



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

## **Adroddiad ar Sefyllfa Adnoddau Naturiol 2025**

### **SoNaRR 2025 State of Natural Resources Report for Wales**

Tystiolaeth yn sbarduno camau  
gweithredu dros afonydd Cymru

Evidence driving action for Welsh rivers

Cadeirydd / Chair: Michael Gerardo

Cyflwynwyr / Presenters: Julie Boswell, Suzanne Hearn,  
Dave Charlesworth



# Croeso

# Welcome

Cwestiwn 1 A ydych chi wedi defnyddio unrhyw un o'r Adroddiadau ar Gyflwr Adnoddau Naturiol?

Question 1 Have you used any of the State of Natural Resources Reports?

Cwestiwn 2 Ar gyfer beth wnaethoch chi ddefnyddio SoNaRR?

Question 2 What have you used SoNaRR for?



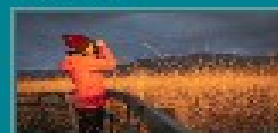


State of Natural  
Resources Report  
2025

Download SoNaRR 2025

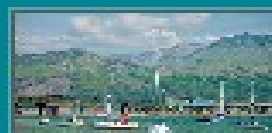
Foreword and summary

#### Featured



**SoNaRR 2025:  
Drivers of  
environmental  
change**

Evidence and data



**SoNaRR 2025:  
SMNR and  
biodiversity  
assessments**

Evidence and data



**SoNaRR 2025:  
Opportunities for  
action**

Evidence and data



**SoNaRR 2025:  
Bridges to the  
future**

A briefing for policy and ...  
Guidance and advice



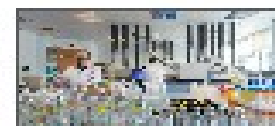
**Power RI  
SoNaRR 2025:  
Evidence portal**

Evidence and data



**SoNaRR 2025:  
map of Wales'  
eight broad  
ecosystems**

Evidence and data



**SoNaRR 2025  
evidence needs**

Evidence and data



**SoNaRR 2025:  
"This is not just a  
warning about  
the future. It is a**

News

[Cyfoeth Naturiol Cymru  
Adroddiad ar Sefyllfa  
Adnoddau Naturiol 2025](#)

[Natural Resources Wales /  
State of Natural Resources  
Report 2025](#)

## 4 dimensiwn Ilesiant: / 4 dimensions of well-being:



**Amgylcheddol  
(cyflwr a gwytnwch)**

**Environmental  
(condition and  
resilience)**



**Cymdeithasol**

**Social**



**Diwylliannol**

**Cultural**



**Economaidd**

**Economic**

Natural Resources Wales /  
State of Natural  
Resources Report 2025

## Ein Nodau / Our aims

### Nod 1

Stociau o adnoddau naturiol yn cael eu diogelu a'u gwella

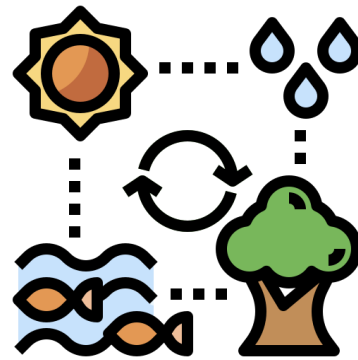


### Aim 1

Natural resources are safeguarded and enhanced

### Nod 2

Gwynnwch Ecosystemau



### Aim 2

Ecosystem resilience

### Nod 3

Lleoedd iach ar gyfer pobl sydd wedi'u diogelu rhag peryglon amgylcheddol



### Aim 3

Healthy places for people, protected from environmental risks

### Nod 4

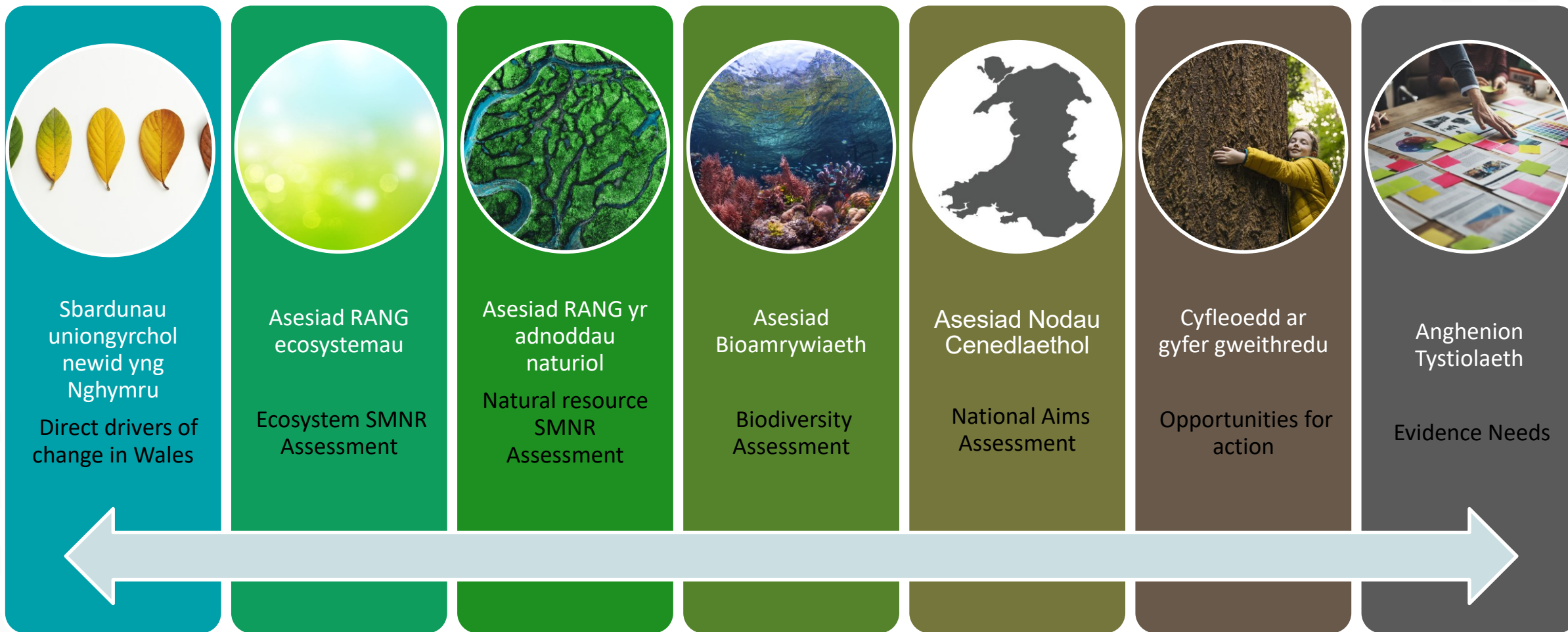
Economi adfywiol gyda lefelau cynhyrchu a defnyddio adnoddau cynaliadwy



