marine mammals are in the vicinity. This provides a unique opportunity to learn about interactions between operating devices and marine mammals, while ensuring that populations are protected from impacts.

NRW has provided advice to Welsh Government on the need for protection of sensitive marine habitats, e.g. horse mussel reefs, where NRW worked with the fishing industry to agree appropriate management measures which have led to significant areas of these reefs being protected from damage by towed fishing gears.

## **5. Improving monitoring, surveillance and reporting of environmental change**

The report highlights the paucity of data (quality and quantity) available to make robust assessments of the changing state of species in Wales. Often, this accords with our own assessment, especially in relation to biodiversity priorities (SSSI qualifying species, S42 and Habitats Directive species). The situation for habitats is similarly challenging. Some restricted types can be picked up by specific site monitoring programmes, but others are too widespread and mostly occur off sites. While the UK level Countryside Survey scheme provides contextual information, its ability to report for Wales is restricted by the number of sample points. Datasets on water quality across Wales over the same time frame also provide a valuable evidence base for monitoring pollution.

In thinking about where improvements might be possible, it is important to make a clear distinction between data that are collected through systematically designed monitoring programmes and data that arise from more casual recording activities. Properly designed systematic schemes provide a powerful means of identifying trends and attaching levels of confidence to them. Analysis of ad-hoc records is more challenging, though there are several newly developed analysis methods that are now being applied, notably in work by the Biological Records Centre.

Systematic monitoring schemes most commonly involve measures of distribution and/or population size. Distribution provides a coarser measure, because large changes in population size might take place before being reflected in a change in distribution. Ad-hoc records usually provide a basis for looking only at distribution.

Much, though not all, recording of species – both systematic and ad-hoc – is undertaken by volunteers. Some of the most successful schemes and related initiatives are coordinated at UK level by JNCC, often with additional support from country agencies. Over a number of years, the former CCW provided funding to such schemes either directly through formal partnership agreements or indirectly through its contribution to JNCC. NRW is continuing to fund or otherwise support such projects. Key projects include a range of bird monitoring schemes (with British Trust for Ornithology and RSPB), the UK Butterfly Monitoring Scheme, and the National Bat Monitoring Programme. Several other schemes are in need of further support in order to deliver Wales level data (e.g. National Amphibian and Reptile Recording Scheme), but currently provide a solid basis for further development.

Our ability to use data from such schemes to detect trends in species in Wales has often been constrained by small sample sizes, reflecting the comparatively lower levels of public involvement. CCW/NRW's investment in schemes such as the National Bat Monitoring Programme (NBMP) and UK Butterfly Monitoring Scheme aims specifically to improve the ability of these schemes to deliver Wales-specific information. Recent work through the NBMP has increased survey coverage to the point where establishing Welsh trends is now thought to be possible for many more species (including

all species included hibernation surveys). The extent to which novel analysis of ad-hoc records can be used to demonstrate trends in Wales is currently unknown, but work through Welsh Government's Glastir monitoring programme will help to establish what is feasible.

A key set of biodiversity priorities are those species (and habitats) that are listed in the Habitats Directive. Ensuring that monitoring is implemented in fulfilment of the Habitats Directive is the responsibility of Welsh Government. To aid in this, the former CCW provided advice on how this might be taken forward. Linked to this CCW/NRW has worked with other UK partners to develop plans for improving the monitoring of some species, notably the great-crested newt – though arrangements for implementing any plan remain uncertain.

The results of Habitats Directive monitoring are reported every six years (as required by Article 17 of the Directive). CCW/NRW has recently collated and evaluated Welsh evidence in support of the latest Article 17 reporting exercise, and this provides a valuable resource for re-assessing whether existing monitoring is adequate. This will also inform the production of updated advice to Welsh Government to support its obligations under the Directive.

For some species, additional data sources exist that were not used in the State of Nature report, though these may not always lend themselves to the detection of trends. An important source of data for some species arises from NRW's programme of monitoring on some designated sites – here the species that form part of the reasons for a site's designation are the focus of regular condition assessment. For any such species that is restricted to the designated site series, such data has the potential to provide an overall assessment of the state of that species in Wales. Data on selected widespread species are available from several other broader monitoring projects (e.g. Countryside Survey, NRW's Freshwater Fisheries and Water Framework Directive monitoring, and Environmental Change Network (ECN)).

Monitoring of geological and geomorphological SSSI is a key work area for NRW geologists. The 480+ sites are monitored on a rolling 5-year programme with visits varying from 1-5 years depending on the sensitivity of the feature. Periodic monitoring (including fixed point photography) is essential in informing management requirements in order to achieve favourable conservation of the feature of interest.

NRW also continues to improve its marine evidence base in order to better inform and underpin regulatory decision making, marine planning and MPA management. The new challenges of expanding marine development, marine spatial planning and the introduction of the Marine Strategy Framework Directive will be met with increased investment in evidence acquisition and data management.

Survey and monitoring in the marine environment are expensive and logistically challenging and, as a result, our knowledge of the habitats and species in Welsh seas is patchy. However, NRW is fortunate in having previously resourced a comprehensive survey of the intertidal zone of Wales, which produced habitat maps and supporting information for the entire Welsh coastline. This dataset has proved invaluable in many areas of NRW's work. The aspiration for the future is to update this and extend mapping work to cover the whole subtidal zone of Welsh seas to provide fundamentally important data to inform the management of Wales' marine environment.

The Marine Strategy Framework Directive should require considerable additional monitoring and surveillance of the marine environment and this should be integrated with existing monitoring programmes to maximise efficiencies.



The value of long-term datasets has been recognised as being of particular importance to understanding environmental change. Datasets have been collected at Skomer MNR for environmental and biological parameters for over 20 years, providing an almost unique insight into long-term trends. The NRW Environment Change Network (ECN) site on Snowdon has been contributing to the UK study for 18 years, providing information on a wide range of biological, chemical and climatic parameters. Increasingly, given the number and influence of future drivers, such as climate change, we need to ensure the availability of long-term datasets (e.g. BICCO-NET, CHAINSPAN) which can inform the necessary management reviews. Often the questions we are asking from data collection are different from the original purposes, so we need to ensure that robust, spatially diverse baseline monitoring datasets are available.

