



Bod yn gyfrifol - agwedd 'Un Blaned' i gynaliadwyedd

Being responsible - a 'One Planet approach to sustainability

**Grŵp Twristiaeth Gyfrifol Cymru
Welsh Responsible Tourism Group
4 Tachwedd 2011**

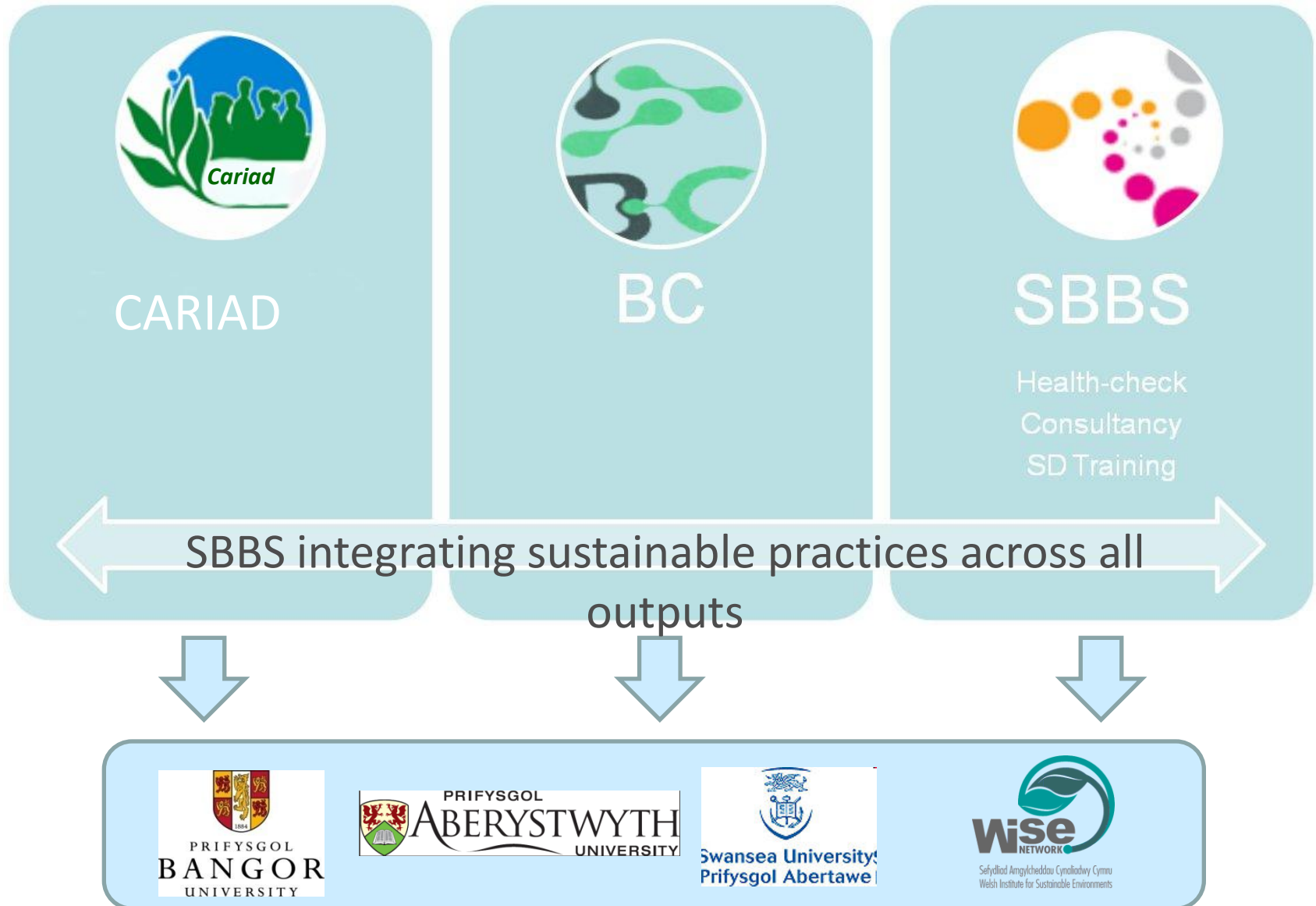


- Y Sefydliad Cymreig ar gyfer Adnoddau Naturiol
- Cynaliadwyedd ym Mangor
- Yr her
- Bywyd un blaned

- The Welsh Institute for Natural Resources
- Sustainability at Bangor
- The challenge
- One Planet Living



Sefydliad Cymreig ar gyfer Adnoddau Naturiol (SCAN) Welsh Institute for Natural Resources (WINR)