### Aim 4

Regenerative economy with sustainable levels of production and consumption

# Beth yw SoNaRR 2025?/ What is in SoNaRR 2025?



Asesiad o'r ecosystemau, yr adnoddau naturiol a'r cynnydd tuag at y 4 nod o Reoli Adnoddau Naturiol yn Gynaliadwy  
An assessment of the ecosystems, natural resources and progress towards the 4 aims of SMNR

# Mae angen gweithredu/ **Action is needed**

Yn seiliedig ar ein tystiolaeth, mae'r cyfloedd ar gyfer gweithredu yn glir  
**Based on our evidence the opportunities for action are clear**



## **Graddfa leol**

Grymuso pobl a chymunedau i  
fabwysiadu ffyrdd o fyw cynaliadwy a iach

### **Local scale**

Empowering people and communities to  
adopt sustainable and healthy lifestyles



## **Graddfa ranbarthol**

Dulliau sy'n seiliedig ar le

### **Regional scale**

Place-based  
approaches



## **Graddfa genedlaethol**

Alinio fframweithiau gwleidyddol a pholisiau  
gyda'r argyfyngau hinsawdd a natur

### **National scale**

Aligning political and policy frameworks  
with the climate and nature emergency

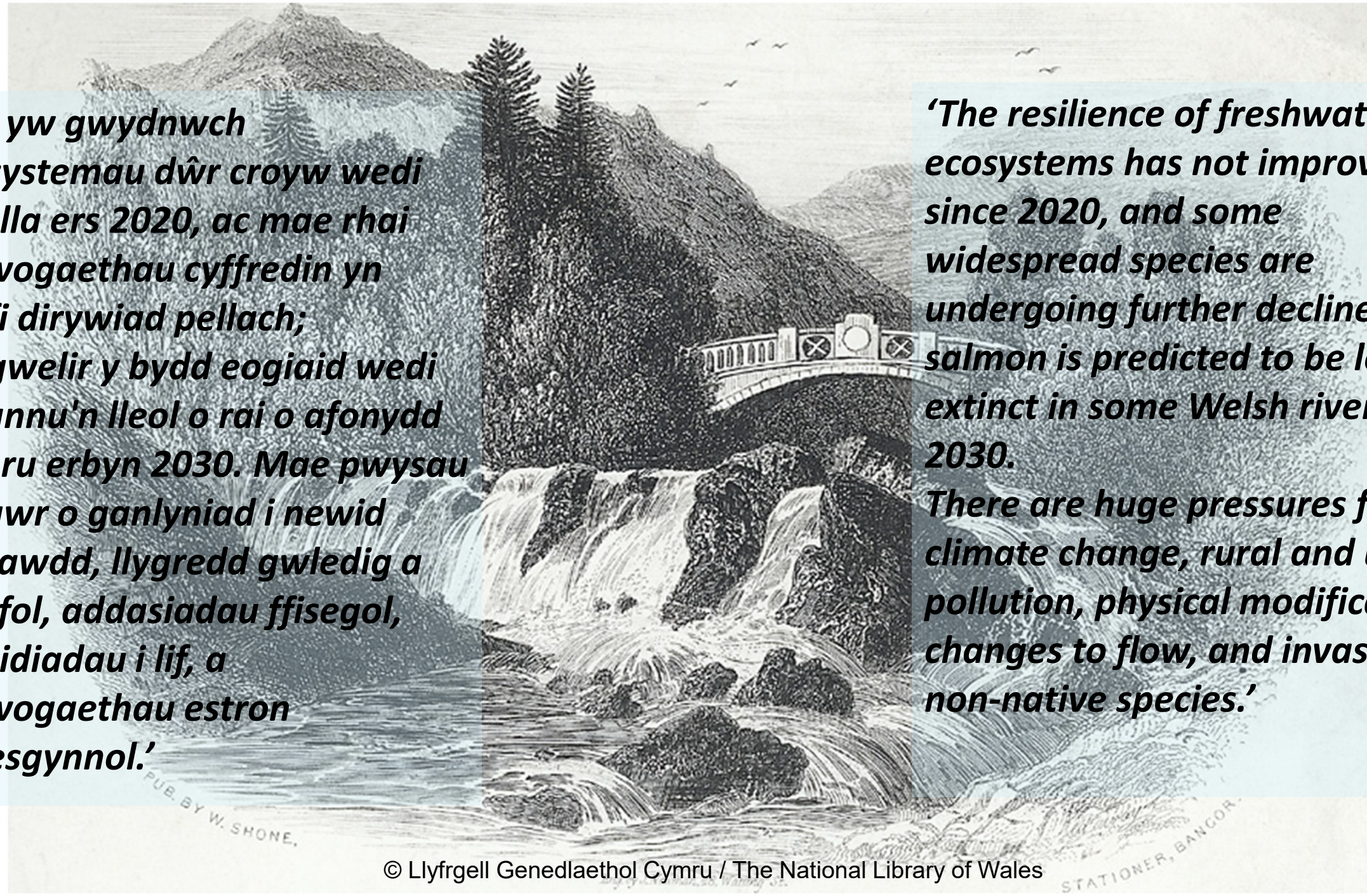
# Canolbwyntio ar yr ecosystem dŵr croyw Tystiolaeth yn sbarduno camau gweithredu dros afonydd Cymru