It is essential that we all clearly understand the current state of Wales' marine environment and, to that end, NRW is considering the production of a State of the Marine Environment report to provide clarity about the current state of Welsh seas, what issues need to be addressed, and clear targets for maintenance and recovery of habitats, species and ecosystem processes and function. As a step towards this, NRW will be producing reports on the current condition of important habitats and species within Welsh waters and the current condition of protected features within individual marine SAC in Wales.

Welsh seabirds have not shown the decreases in populations that have taken place in Scotland. Some populations such as guillemots are increasing quite rapidly while our largest kittiwake colony on Skomer and Skokholm is stable, in contrast to the trend across the UK. NRW is working with other statutory agencies and JNCC towards a network of marine SPAs and have also half-funded the seabird tracking work within Wales, which produces data that will help answer questions about marine planning.

## **6. Engaging the public**

Public understanding and engagement is essential for ensuring sustained support for biodiversity and geodiversity conservation. We recognise the important role that our partners play in engaging, enthusing and educating the public. We also appreciate the huge effort made by thousands of volunteers across Wales to help manage and monitor the natural environment. We must however, ensure that we continue to expand our efforts and not just preach to the converted; we must address the detachment from the natural environment that many feel, in rural settlements as well as in urban centres. The national curriculum is an important tool for delivering an understanding of the ecosystem approach and the importance for us all in promoting a resilient ecosystem.

Much effort has been targeted at the farming sector through agri-environment schemes and increasingly the urban environment is being improved for biodiversity and ecosystem services. One possible area of neglect is the increasingly large part of the population that live in smaller rural settlements. A communications plan for biodiversity and geodiversity and the ecosystem approach it supports is an essential part of improving public and government ownership of natural resource planning, to ensure that we all have collective responsibility for our natural capital.

Specifically in terms of geoconservation, NRW will play a key role in raising awareness. NRW will carry on the work of the former CCW in supporting partners such as RIGS groups, Geoparks and the National Museum of Wales in producing leaflets, booklets and on-site interpretation to educate and raise the profile of geodiversity. In addition, NRW supports the publication of *Earth Heritage*, the popular geological and landscape conservation magazine.

We will continue to manage our own land to increase opportunities for public access and enjoyment without causing damage to sensitive habitats and species. The Welsh Government Woodland Estate provides many services to Wales, including social benefits such as education, recreation and health as well as economic benefits through timber supply, geodiversity and biodiversity benefits.

Work on the National Nature Reserves and Skomer Marine Nature Reserve has demonstrated how careful management can help to minimise the impact of recreation while providing opportunities for people to experience some of our most exciting wildlife locations.

We will continue to support projects that use volunteers in the marine environment, such as Seasearch and Shore Thing, which both use volunteers to record valuable information about the distribution of marine habitats and species, contributing important data to the national overview and engaging different stakeholder groups.

On individual MPAs and in wider sea areas, many collaborative and innovative public engagement projects have been implemented which have supported local businesses and worked with a wide variety of different groups and individuals (e.g. supporting training and accreditation for boat operators under the WiSE wildlife watching code of practice, and the Interreg-funded ‘Living Coasts Living Seas Project’ on Pen Llŷn a’r Sarnau SAC). NRW will continue support this work as part of MPA and wider ecosystem management.

Skomer Marine Nature Reserve/Marine Conservation Zone will continue to use teams of volunteer divers for several monitoring projects, including eelgrass (Biodiversity Action Plan habitat) and scallops. The Skomer MNR Advisory Committee (of over 40 interested individuals, NGOs, academic establishments and commercial and recreational interests) has expressed an interest in continuing to provide a forum for public discussion when Skomer becomes an MCZ. MNR staff will continue with public engagement activities both off site and on the water through public talks and weekend boat “patrols”, ensuring that marine wildlife can be enjoyed by visitors with the minimum of impact.

Public consultation and joint delivery measures in River Basin Management Plans will result in improvement in estuarine and coastal water quality and ecology under WFD.

To help improve understanding of the economic value of wildlife in Wales we led an economic evaluation study: ‘Wildlife Economy Wales’ which found that wildlife-related activities are worth over £1,936 million to Wales in any one year<sup>12</sup>. This was the first Welsh wildlife-related economic assessment of its kind. Its findings were used by UK’s Natural Ecosystems Assessment report and it is still influencing local level wildlife-related economic development initiatives in Wales today. We also conducted an economic evaluation of our Aquatic Biodiversity Delivery Programme which showed that this creates positive economic benefits for local communities with each £1 contribution to partnership biodiversity projects supporting nearly £3.60 of regional economic output.

The ability to share and display data in a multiplicity of ways, whether collected by the public, scientists, consultants and agencies, is technically much easier than ever before. However, NRW must work with the Welsh Government to ensure that data sharing agreements are simple and transparent and that information collection funded by the public purse is as widely available as possible.

Compiled by staff from across Knowledge, Strategy and Planning Directorate, 10th July 2013

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<sup>12</sup> Wildlife Economy Wales: An economic evaluation scoping study (2007). Environment Agency.

## **Appendix 1: The Natural Glories of Wales**

### **Geological Heritage**

The geology of Wales is important at an international level. Major geological time periods namely, Cambrian, Ordovician and Silurian are named after the rocks of Wales, in addition to smaller time divisions such as Tremadoc, Arenig, Llanvirn and Llandovery. These terms are used around the World.

The conservation of our geological heritage is centred on the Geological Conservation Review (GCR) sites - a GB-wide assessment of our most important sites. GCR sites include small quarries containing some of our oldest fossils, former copper mines such as Parys Mountain, coastal cliffs at Castlemartin, and sand and gravel pits across Wales which reveal the glacial history of Wales. These sites attract researchers from around the world and continue to be the training ground for future geologists.

