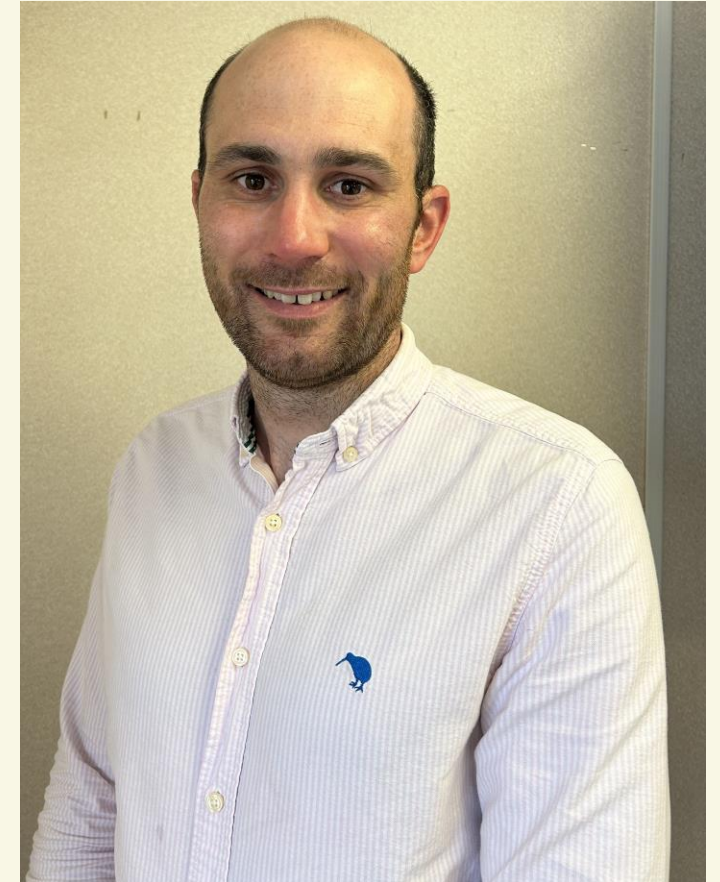


**Adroddiad GRhS Trawsfynydd,  
Cyfarwyddwr Safle-Tom Williams**

**12 Rhagfyr 2024**

**Trawsfynydd SSG report,  
Site Director-Tom Williams**

**12 December 2024**



12/12/2024



**NRS**  
Nuclear Restoration  
Services

## Canolbwyntio ar ddiogelwch - Safety focus

# 3053

Nifer y diwrnodau ers anaf colli amser

Days since a lost time injury



# Ein pobl / Our people

|             | Nifer ar Safle                                                                                            |
|-------------|-----------------------------------------------------------------------------------------------------------|
| NRS         | 180                                                                                                       |
| Contractors | Altrad x 16 / J N Bentley x 7 / Nuvia x 17 / MITIE x 35 / Element x 7                                     |
| Agency      | 10 (+ 12 CSW)                                                                                             |
| MSO         | 38 (1 x ASW; 7 x CSW; 26 x EMPL; 3 x PCH                                                                  |
| Apprentices | 9 (5 x Maintenance Craft Technician; 4 x Rad Protection)<br>Maintenance = 3 x Mechanical; 2 x Electrical. |
| Graduates   | 2 have been taken on as Assistant Engineers following completion of their Graduate Scheme                 |



# Croesawu talent newydd i Trawsfynydd / Welcoming new talent to Trawsfynydd

Mae'n bleser gennym gyhoeddi bod pedwar prentis newydd ac un graddedig i'n tîm yn Nhrawsfynydd.

- **Amy** a **Sion** fel ein Prentis Technegydd Cynnal a Chadw newydd.
- **Gruff** a **Daniel** fel ein Prentis Gweithwyr Niwclear newydd.
- **Delico**, ein graddedig newydd.

Rydym yn edrych ymlaen i weld y safbwyntiau a'r egni newydd y byddant yn eu cynnig i'n prosiectau.

Croeso i Traws, Amy, Daniel, Gruff, Sion, a Delico! 🎉

We are thrilled to announce the arrival of four new apprentices and one graduate to our team at Trawsfynydd.

- **Amy** and **Sion** as our new Maintenance Technician Apprentices.
- **Gruff** and **Daniel** as our new Nuclear Worker Apprentices.
- **Delico**, our new graduate.

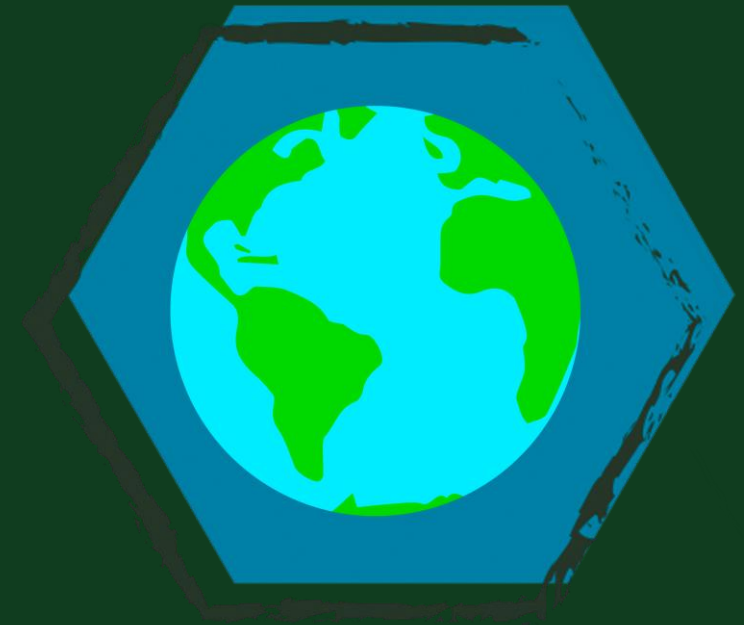
We are excited to see the fresh perspectives and energy they will bring to our projects.