## Focus on the freshwater ecosystem Evidence driving action for Welsh rivers

Cyfoeth Naturiol Cymru / SoNaRR 2025: Dŵr Croyw

Natural Resources Wales / SoNaRR 2025: Freshwater





***‘Nid yw gwydnwch ecosystemau dŵr croyw wedi gwella ers 2020, ac mae rhai rhywogaethau cyffredin yn profi dirywiad pellach; rhagwelir y bydd eogiaid wedi diflannu’n lleol o rai o afonydd Cymru erbyn 2030. Mae pwysau enfawr o ganlyniad i newid hinsawdd, llygredd gwledig a threfol, addasiadau ffisegol, newidiadau i lif, a rhywogaethau estron goresgynnol.’***

***‘The resilience of freshwater ecosystems has not improved since 2020, and some widespread species are undergoing further declines; salmon is predicted to be locally extinct in some Welsh rivers by 2030.***

***There are huge pressures from climate change, rural and urban pollution, physical modifications, changes to flow, and invasive non-native species.’***

## Negeseuon allweddol dŵr croyw

### Pwysigrwydd

- Amrywiaeth gyfoethog
- Gwasanaethau ecosystemau

### Cyflwr

- Cyflwr anffafriol
- Dirywiad rhywogaethau

### Pwysau

- Newid yn yr Hinsawdd
- Llygredd dŵr
- Addasiad ffisegol

## Freshwater key messages

### Benefits

- Rich diversity
- Ecosystem services

### State

- Unfavourable condition
- Species decline

### Pressures

- Climate change
- Water pollution
- Physical modification



## Negeseuon allweddol dŵr croyw

## Freshwater key messages

### Gwydnwch ecosystem

- Adfer cynefinoedd
- Prosesau naturiol

### Ecosystem resilience

- Restore habitats
- Natural processes

### Rheolaeth

- Lleihau pwysau
- Ymagwedd strategol
- Newid ymddygiad

### Management

- Reduce pressures
- Catchment approach
- Behaviour change



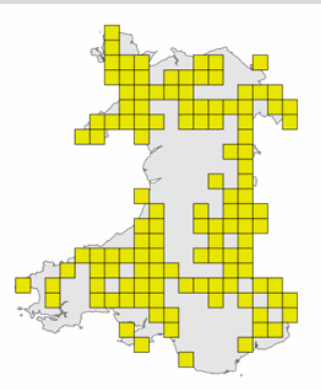
## Dull sy'n seiliedig ar dystiolaeth Rheoliadau Cynefinoedd 2019-2024

## Evidence led approach Habitats Regulations 2019-2024

Afonydd gyda chrafanc y  
dŵr a rigwly

Statws cyffredinol: Anffafriol–drwg

Tuedd gyffredinol: Sefydlog



Rivers with water-crowfoots and  
water-starworts

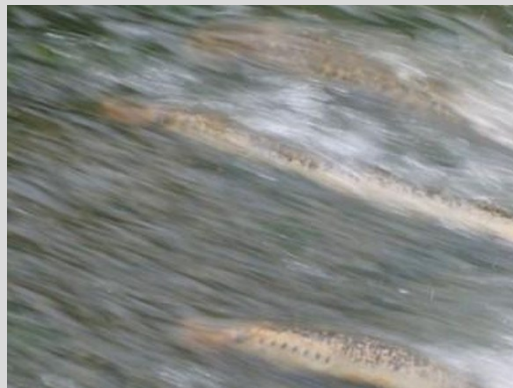
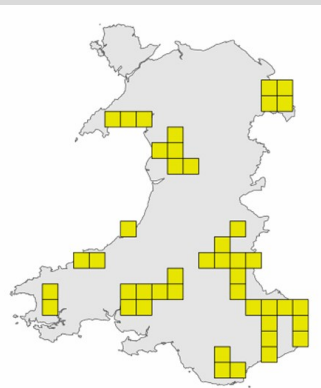
Overall status: Unfavourable-bad

Overall trend: Stable

Llysywen bendoll y môr  
(*Petromyzon marinus*)

Statws cyffredinol: Anffafriol–annigonol

Tuedd gyffredinol: Sefydlog



Sea lamprey (*Petromyzon marinus*)