### **Seabird Colonies**

The breeding colonies of the Pembrokeshire Islands and Anglesey coast, many of which are included within Special Protection Areas, provide stunning views and sounds of the range of breeding seabirds in the Eastern Atlantic. For example, Wales holds 8% of the world population of gannet (Grassholm has the 3<sup>rd</sup> biggest colony in the world of northern gannet) and over half the world population of Manx shearwater breed in Wales. The long running guillemot monitoring project on Skomer provides unrivalled data that is being used to look at climate effects on seabirds.

### **Estuaries**

The estuarine environment of Wales is similarly recognised at the international level with Special Areas of Conservation, Special Protection Areas and Ramsar designations. The specialised intertidal habitats are home to a wide range of invertebrates, plants and, of course, wintering birds. High tide roosts of waders can provide spectacular sights and sounds.

### **Coastal Habitats**

The coastline of Wales has representatives of every coastal habitat possible, from soft low sand dunes to lagoons and shingle ridges to high hard limestone cliffs. The range of geodiversity is reflected in the range of habitats and vegetation cover; sheets of squill and thrift through to creeping willow and marsh orchids and dense thorny scrub. The coastal strip has often been squeezed in the past by development, sea defences, agriculture and drainage, but it does remain a major attraction to visitors and holds a large part of our biodiversity range.

### **Seabed Habitats**

Mapping and recording the wealth of biotopes in the seas around the Welsh coast is beginning to reveal their important features. The Marine Nature Reserve around Skomer is already recognised, but other work is showing that it is not the only area of interest and importance. For example, the horse mussel reef off the Lley Peninsula covers an area of around 350 ha and is the most southerly example in the UK. The marine environment supports a huge part of the Welsh biodiversity, not least the important concentrations of seals and cetaceans that attract visitors in increasing numbers.

### **Atlantic Oakwoods**

The western, oceanic climate of Wales makes it an important refuge for this habitat. The important assemblages of bryophytes, lichens and ferns are recognised through Special Area of Conservation designations, whilst the current decline in typical western woodland bird species is beginning to cause concern. These woodlands also host spectacular displays of spring flowers, including bluebells, and a wide range of scarce and rare invertebrates, many of them associated with dead wood.

### **The Red Kite**

The continued increase in the only UK native population of this emblematic bird and its spread to England is probably the most important Welsh conservation success story. But Wales also holds important populations of most of the UK's breeding birds of prey along with 75% of the UK population of chough and large populations of raven.

### **Horseshoe Bats**

Both species of horseshoe bat are found in Wales, greater being mostly restricted to the south, whilst lesser are more widely distributed. Wales supports about half the UK population of lesser horseshoe bats in maternity roosts ranging from castles, grand mansions and vicarages to old barns and sheds. Both species take advantage of Wales' geological heritage, hibernating in natural limestone caves and sea caves as well as metal and stone mine adits and tunnels. A lot of research on these species has taken place in Wales, allowing us to better understand their habitat requirements and help inform our responses to road and housing developments.

### **The Mason Bee, *Osmia xanthomelana***

This attractive Red Data Book 1 mason bee is the rarest solitary bee in the UK and is now known only from small areas of the Porth Ceiriad and Porth Neigwl coast on the Llyn Peninsula. Historically, it was widespread in the UK; recent records are otherwise confined to the Isle of Wight where it has not been seen for ten years. It was seen at other Llyn sites into the 1920s. Survey work funded by CCW has revealed not only its continued presence on Llyn, but also its requirements for soft sandy cliffs with close access to mud for nest construction and *Lotus corniculatus* for foraging - conditions currently available at both Welsh localities. It is one of a few European species of invertebrate known only from Wales within the UK.

### **Snowdon Lily, Radnor Lily etc**

The rare and localised plants of Wales are exemplified by these two attractive species. Snowdon lily, *Lloydia serotina*, is restricted in the UK to the Snowdon range, where populations cling to north-facing cliffs and face threats, along with our other arctic alpiners, from grazing animals and climate warming. Radnor lily, *Gagea bohemica* was only confirmed as a British species in 1975, growing on the dolerite cliffs at Stanner Rocks in Powys. A whole suite of 'microspecies' including the hawkweeds *Hieracium radyrense* and *H. holosericeum*, and the whitebeams *Sorbus layana*, *S. domestica* and *S. minima* have their only populations, or large parts of them at very localised sites in Wales. Many of these are the subjects of genetic and ecological research.

### **The Gwyniad and Glutinous Snail**

The Gwyniad, *Coregonus lavaretus* is currently only found in Llyn Tegid. Other populations of this whitefish are found in Scotland and England (where it goes by the names powan and schelly), but the Welsh population is genetically distinct. All are protected on Schedule 5 of the Wildlife and Countryside Act, 1981. The British population is under threat from pollution, water level changes and climate warming. This Ice Age relict has been the subject of a translocation trial to another lake in Snowdonia to provide a back-up population, where monitoring has revealed the presence of juvenile fish. Llyn Tegid also holds the only current UK population of the glutinous snail, *Myxas glutinosa*. It was not seen in the lake for nearly 50 years, before being rediscovered during a CCW and Snowdonia National Park-funded survey in 1998. The snails live beneath stones around the margin of the lake and monitoring has involved divers assessing the available substrate. Searches in other upland lakes in the area have failed to locate further populations. Work in the Tegid catchment to improve the water quality of Llyn Tegid, should have beneficial effects for both of these species.

### **Raised Bogs**

The lowland raised bogs of Wales provide not only a valuable current habitat resource and refuge of a range of specialist plants and animals, but also give us evidence of Wales' past climatic and vegetation history. Their associations with past cultural beliefs (bog bodies and treasure hoards) as well as more recent

exploitation for fuel, make them places to satisfy a wide range of interests. Much active habitat restoration and management is ongoing too, showing the ways in which conservationists can try to restore damage that occurred in the past. Cors Fochno and Cors Caron are among the most spectacular sites in Britain.