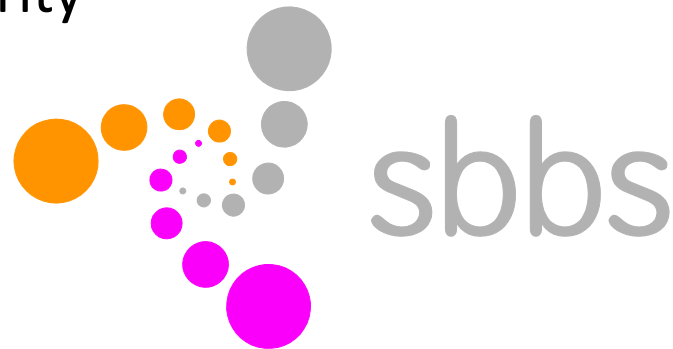
Working toward a bio based knowledge economy



Providing solutions to
global food security



Working on alternative
materials to combat
global warming
potential



Helping companies and organisations to think differently and
embrace change

Croesawu aelod newydd i'r teulu Welcoming a new member to the family

- Grŵp Twristiaeth Gyfrifol
Cymru

- Welsh Responsible Tourism
Group



Cynaliadwyedd ym Mangor



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BANGOR
UNIVERSITY

Sustainability at Bangor



Dechrau ar y brig Starting at the top

- **Mae'r I-G wedi ymrwymo i gynaliadwyedd**
 - Ymrwymiad yn y Cynllun Strategol “i wreiddo egwyddorion cynaliadwyedd ar draws y sefydliad, i sicrhau fod y Brifysgol yn arwain ar gynaliadwyedd yng Nghymru a thu hwnt”
- **The VC is committed to sustainability**
 - Committed in the strategic plan to “embed the principles of sustainability across the institution, to ensure Bangor University is a leader in sustainability in Wales and beyond”.



PRIFYSGOL
BANGOR
UNIVERSITY



Helpu Cymru i leihau ei Hêl Troed Carbon
Help Wales reduce its Carbon Footprint



Llywodraeth Cytullad Cymru
Welsh Assembly Government

www.cymru.gov.uk



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Y Siarter Datblygu Cynaliadwy

Ein hymrwymiad

Datblygu cynaliadwy fydd y brif egwyddor drefniadol wrth i ni wneud penderfyniadau ac ymgymryd â'n gwaith.

Ein gweithred

Rhanru ein harferion gorau o ran datblygu cynaliadwy gydag eraill.

Pennu sialens flynyddol ar gyfer gwneud rhywbeth yn wahanol ac adrodd ar ein cynnydd bob blwyddyn.

Datganiad o ymrwymiad i'r Siarter Datblygu Cynaliadwy

Mae'r sefydliad a ganlyn:

wedi llofnodi'r Siarter Datblygu Cynaliadwy

Llofnodwyd: John Hughes
Enw: PROF. JOHN HUGHES
Swydd: VS - GANGHELLOR
Dyddiad: 3ydd TACHWEDD 2011

Sustainable Development Charter

Our commitment

We will make sustainable development the central organising principle in how we make decisions and carry out our work.

Our action

Share our best practice on sustainable development with others.

Set ourselves an annual challenge of what we will do differently and report our progress against it each year.

Declaration of commitment to the Sustainable Development Charter

The following organisation:

has signed the Sustainable Development Charter

Signed: John Hughes
Name: PROF. JOHN HUGHES
Position: VICE-CHANCELLOR
Date: 3rd November 2011

Wedi arwyddo Siarter
Datblygu Cynaliadwy'r
Llywodraeth

Signatories to the Welsh
Government's
Sustainable
Development Charter.