Overall status: Unfavourable-  
inadequate

Overall trend: Stable

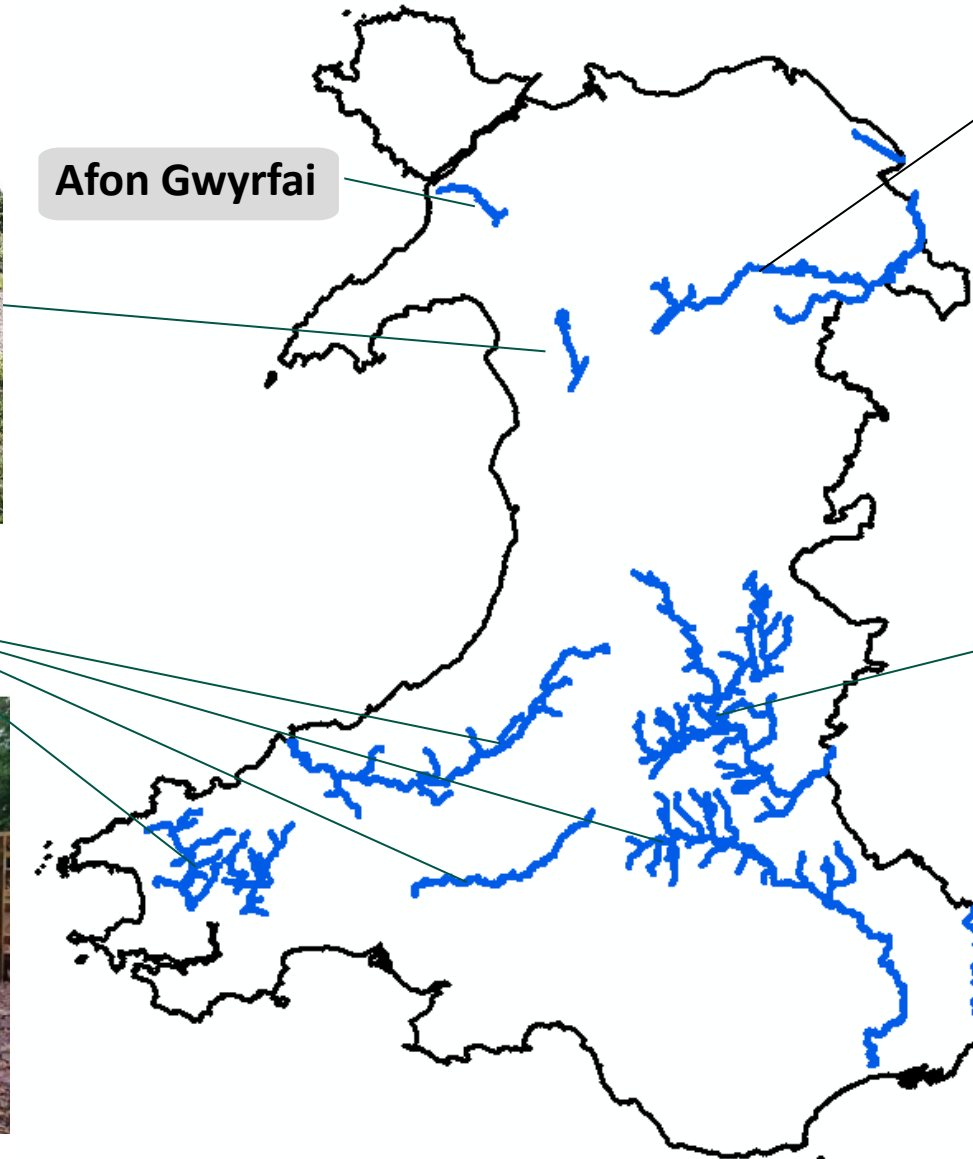
## Troi tystiolaeth yn gamau gweithredu

## Evidence into action

Afon Eden



Afon Gwyrfai



LIFE Afon Dyfrdwy

LIFE Dee River



Pedair Afon LIFE  
Four Rivers for LIFE



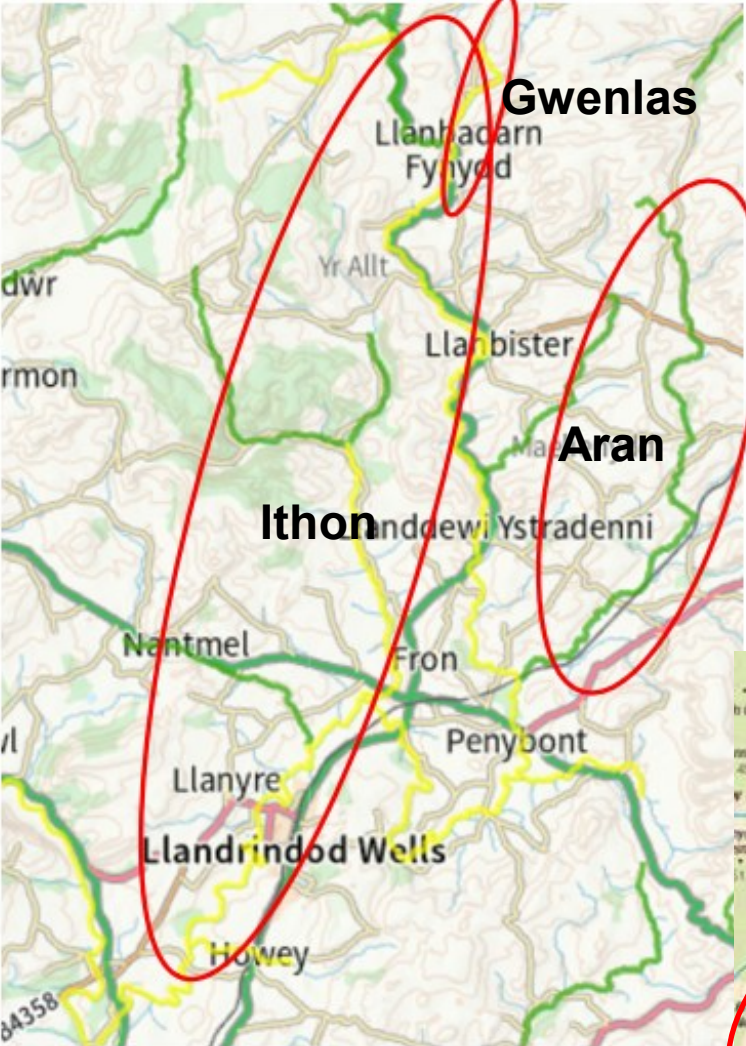
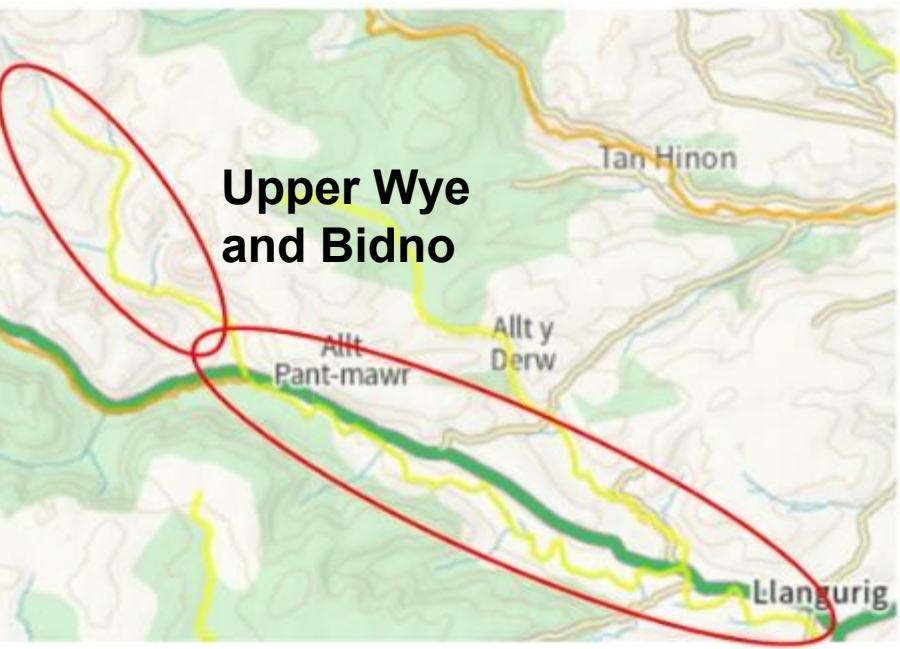
Gwy Uchaf prosiect