### **Base-rich Fens**

The internationally important base-rich fens of Anglesey and Lleyn, with outliers in Pembrokeshire, provide a contrast to the acidic raised bogs of central and north-east Wales. The calcium rich waters support a very diverse range of plants and invertebrates that are often restricted in the UK as a whole, such as the colourful Endangered soldierfly *Stratiomys chamaeleon*, found only on six Anglesey fens and single sites in England and Scotland, and the whorl snails *Vertigo geyeri* and *V.moulinsiana* for which these fens have been chosen as SAC. Many have a range of fringing habitats with transitions to open water, reedbeds and tufa-rich flushes and woodland, which provide a rich mosaic for birds and mammals.

### **Marsh Fritillary butterfly**

This species will feature in many lists such as this. It is an important flagship species for the suitable management of Rhos pastures and their associated flora and fauna of Wales. This attractive butterfly is severely threatened by extinction due to its requirements for suitably managed habitat in large patches that interconnect. Pioneering research sponsored by CCW has led to practical action to restore and maintain habitat for this species in Wales, which makes an important contribution to the UK population.

### **The Mountains of Snowdonia**

This is the major southern outpost of montane habitats and species in the UK. The presence of base-rich rock types provides the ideal conditions for a range of vascular and lower plants including the well known suite of arctic alpine and several very rare ferns and bryophytes. The Snowdon rainbow beetle, *Chrysolina cerealis* is also confined to this area. The geodiversity of Snowdonia, in terms of rock type and geomorphological features, make this an area that has had a profound effect on the development of geological and evolutionary science.



## **Preliminary recommendations for the ecological scope of the Biodiversity Strategy for Wales and potential future funding for biodiversity**

### **INTRODUCTION**

At recent meetings our staff have discussed the possible contents of the proposed *Biodiversity Strategy for Wales*, which will be steered by *Biodiversity Strategy Board* and implemented by all relevant partners in Wales, including *Natural Resources Wales* and *Welsh Government (WG)*. This discussion has been in the context of the *State of Nature* report and the recent Ministerial announcement of additional resources (£6 million). In addition, they have carried out an analysis of the content of the *State of Nature* report, including the factors identified as the cause of wildlife change.

### **CHALLENGES**

It is our conclusion that two main ecological challenges are presented by the *State of Nature* report and we recommend that the *Strategy* and any new resources should be directed at meeting these challenges:

*Challenge 1:* Addressing the causes of change in the status of our native flora, fauna and the habitats that support them, by the application of ecosystem or landscape scale solutions.

The factors having the greatest negative impact were summarised as lack of resources for conservation action, fisheries management, loss of semi-natural habitat, fragmentation, urbanisation, climate change, inappropriate afforestation, agricultural intensification, atmospheric nitrogen, illegal persecution, habitat management change and invasive non-native species.

*Challenge 2:* The knowledge gap and measuring the state of nature – we are unable to assess population trends or habitat condition for more than a small percentage of species or habitat areas.

In addition, it is also clearly evident that this report hoped to inspire a greater “interest, curiosity and admiration of nature”.

### **RECOMMENDATIONS**

*To address Challenge 1:*

Our overall strategic recommendation to meet this challenge would be to “protect the best, restore what is possible and manage the rest”.

Protection of the “best” of our natural resources (biological, geological and geomorphological) through site designation, and ensuring appropriate management is a core NRW statutory responsibility which will be part of meeting this challenge. However, climate change and the ecosystem approach means we need to go further and think bigger, by developing a connected ecologically coherent network of sites across the land surface and seabed, in the context of the *Making Space for Nature* report.

Strategic habitat and species restoration projects with long-term funding should be core components of the response to this challenge and there are plenty of ideas and opportunities that could also help deliver other NRW business priorities.

For example:

1. Agri-environment schemes - refocusing of *Glastir* schemes on outcomes rather than on prescriptions and implementation of the recommendations of the *Tir Gofal* Monitoring Report.
2. High Nature Value (HNV) farming - development of a strategy and funding mechanisms to support HNV farming (as another strand of agri-environment action). This could include land that falls outside current agri-environment schemes but which has significant interest, e.g. pony paddocks, small grassland sites, etc.
3. A strategy to meet woodland expansion targets which would be a proactive approach to woodland expansion that could look at connectivity and ecosystem services, while resolving the current tension between tree planting and other biodiversity priorities (links to 4 below).
4. Development of the *Upland Framework*, including expanding this work to make links to wider ecosystem services, such as flood prevention, carbon storage, etc. In particular, this could be used to look for positive opportunities for woodland expansion in the uplands and ffridd zone.
5. A strategy for integrated management (grazing, habitat management, coastal defence, dune mobility, etc.) of the *Wales Coastal Path* to improve and enhance habitats (and associated species) while improving path management and visitor experience - linking into coastal tourism, e.g. *Llyn Connectivity Project*.
6. Development and implementation of an integrated strategy to manage and enhance connectivity in the ffridd, which includes post-industrial coal, slate, aggregates and metal mine landscapes. For example, development of a South Wales Coalfield demonstration project as a model for other industrial landscapes and ffridd.
7. Reducing catchment nutrient run-off by habitat and river restoration projects to benefit water quality and amenity use.
8. Modelling favourable conservation status for European protected species and integrating outputs into strategic local authority plans for better species protection.
9. Additional species and habitat connectivity and restoration projects:
  - Strategic assessment, restoration and management of peat resources in Wales including C storage capacity, in the context of current *IUCN* and *WG* ambitions;
  - Beaver introduction and river floodplain restoration, which could deliver flood protection as an ecosystem service;

## Annex 8.2.1 – NRW State of Nature Response FINAL

- Restoring connectivity over weirs and bridges to enhance fisheries;
- Native oyster and crawfish projects could come with support for local jobs and economic opportunities;
- Restoration and management of the sand dune resource in Wales;
- Landscape-scale approach to lowland grasslands and heathlands;
- Restoration of island bird habitat to support conservation objectives and eco-tourism;
- Expansion of Annex 1 native woodlands with ecosystem services benefits;
- Landscape-scale implementation of appropriate habitat management for species of conservation concern (European protected species, Section 42 species, etc.).