Strwythur Adrodd
Reporting
Structure

Yr Is-Ganghellor
The Vice-Chancellor



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UNIVERSITY



Bwrdd Rheoli Cynaliadwyedd
Sustainability Management Board



Grŵp Gweithredu Cynaliadwyedd
Sustainability Implementation Group



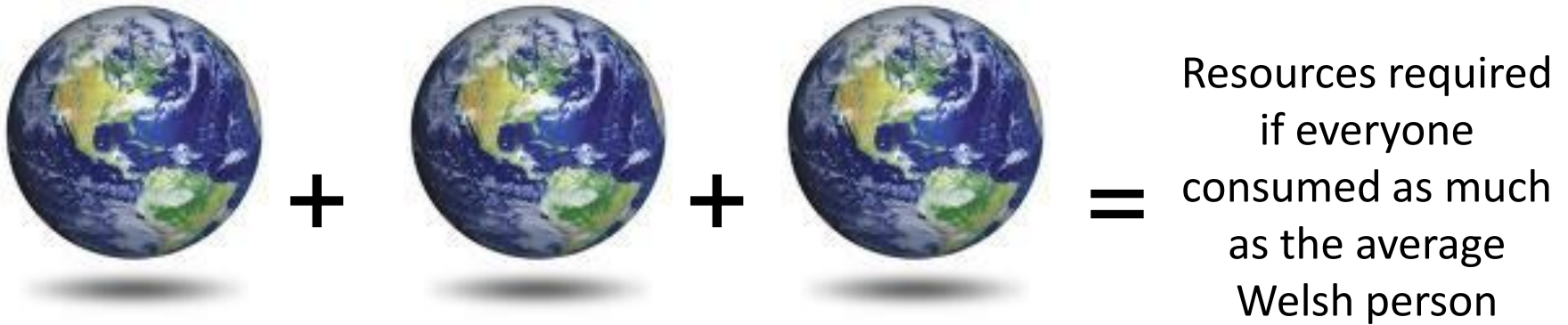
Fforwm gweithredu
Action Forum

Yr her The challenge



Ffaith frawychus Shocking fact

Petai pawb yn byw fel y Cymro cyffredin byddai angen 3
planed arnom i gynnal ein hunain

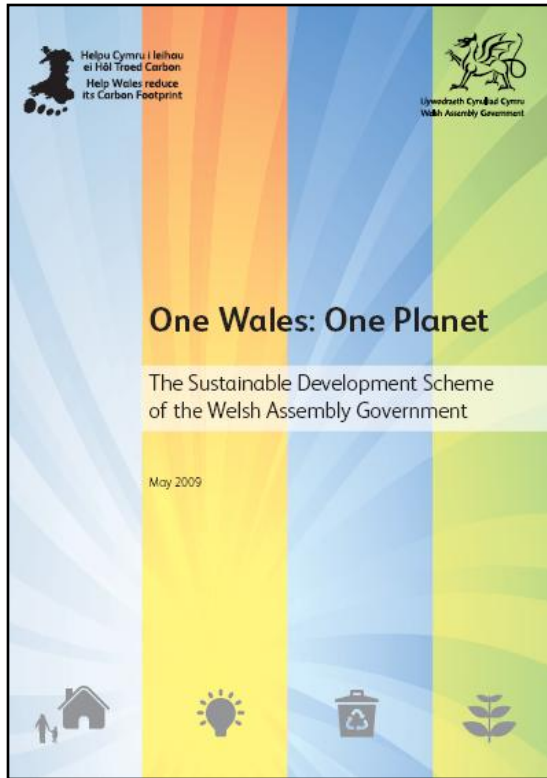
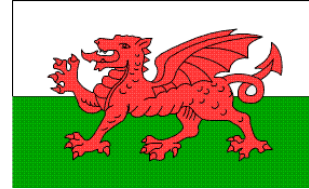


www.walesfootprint.org/



Dyletswydd cyfansoddiadol yng Nghymru i hybu bywyd 'un blaned'