Upper Wye project





# Meysydd Ffocws/Focus Areas



## Adfer cynefinoedd a mynd i'r afael â phwysau **Restoring habitats and addressing pressures**



Lluniau/Photos: Cyfoeth Naturiol Cymru

## Bylchau yn y dystiolaeth

## Evidence gaps



Asesiad o gyflwr Afon Gwy – cynefin yr afon  
Delweddau drôn  
Prosiect troed-frân y dŵr

River Wye condition assessment river habitat  
Drone imagery  
Water Crowfoot project



## Yn dod i fyny/**Coming up**

- Drafftiau o Gynlluniau Rheoli Basnau Afonydd/**Draft River Basin Management Plans**
- Dosbarthiad y Gyfarwydddeb Fframwaith Dŵr ac asesiad afonydd SAC/**Water Framework Directive Classification and SAC River assessment**
- Gweminarau ar adfer Afonydd/**River restoration webinars**

Ffermydd, Dŵr Croyw a Phartneriaeth/**Farms, Freshwater and Partnership**

Rôl Coedwigaeth mewn Afonydd Iachach/**Forestry's Role in Healthier Rivers**

Ffocws ar Bysgodfeydd/**Fisheries Focus**

Tystiolaeth dros Adfer/**Evidence for Restoration**



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



## Fisheries Programme Delivery and Salmon Strongholds

**Cyflawni'r Rhaglen  
Pysgodfeydd a Chadarnleoedd  
yr Eog**

**Dave Charlesworth**  
Freshwater Fisheries Lead Specialist  
Arbenigwr Arweiniol Pysgodfeydd Dŵr Croyw

# Tystiolaeth a chyfleoedd i weithredu Evidence and Opportunities for Action

## Ffynonellau tystiolaeth allweddol

Archwiliwch rywfaint o'r dystiolaeth yr ydym wedi'i defnyddio i lywio ein hasesiad:

- Adroddiad ar Sefyllfa Adnoddau Naturiol 2020: Asesiad Dŵr Croyw
- Cynhyrchu ynni yng Nghymru
- Adroddiad ERAMMP-105: Tueddiadau Cenedlaethol Cymru a Gwerthusiad Glastir
- Adroddiad Cyntaf Rheoliadau Cynefinoedd 9A ar gyfer Cymru 2025 [ar waith]
- Mesur a Gwerthfawrogi Cyfraniad Ecosystemau i Ansawdd Dŵr yn y DU
- Adroddiadau ansawdd dŵr CNC
- Stociau a physgodfeydd eogiaid yng Nghymru a Lloegr
- Cyfrifon cyfalaf naturiol y DU

## Key evidence sources

Explore some of the evidence we have used to inform our assessment:

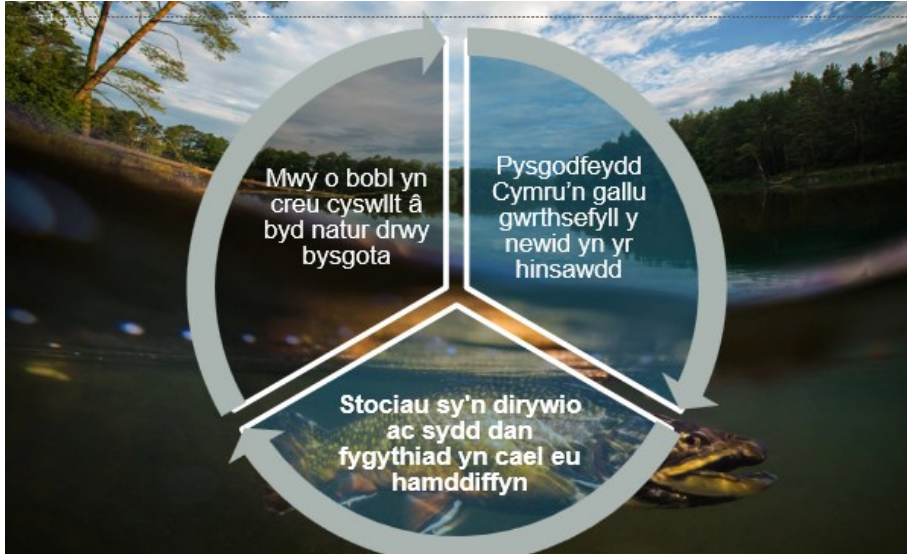
- SoNaRR 2020 Freshwater assessment
- Energy generation in Wales
- ERAMMP Report-105: Wales National Trends and Glastir Evaluation
- First Habitats Regulations 9A Report for Wales 2025 [in prep]
- Measuring and Valuing Ecosystem Contribution of Water Quality in the UK
- NRW water quality reports
- Salmon Stocks and Fisheries in England and Wales
- UK Natural Capital Accounts

**Action 2. Protect and boost native species populations by enhancing native habitats.**

**Action 12. Adapt rivers to increasing temperatures resulting from climate change (i.e., River shading via afforestation or riparian habitat)**