10. A strategy for Wales-wide activity on invasive non-native species in line with national and evolving EU policy.

11. Central support for the establishment of local *Regionally Important Geological Sites* groups and *GeoParks* and their activities.

12. Continued progress on the UK co-ordinated geological review of our earth heritage.

With sufficient forward planning for any large-scale restoration projects, it might be possible to use the financial resources to generate match funding, e.g. from LIFE.

Our staff are very supportive of our continuing to buy key areas of land or working with landowners by securing positive management for nature conservation, e.g. through section 15 agreements. We have a track record of land management on our *National Nature Reserves (NNRs)*. In addition, we could consider the added benefit of giving or leasing the purchased land to NGOs for long term management. Our regional colleagues maintain a watching brief on opportunities like this in their local areas.

*To address Challenge 2:*

There is an obvious connection here to the additional proposal in the Ministerial announcement to develop a data hub. We recommend that this area of work should build on what already exists in terms of systems and software (e.g. *Local Records Centres*, *The National Biodiversity Network*) and focus on the development of biodiversity trend indicators for future reporting.

We think that this challenge represents an opportunity to make a case for direct support for key NRW areas of work related to environmental monitoring, especially in the context of habitats, species and state of the environment reporting. In addition, the report illustrates the importance of the continuation of long-term monitoring efforts (e.g. the *Environmental Change Network* and the *Environmental Change Biodiversity Network* on *NNRs*) and having new programmes in place to monitor emerging pressures, such as the effects of climate change and invasive species.

There are clear gaps in our evidence base for some environments and their biota. For example, we think the production of a seabed habitat map for Welsh waters is an immediate priority area.



Associated with the aspiration to generate public interest in nature, we suggest that additional resources might be made available to new or ongoing citizen-science projects, such as those being taken forward at *Skomer Marine Nature Reserve*.

Finally, in the spirit of inspiring the next generation of environmentalists, we suggest that the *Biodiversity Strategy* should fully address the provision of environmental education and interpretation. As well as directly promoting biodiversity through the curriculum, we should also support the continued positive role played by publications such as *Natur Cymru* and *Earth Heritage* in promoting the natural world to the general public. Other initiatives could include the development of a marine school road show and interpretation linked with the *Wales Coastal Path*.

### **THE NEXT STEPS**

Given the scope and content of the work described above, we recognise that the limited resources available will only go so far and that further discussion is required between *Natural Resources Wales* and *WG* to agree priority areas. We recognise that the Minister might prefer to focus on certain areas or work with particular partners. Finally we also hope that we have demonstrated the importance and potential opportunity that the *Biodiversity Strategy* and new financial resources represent for *Natural Resources Wales*.

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Natural Resources Wales  
12 September 2013



## STAKEHOLDER ENGAGEMENT STRATEGY

### Background

1. It is important that the people of Wales have confidence in our work and in our ability to deliver value for tax payers’ money. Building that confidence relies on good practice across all our business at all levels and on building trust between the organisation and the people we work with and whose lives our work affects. One way to build this trust is through effective stakeholder engagement. This is why Natural Resources Wales needs a strategic, proactive and coordinated approach to this work.

2. Evidence from the experience of the founding bodies for Natural Resources Wales, suggests that it is crucial to invest time and effort into stakeholder engagement. The three founding organisations all have experience of where stakeholder engagement has paid dividends or has not been particularly successful. We will learn from each other and from our past experiences and take the good practice forward.

3. Stakeholder engagement will be required at a strategic and operational level. The principles and approaches set out in this strategy are applicable to any form stakeholder engagement.

4. Effective stakeholder engagement is about building sustainable relationships with people who are affected by what we do and the services which we provide, and who have a contribution to make with regard to what we do. It relies on a mutual commitment to engage, listen, respond and communicate openly and honestly with stakeholders.

### Why we need to engage

5. Successful stakeholder engagement enables better planned and more informed policies, projects and services. This will result in benefits for us and our stakeholders. We realise that we cannot reach our goals alone and that we need the support and expertise of others.

6. Good public and stakeholder engagement has the following benefits for the organisation:

<b>Benefits of stakeholder engagement for Natural Resources Wales</b>	<b>Benefits of stakeholder engagement for stakeholders</b>
Improved decision-making and outcomes as a result of input by a wider range of stakeholders and	Greater opportunities to contribute directly to programme development

communities. We recognise that others have experience and expertise that we should learn from.	
Increased efficiency and effectiveness as we have a better understanding of the issues that face individuals, communities and other organisations	More open and transparent lines of communication and increased accountability of Government
Improved risk management practices – allowing risks to be identified and considered earlier, so reducing future costs.	Better access to decision making processes, resulting in the delivery of more efficient and responsive services
Challenging of established methods and ideas and encouragement of innovation and creativity;	Early identification of synergies between stakeholder and Government work, encouraging integrated and comprehensive solutions to complex issues.
Better informed prioritisation and scheduling	Increased sense of ownership of issues and of being valued
Improved evidence resources and enhanced organisational confidence.	Better knowledge, awareness and understanding of issues and processes.

### Stakeholder engagement objectives

7. The objectives of this strategy are to:

- Build, strengthen and nurture mutually beneficial relationships with stakeholders;
- Ensure that the organisation proactively seeks productive engagement with stakeholders to shape programmes and services;
- Ensure that all relevant stakeholders are given sufficient and appropriate opportunities to consider and influence plans and decisions made by the organisation
- Ensure our engagement activities are prioritised and relevant audiences are clear on how we make our decisions and how they can influence them;
- Make certain that our stakeholder engagement work is closely identified with our business priorities and that our decisions are evidence based;
- Engage a diverse range of customers, communities and partners (old and new) in the organisation’s work so that views come from a wide

constituency of people. We will learn from the expertise and experience of others.

### **Our ways of working**

8. Our aspiration is that any individual, community or organisation will have appropriate opportunities to express their views and to understand how we consider those views in our decision making processes. We must understand that we don't always have all the answers and so we must harness the knowledge and expertise of our stakeholders and communities. It is about "having a conversation" about what we want to achieve together and ensuring that we feedback how we reached our final decision.