Constitutional duty in Wales to promote 'one planet' living



Nôd Cymru un blaned yw 1.88 g ha/person

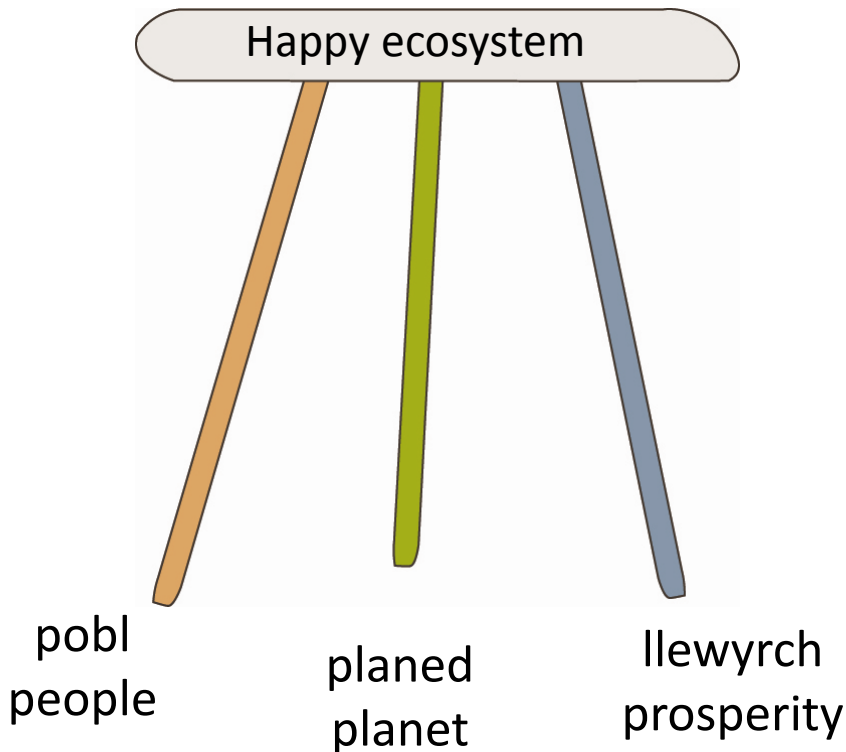


The goal 1.88 g ha/person



Sut beth yw cynaliadwyedd neu ‘bywyd un blaned’?
What does sustainability or ‘one planet living’ look like?

Petaem yn ‘gynaliadwy’ byddai pawb yn y byd yn gallu diwallu eu hangenion sylfaenol, mwynhau safon byw gwell heb ddifetha’r blaned i’r cenhedlaethau nesaf

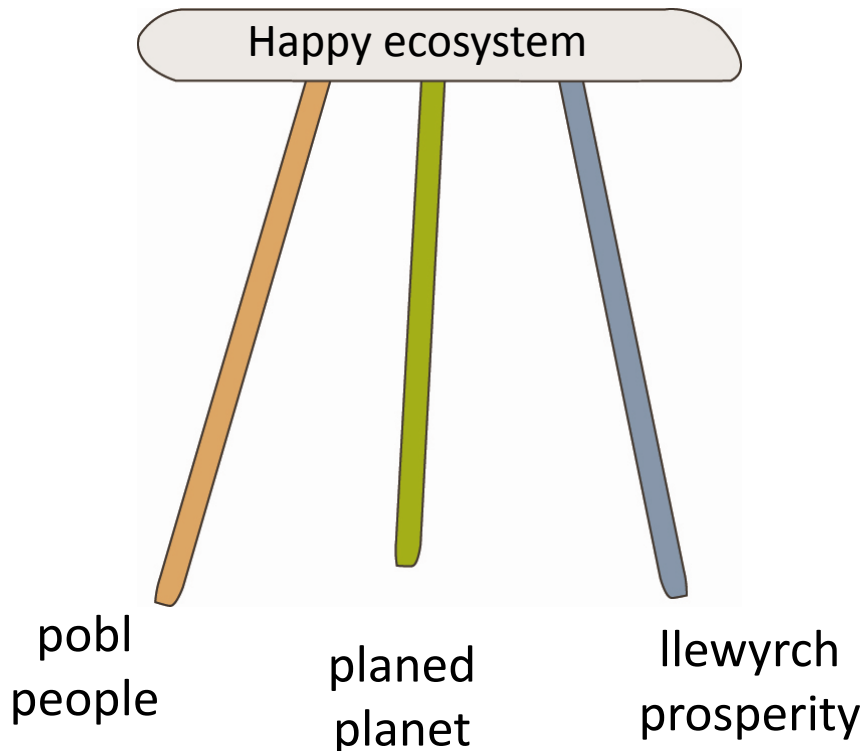


IF we were ‘sustainable’ every person in the world would be able to satisfy their basic needs and enjoy a better quality of life, without making a mess of the planet for future generations.

Sut beth yw cynaliadwyedd neu ‘bywyd un blaned’?

What does sustainability or ‘one planet living’ look like?

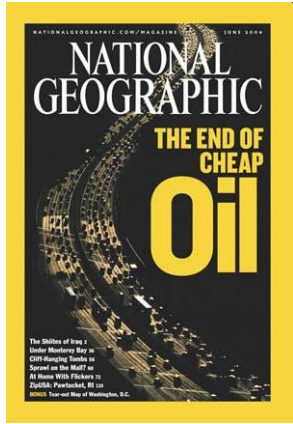
Yn ddelfrydol mae angen taro cydbwysedd rhwng consyrn am ‘bobl, y blaned a gwneud arian. Yr her FAWR yw dod o hyd i ffyrdd o ddelio gyda’r blaenoriaethau sy’n gwrthdaro ar bob lefel – busnes, llywodraeth a chymdeithas



Ideally we need to strike a balance between concerns for ‘People, planet, & simply ‘making money’.

The BIG challenge is finding ways of dealing with conflicting priorities and competing demands at all levels – business, government, society.