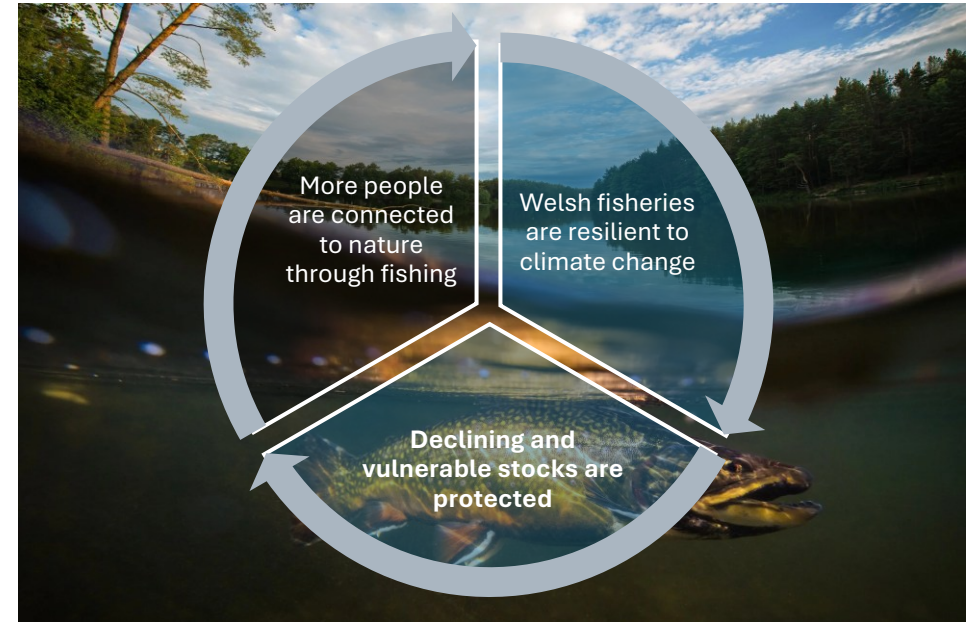
# Strategaeth Pysgodfeydd sy'n Gwrthsefyll y Newid yn yr Hinsawdd 2026-31



## Gweledigaeth

- *Ecosystemau dŵr croyw, aberol a morol iach sy'n gallu gwrthsefyll y newid yn yr hinsawdd, ac sy'n cefnogi poblogaethau o bysgod amrywiol, sy'n ffynnu, gyda pysgodfeydd a gaiff eu rheoli'n gynaliadwy.*
- *Bydd y pysgodfeydd hyn yn caniatáu i bobl o bob cefndir greu cyswllt â byd natur, gan ddarparu cymhelliant pwerus i'w hadfer a'u cynnal ar gyfer cenedlaethau'r presennol a'r dyfodol.*

# Climate Resilient Fisheries Strategy 2026-31



## Vision

- *Wales has healthy and climate-resilient freshwater, estuarine and marine ecosystems that support thriving and diverse fish populations with sustainably managed fisheries.*
- *These fisheries will allow people from all backgrounds to connect to nature, providing powerful incentive to restore and maintain them for current and future generations.*