9. There is no one size fits all model for stakeholder engagement. We must be able to tailor our process tailored to the particular need of the situation, work undertaken and stakeholders selected. Ensuring appropriate engagement requires a judgement – asking what, who, when and how are essential in determining the most appropriate way to engage stakeholders.

10. We will follow the "Working with others" approach - working with stakeholders as early as possible, in order to understand their concerns, interests and priorities. This approach allows us to be flexible, working with stakeholders creatively and in ways that suit their needs.

11. We will practice equity and equality in all our stakeholder engagement work.

12. Whilst all staff will have a responsibility for engaging with stakeholders, the Communications team has a key role to provide advice to staff to enable them to engage successfully. This will vary from provision of guidance and toolkits to hands-on involvement and facilitation as well as overseeing the information flow throughout the organisation. The level of involvement of the Communications team will be proportionate to the level of risk associated with the issue.

13. Board members will share with senior staff their professional and personal networks. We will then ask Board members to support offices as appropriate.

### **The Principles of stakeholder engagement**

14. Our stakeholder engagement processes will adhere to the ten National Principles of Public Engagement in Wales. These principles, developed by Participation Cymru in consultation with other public

sector organisations in Wales, were endorsed by the Welsh Government in March 2011.

- **Engagement is effectively designed to make a difference**  
Engagement gives a real chance to influence policy, service design and delivery from an early stage.
- **Encourage and enable everyone affected to be involved, if they so choose**  
The people affected by an issue or change are included in opportunities to engage as an individual or as part of a group or community, with their views both respected and valued.
- **Engagement is planned and delivered in a timely and appropriate way**  
The engagement process is clear, communicated to everyone in a way that's easy to understand within a reasonable timescale, and the most suitable method/s for those involved is used.
- **Work with relevant partner organisations**  
Organisations should communicate with each other and work together wherever possible to ensure that people's time is used effectively and efficiently.
- **The information provided will be jargon free, appropriate and understandable**  
People are well placed to take part in the engagement process because they have easy access to relevant information that is tailored to meet their needs.
- **Make it easier for people to take part**  
People can engage easily because any barriers for different groups of people are identified and addressed.
- **Enable people to take part effectively**  
Engagement processes should try to develop the skills, knowledge and confidence of all participants.
- **Engagement is given the right resources and support to be effective**  
Appropriate training, guidance and support are provided to enable all participants to effectively engage, including both community participants and staff.
- **People are told the impact of their contribution**  
Timely feedback is given to all participants about the views they expressed and the decisions or actions taken as a result; methods and form of feedback should take account of participants' preferences.
- **Learn and share lessons to improve the process of engagement**

## Annex 9 – NRW Stakeholder Strategy

People’s experience of engagement should be monitored and evaluated to measure its success in engaging people and the effectiveness of their participation; lessons should be shared and applied in future engagements.

### **Our stakeholders**

15. A stakeholder can be defined as any person, or group, or organisation who believes they could be affected by, interested in or could affect or influence the work of Natural Resources Wales.

16. Stakeholders will vary in the impact, significance, interest, longevity and relevance in relation to our objectives. We also realise that stakeholders are not confined by geography or sectoral interests. For this reason, it is important for us to map our stakeholders regularly and even more so when we are starting new projects and activities or moving through phases of projects.

17. Annex 1 describes how we will undertake our corporate strategic analysis, along with the types of approaches to engagement. Once complete, we will develop an engagement plan.

18. Local teams will also use this strategic framework to identify local stakeholders. They will then develop specific engagement plans.

### **Tools**

19. We recognise that tools and mentors are required to help in the understanding of stakeholder engagement.

20. We will follow the “Working with Others” approach and a toolkit that provides guidance for staff on how to plan and manage stakeholder engagement is available on our intranet. Communications staff will advise all staff as they develop engagement plans.

21. In addition, Natural Resources Wales has a call off contract for facilitation support where we can call upon the service of the contractors for advice, designing and running stakeholder engagement events. The Communications Team can assist advise on using this service.

### **Evaluation of the Strategy**

22. Evaluating the stakeholder strategy will allow Natural Resources Wales to capture lessons learned, allowing us to drive continuous improvement in future engagement processes

23. Whilst evaluation of engagement activities will be incorporated into normal operations, the Communications Team will also review

## Annex 9 – NRW Stakeholder Strategy

effectiveness of our stakeholder engagement efforts on three main elements – stakeholder participation (involvement in process); stakeholder alignment (compatibility with Natural Resource Wales’ priorities) and Natural Resources Wales’ commitment (our willingness to act on stakeholders’ proposals)

### Annex 1: Strategic Stakeholder analysis and levels of participation

At a corporate level, the first step will be to develop a single inventory of the organisations we will or should work with. Following that we can analyse our stakeholders in two ways:

- **Proximity mapping** – the stakeholders are plotted according to our relationship and communication with them. The stakeholders with whom we have a good relationship and frequent communication are plotted closer to the centre, while those we have little communication with are on the outer circle.
- **Interest / Influence Matrix** – the same stakeholders are then plotted on a matrix where **Influence** represents the potential influence stakeholders can exert upon our ability to deliver the strategy and meet our targets and **Interest** reflects the stakeholders' current level of concern for our agenda and strategic direction.

Once this analysis is complete, then we can map them on to a quadrant to determine the level of engagement required.

High	Level of influence	<b>High Influence</b> <b>Low interest</b> Stakeholders who need to be actively involved in and supportive of our work. Aim to increase their level of interest	<b>High Influence</b> <b>High interest</b> Stakeholders we need to work in partnership with. Focus most effort on this group
Low		<b>Low influence</b> <b>Low interest</b> Stakeholders who need to be aware of our work and kept informed of the main developments	<b>Low influence</b> <b>High interest</b> Stakeholders we need to consider for particular areas of our work.
		Level of interest	
		Low	High

Once we have undertaken a stakeholder analysis, it is vital to have a good understanding, and indeed consider what level of participation is actually being sought.