We have a LONG way to go – check out these 'UNSUSTAINABLE' things



wars



The "haves" and "have nots"



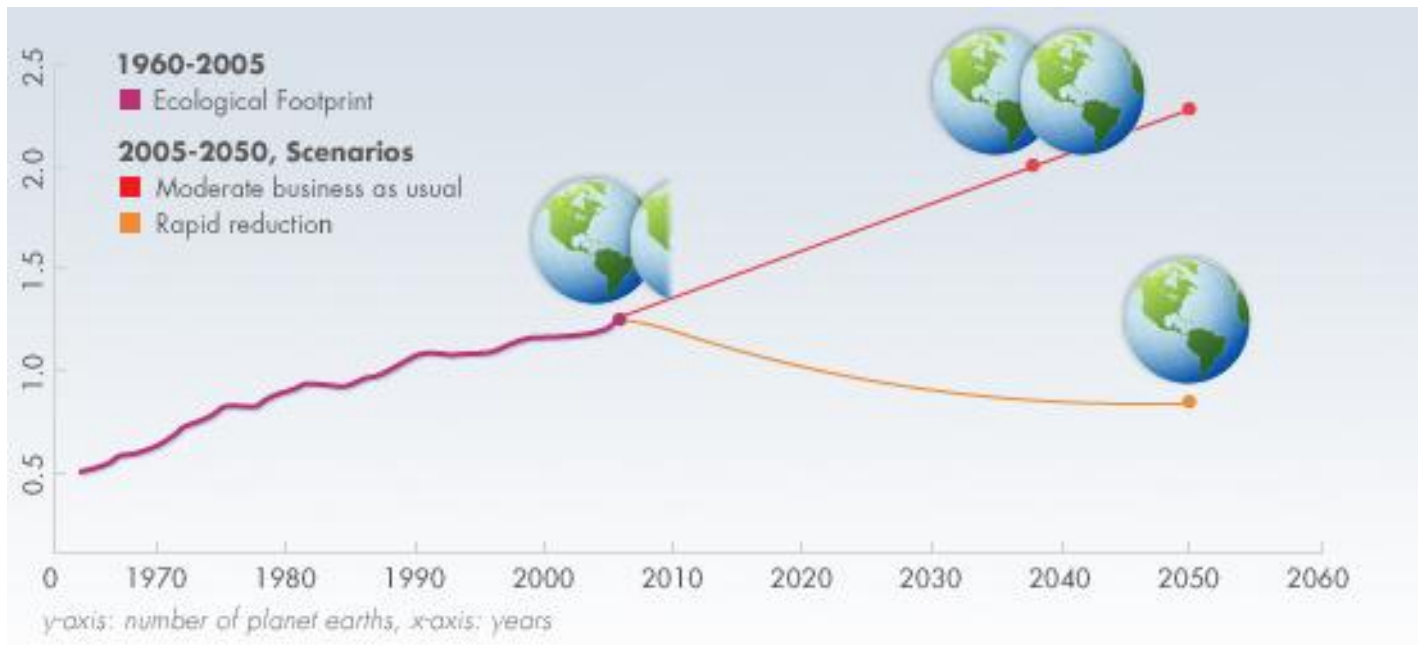
Water shortages, failed crops, starving people



£££
Credit crunch



Anti social behaviour



Rydym yn creu dyled ecolegol fydd yn cael effaith andwyol ar gymdeithas a'r economi

We are creating an ecological debt, which will have social and economic consequences.

Cyfleon i bawb Opportunities for all

- Mae Byw Bywyd Un Blaned yn weledigaeth bositif o fydd lle rydym yn byw bywydau hapus, iach o fewn terfynau'r blaned.
- One Planet Living is a positive vision of a world in which we live happy, healthy lives, within the natural limits of the planet.



ONE PLANET

www.oneplanetliving.org



Hyrwyddo 'bywyd un blaned' Promoting 'one planet living'

- Defnyddio adnoddau'n gynaliadwy (carbon/gwastraff isel)
 - Trafnidiaeth gynalidawdy
 - Defnyddiau cynaliadwy
 - Bwyd lleol cynaliadwy
 - Cyflenwad dŵr cynaliadwy
 - Defnydd tir, bywyd gwylt ac ecosystemau
 - Iaith, diwylliant & etifeddiaeth
 - Cydraddoldeb
 - Iechyd a hapusrwydd
- Sustainable resource use (low carbon, zero waste)
 - Sustainable transport
 - Sustainable materials
 - Local and sust. food
 - Sustainable water
 - Land use, wildlife & ecosystems
 - Language , culture and heritage
 - Equity and inclusion
 - Health and happiness

Llunio'r dyfodol Shaping the future

Gwlad wahanol yw'r
gorffennol roedd pethau'n
wahanol yno.

Yr un modd y dyfodol –
byddwch yn barod i gael
eich synnu

The past is a different country,
they did things differently
there.

What happens in the future
let's be prepared for a
surprise!