# Cyflawni'r Rhaglen Pysgodfeydd

## Fisheries Programme Delivery

### Rhaglen Adfer Cynefinoedd Pysgodfeydd Mewndirol

## Inland Fisheries Habitat Restoration Programme

### Eogiaid Yfory

## Salmon for Tomorrow

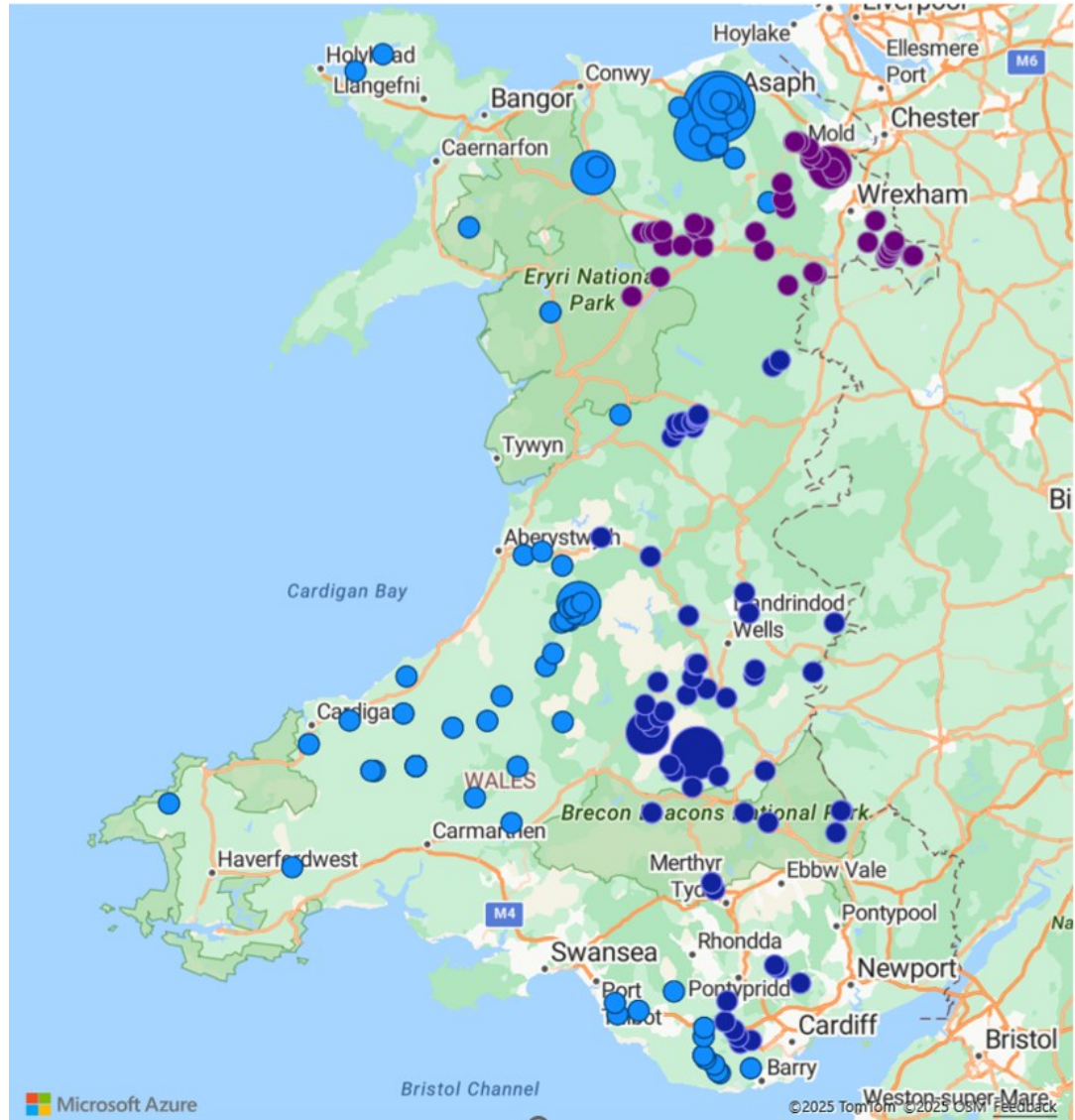


## Rhaglen Adfer Cynefinoedd Pysgodfeydd Mewndirol

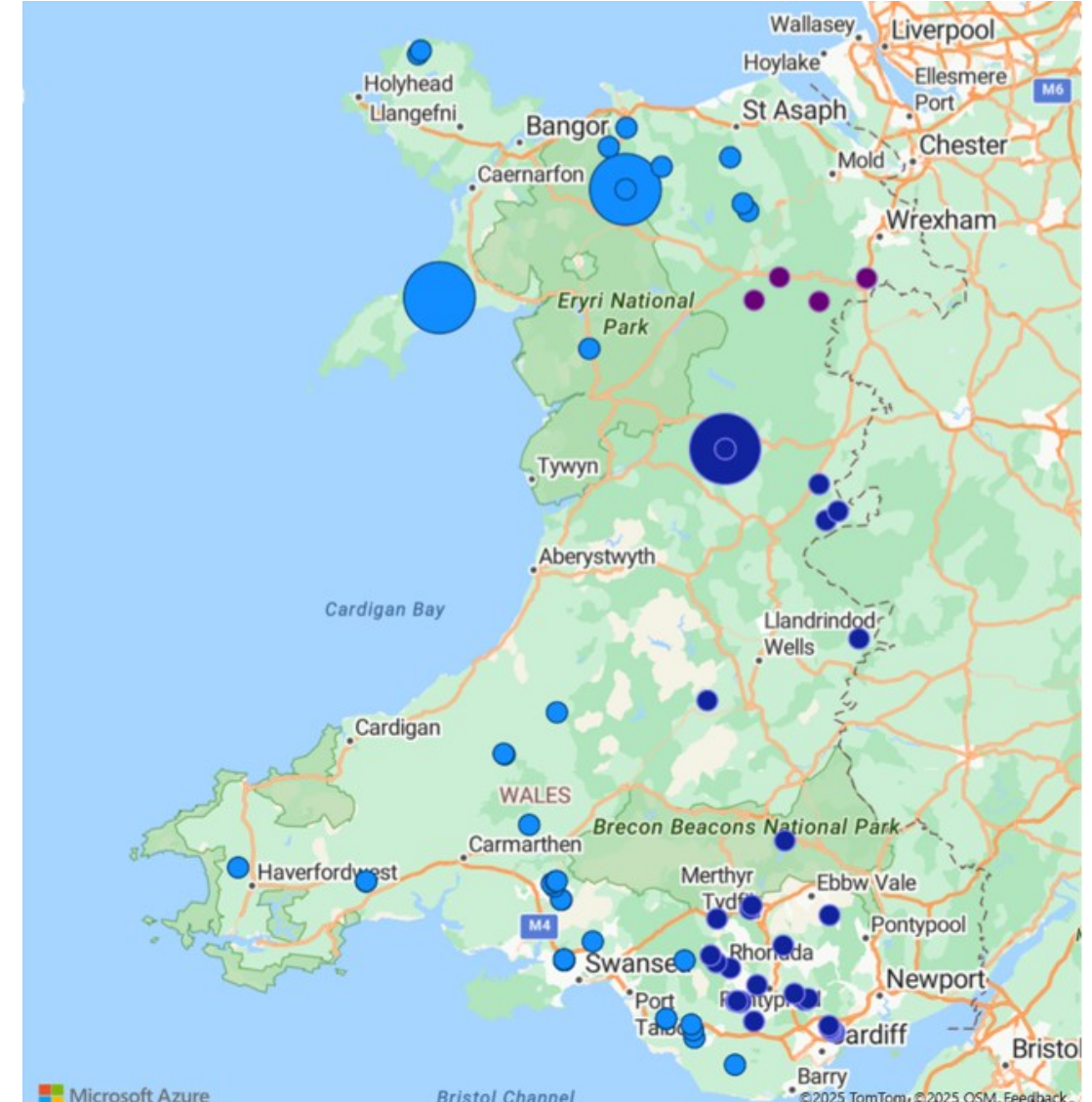
### Inland Fisheries Habitat Restoration Programme



## Habitat Improvements Schemes (275 km SAF 1-3) Cynlluniau Gwella Cynefinoedd



## Fish Passage Improvements Schemes (270km SAF 1-3) Cynlluniau Gwella Llwybrau Pysgod



# Salmon 4 Tomorrow Eogiaid Yfory











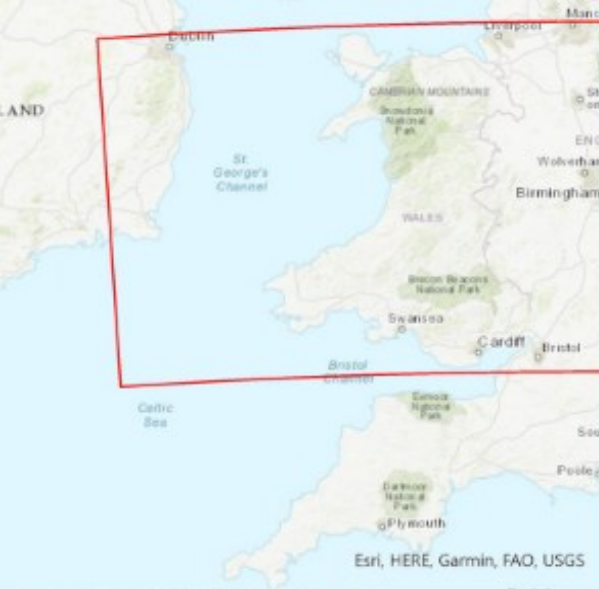
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**Cadarnleoedd yr Eog**  
**Dull seiliedig ar dystiolaeth o fynd i'r afael â chadwraeth yr Eog yng Nghymru.**