## Annex 9 – NRW Stakeholder Strategy

	Inform	Consult	Involve	Collaborate	Empower
Stakeholder engagement goals	To provide balanced, objective, accurate and consistent information to assist stakeholders to understand the problems / issues, alternatives and / or solutions	To obtain feedback from stakeholders on analysis, alternatives and / or outcomes	To work directly with stakeholders throughout the process to ensure that their concerns and needs are consistently understood and considered	To partner with stakeholders including the development of alternatives, making decisions and the identification of preferred solutions	To place final decision making in the hands of the stakeholder. Stakeholders are enabled and equipped to actively contribute to the achievement s of outcomes
Promise to stakeholders	We will keep you informed	We will keep you informed, listen to and acknowledge your concerns and aspirations and provide feedback on how your input influenced the outcome	We will work with you to ensure that your concerns and aspirations are directly reflected in the alternatives developed and provide feedback on how your input influenced the outcome	We will look to you for advice and innovation in formulating solutions and incorporate your advice and recommendations into the outcomes to the maximum extent possible	We will implement what you decide where we can. We will support and complement your actions

Mae cyfyngiadau ar y ddogfen hon

Mae cyfyngiadau ar y ddogfen hon

# Eitem 3

## Y Pwyllgor Amgylchedd a Chynaliadwyedd

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Lleoliad: Ystafell Bwyllgora 3 – y Senedd

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Dyddiad: Dydd Iau, 1 Mai 2014

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Amser: 09.30 – 11.45

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Gellir gwyllo'r cyfarfod ar Senedd TV yn:

[http://www.senedd.tv/archiveplayer.jsf?v=cy\\_400000\\_01\\_05\\_2014&t=0&l=cy](http://www.senedd.tv/archiveplayer.jsf?v=cy_400000_01_05_2014&t=0&l=cy)

Cynulliad  
Cenedlaethol  
Cymru

National  
Assembly for  
Wales



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### Cofnodion Cryno:

#### Aelodau'r Cynulliad:

Alun Ffred Jones AC (Cadeirydd)  
Mick Antoniw AC  
Russell George AC  
Julie James AC  
Julie Morgan AC  
William Powell AC  
Antoinette Sandbach AC  
Joyce Watson AC

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#### Tystion:

Alun Davies AC, Gweinidog Cyfoeth Naturiol a Bwyd  
Kevin Austin, Llywodraeth Cymru  
Nicola Thomas, Llywodraeth Cymru

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#### Staff y Pwyllgor:

Alun Davidson (Clerc)  
Catherine Hunt (Dirprwy Glerc)  
Nia Seaton (Ymchwilydd)  
Elfynd Henderson (Ymchwilydd)

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### 1 Cyflwyniad, ymddiheuriadau a dirprwyon

1.1 Cafwyd ymddiheuriadau gan Llyr Gruffydd. Nid oedd unrhyw ddirprwyon.

## **2 Rheoli Tir yn Gynaliadwy – Tystiolaeth gan y Gweinidog Cyfoeth Naturiol a Bwyd**

2.1 Bu'r Gweinidog yn ateb cwestiynau gan aelodau'r Pwyllgor.

2.2 Cytunodd y Gweinidog i ysgrifennu at y Pwyllgor gan ddarparu rhagor o wybodaeth am y prosiect data a monitro a lansiwyd gan Brifysgol Caerdydd.

## **3 Papurau i'w nodi**

3.1 Nododd y Pwyllgor y cofnodion.

## **Ymchwiliad i gynigion Llywodraeth Cymru ar gyfer yr M4 ger Casnewydd – Ymateb ymgynghoriad a chyngor cyfreithiol Cyfeillion y Ddaear**

3.2 Nododd y Pwyllgor y llythyr a chytunodd i ysgrifennu at Weinidog yr Economi, Gwyddoniaeth a Thrafnidiaeth, gan ofyn am eglurhad ynghylch statws y broses ymgynghori.

## **Llythyr gan Gyswilt Amgylchedd Cymru – Newid yn yr Hinsawdd**

3.3 Nododd y Pwyllgor y llythyr.

## **4 Cynnig o dan Reol Sefydlog 17.42 i benderfynu gwahardd y cyhoedd o weddill y cyfarfod.**

4.1 Derbyniodd y Pwyllgor y cynnig.

## **5 Rheoli Tir yn Gynaliadwy – Ystyried y dystiolaeth**

5.1 Trafododd y Pwyllgor y dystiolaeth.

## **6 Polisi morol yng Nghymru – Llythyr dilynol ddrafft i'r Gweinidog Cyfoeth Naturiol a Bwyd**

6.1 Cytunodd y Pwyllgor ar y llythyr.

Jeff Cuthbert AM  
Minister for Communities and Tackling Poverty  
Welsh Government  
Tŷ Hywel  
Cardiff  
CF99 1NA

24 April 2014

Dear Minister

### The Future Generations Bill: Proposed Goals

We very much welcome your Government's commitment to sustainable development as the central organising principle for public sector policy and decision making in Wales and, hence, to your forthcoming Future Generations Bill (FG Bill).

We see this as a vital opportunity to ensure decision-making across Wales supports a healthy, resilient environment in which nature thrives – an outcome that is vital to support sustainable social and economic progress. However, we are very concerned that the suite of goals proposed for inclusion in the Bill does not reflect the imperative of a proactive response to secure the health of the natural environment in Wales. **We propose that 'Wales has a resilient and biodiverse natural environment' be added to the suite.**

The recent White Paper setting out proposals for the Environment Bill acknowledged the critical role the natural environment plays in support of a sustainable economy and society. This encompasses the provision of services such as carbon storage (contributing to climate change mitigation), and regulation of water flow and quality, as well as, for example, physical and mental health benefits to individuals and developmental and educational benefits for children, and direct employment opportunities through land management and tourism.