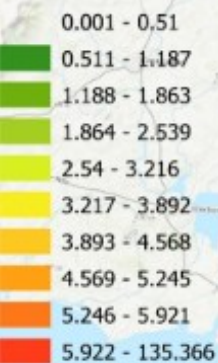
**Salmon Strongholds**  
**An evidence-based approach to Salmon conservation in Wales**

# Salmon Fry & Parr Density – Principal Salmon Rivers, Wales



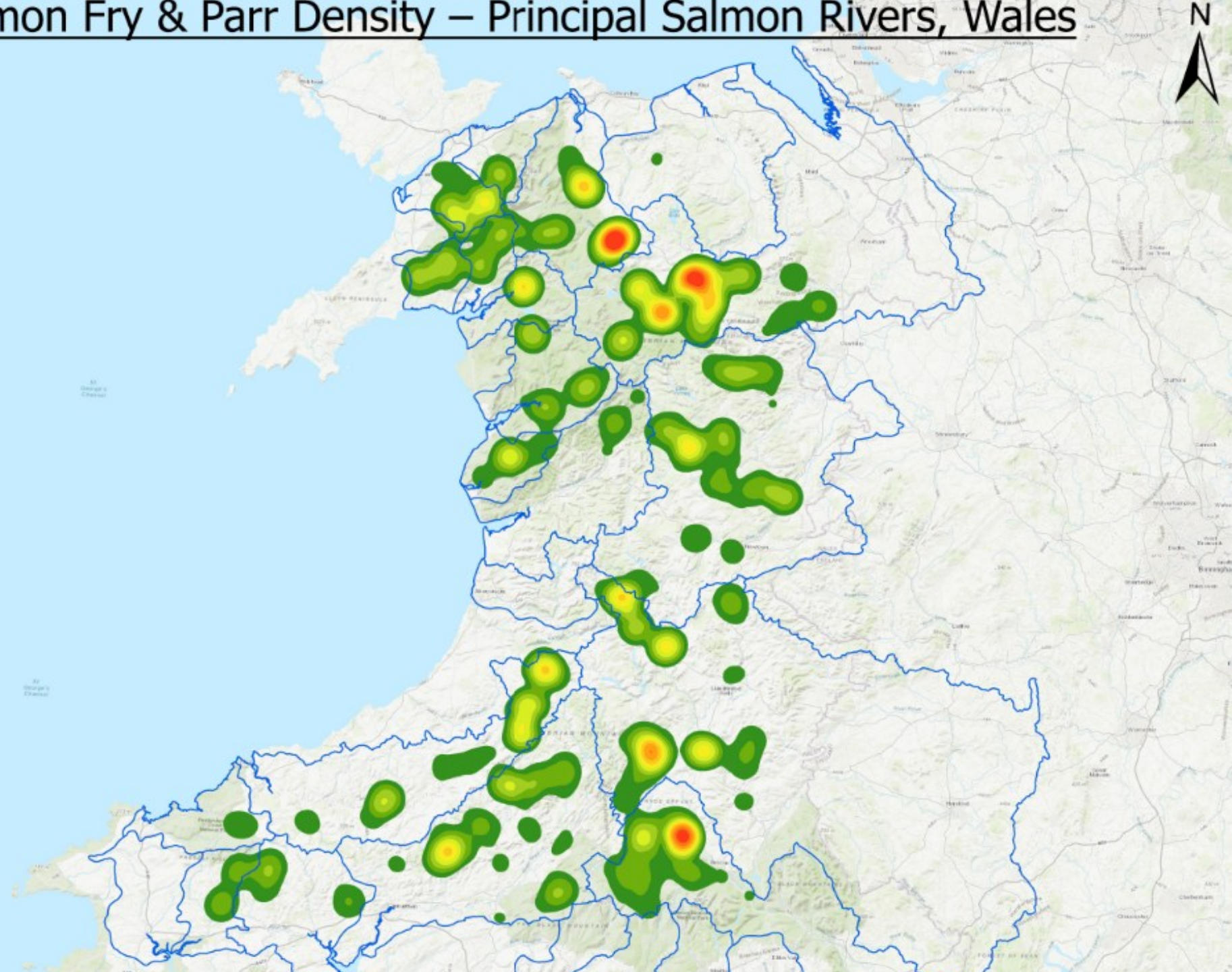
## Salmon Density KernelD

Value



Principal Salmon Rivers

Heat map shows kernel density of combined salmon fry and parr density (Total salmon density) across monitoring sites, weighted by density value rather than site count. Isolated to catchments within the Principal Salmon Rivers boundary layer; sites outside these catchments are not reflected in the density surface



## Cyfleoedd partneriaeth



## Partnership Opportunities



# Q & A

**Sut gallwch chi helpu i fynd i'r afael â rhai o'r materion a godwyd?**

**How can you help address some of the issues raised?**

**Rhowch fanylion yn sgwrs y cyfarfod**

**Please provide detail in the meeting chat**



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## Podlediad / Podcast

ewch i Bodlediad CNC: [Cyfoeth: Podlediad Amgylchedd Cyfoeth Naturiol Cymru](#)

visit the NRW Podcast: [Cyfoeth: The Natural Resources Wales Environment Podcast](#)

## Adborth / Feedback survey

English - <https://ymgynggori.cyfoethnaturiol.cymru/sonarr/d045300f/>

Cymraeg – <https://ymgynggori.cyfoethnaturiol.cymru/sonarr/447eb0a2/>

## Cysylltwch a ni / Contact us

[sonarr@cyfoethnaturiolcymru.gov.uk](mailto:sonarr@cyfoethnaturiolcymru.gov.uk)

# Diolch / Thank you

Defnyddio tir yn gynaliadwy / Sustainable land use 04/11/2026

Bioamrywiaeth / Biodiversity 17/11/2026

Amgylcheddau trefol / Urban environments 10/12/2026



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