The White Paper also acknowledges the deterioration of Wales' natural environment – as evidenced, for example, in the recently published *State of Nature* Report (May 2013), showing the alarming scale of biodiversity loss in Wales and the UK over recent decades. Of the 3,148 species assessed in this landmark report, 60% have declined over the last 50 years. One in ten species assessed in the report were found to be at risk of extinction. In Wales we are at risk of losing iconic species of birds, butterflies, moths and plants. This health check of our wildlife showed that we cannot continue business as usual if we want future generations to be able to enjoy a country rich in nature, and the benefits this brings.

We believe the proposals in the Environment White Paper represent a major opportunity to secure the environmental management that will protect and restore biodiversity as part of resilient ecosystems, which in turn will provide the basis for sustainable development in Wales. Their success will depend, in part, on fostering broader understanding of the importance and value of ecosystems, and will require the commitment

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[rspb.org.uk](http://rspb.org.uk)



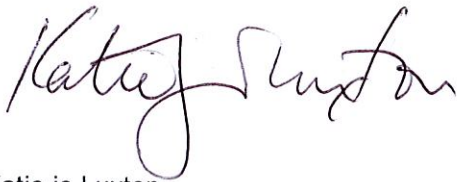
Mae'r RSPB yn aelod o BirdLife International, partneriaeth o gyrrff cadwraeth sy'n gweithio i sicrhau cartref i fynd natur o amgylch y byd.

The RSPB is a member of BirdLife International, a partnership of conservation organisations working to give nature a home around the world.

of the whole Welsh Government and the wider public sector. Biodiversity is currently the best measure we have of the health of the natural environment, and is already used as a key sustainable development indicator. This is why we feel it is absolutely critical that the FG Bill sets the necessary context, and establishes a resilient, biodiverse natural environment as a sustainable development goal.

We would welcome a meeting with you to discuss this matter.

Yours sincerely



Katie-jo Luxton  
Director, RSPB Cymru

Cc: Alun Davies AM, Minister for Natural Resources and Food  
Alun Ffred Jones AM, Chair, Environment and Sustainability Committee  
Matthew Quinn, Director for Environment, Welsh Government  
Emyr Roberts, Chief Executive, Natural Resources Wales

# Eitem 3.2

Alun Davies AC / AM  
Y Gweinidog Cyfoeth Naturiol a Bwyd  
Minister for Natural Resources and Food



Llywodraeth Cymru  
Welsh Government

Eich cyf/Your ref:  
Ein cyf/Our ref:

Alun Ffred Jones AM  
Chair of the Environment & Sustainability Committee  
Committee Service  
[ES.comm@wales.gov.uk](mailto:ES.comm@wales.gov.uk)

27 April 2014

## Water Strategy for Wales

Thank you for your letter of 8 April noting the launch of the water strategy for Wales and your request that the recommendations for the Committee Inquiry in to water policy t be considered alongside the development of the final strategy.

In developing the water strategy, the Welsh Government worked closely with a number of organisations across the water industry as well as reviewing a wide range of evidence to develop our policy proposals. The Committee report in to the findings of your enquiry in to water policy was one of the documents that helped to inform the strategy.

The water strategy will be out to consultation until 4 July 2014, at which point we will analyse the responses and aim to publish the final strategy in Autumn 2014.

Alun Davies AC / AM  
Y Gweinidog Cyfoeth Naturiol a Bwyd  
Minister for Natural Resources and Food



Alun Davies AC / AM  
Y Gweinidog Cyfoeth Naturiol a Bwyd  
Minister for Natural Resources and Food



Llywodraeth Cymru  
Welsh Government

Alun Ffred Jones AM  
Chair of Environment and Sustainability Committee  
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[AlunFfred.Jones@wales.gov.uk](mailto:AlunFfred.Jones@wales.gov.uk)

29 April 2014

### STUDY INTO THE POTENTIAL ECONOMIC IMPACTS OF WIND FARMS AND ASSOCIATED GRID INFRASTRUCTURE ON THE WELSH TOURISM INDUSTRY

In June 2012 the National Assembly for Wales Environment and Sustainability Committee published its report "*Energy Policy and Planning in Wales June 2012*" following a review of Energy policy and Planning matters. Recommendation 18 of the report stated: "*The Welsh Government should commission research to measure the economic impact of wind farms and associated grid infrastructure on the tourism industry in Wales*".

Accepting the recommendation, the Welsh Government commissioned Regeneris Consulting and The Tourism Group to undertake the study in June 2013.

The study focused on areas where wind farms have been established for a relatively long time, such as Powys, Anglesey and the South Wales Valleys and did not find any evidence of a significant impact on tourism.

While the study did find that most local tourism economies will face minimal or no threat from wind farm development, it does acknowledge that the nature of the visitor economies in some parts of Wales mean they are at greater risk of negative impacts. In these instances, the study highlights the need for developers to undertake thorough research and consultation to understand the nature and extent of any risk, and identify the actions which need to be taken.

However, the study also notes that the development of wind farms can provide opportunities for linked tourism development, for example, investment in bike trails, and highlights instances where this has been successful with existing developments.

Bae Caerdydd • Cardiff Bay  
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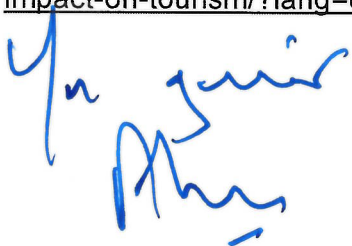
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Previous research on the impact of wind farms on tourism in Wales has also shown that for the majority of visitors, the existence of wind farms in the countryside does not significantly impact upon their decision to visit or return to Wales on holiday. The report notes that the tourist industry is influenced by a diverse range of factors, mostly unrelated to wind farm development.

Therefore the overall conclusion from the study is that there is limited evidence of impacts on tourism for Wales as a whole due to the presence of wind farms and their associated infrastructure.

You may wish to note the study is now available on the Welsh Government's website at: <http://wales.gov.uk/topics/environmentcountryside/energy/renewable/wind/economic-impact-on-tourism/?lang=en>



**Alun Davies AC / AM**  
Y Gweinidog Cyfoeth Naturiol a Bwyd  
Minister for Natural Resources and Food

Mae cyfyngiadau ar y ddogfen hon

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