Welcome aboard, Amy, Daniel, Gruff, Sion, and Delico! 🎉



# Iechyd a Lles / Health and wellbeing

| 13 <sup>th</sup> June     | Cinema showing of Peppy App for Men's Health to include lunch                                                                                                                                                                             |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 18 <sup>th</sup> June     | Lunch & Learn with Wylfa – Industrial Ecology                                                                                                                                                                                             |
| 6 <sup>th</sup> August    | Site Litter Pick and street food                                                                                                                                                                                                          |
| 15 <sup>th</sup> August   | Cinema showing of Microaffirmations and Microaggressions                                                                                                                                                                                  |
| 5 <sup>th</sup> September | Cinema showing of Migraines and Headaches                                                                                                                                                                                                 |
| W/C 9 <sup>th</sup> Sept  | Suicide prevention campaign to include : <ul style="list-style-type: none"><li>• Gratitude Board</li><li>• Daily True/False sheets emailed to all users &amp; discussed in daily meetings</li><li>• TED Talk on 10<sup>th</sup></li></ul> |
| 10 <sup>th</sup> October  | Joined Mental Health Music Event at Hinkley                                                                                                                                                                                               |
| 14 <sup>th</sup> Oct      | Restart a Heart Day – defib and CPR re-familiarisation (practical)                                                                                                                                                                        |
| 5 <sup>th</sup> Dec       | Site Christmas Fayre with local traders                                                                                                                                                                                                   |



# Iechyd a Lles / Health and wellbeing

## Staff Trawsfynydd yn mwynhau ysbryd y Nadolig!

**Digwyddiad:** Ffair Nadolig

**Dyddiad:** 5ed Rhagfyr

**Lleoliad:** Canolfan Ymwelwyr sydd newydd ei hadnewyddu

**Trefnwyd gan:** Tim Iechyd a Lles

### Disgrifiad:

Dathlwyd staff Trawsfynydd ysbryd y Nadolig yn ddiweddar gyda Ffair Nadolig eu hunain, a drefnwyd gan dîm Iechyd a Lles y safle. Cynhaliwyd y digwyddiad ar y 5ed o Ragfyr yn y ganolfan ymwelwyr newydd. Dyma ychydig o luniau o'r diwrnod.

## Trawsfynydd Staff Embrace the Christmas Spirit!

**Event:** Christmas Fayre

**Date:** 5th December

**Location:** Newly Renovated Visitor Centre

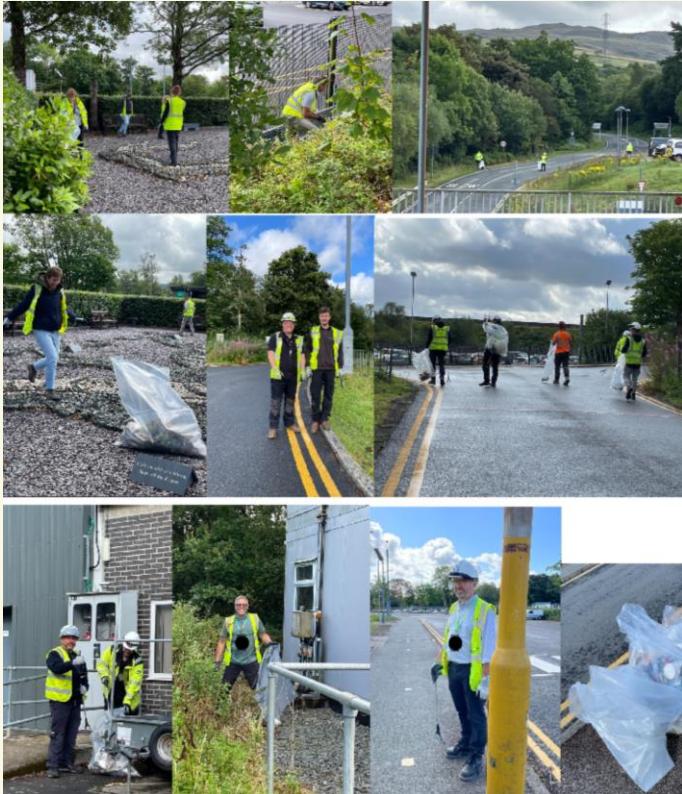
**Organised by:** Health and Wellbeing Team

### Description:

Trawsfynydd staff got into the Christmas spirit and attended their very own Christmas Fayre, organised by the site's Health and Wellbeing team. The event was held on the 5th of December at the newly renovated visitor centre. Here are a few pictures from the day.



# Cynaliadwyedd a'r amgylchedd / Sustainability & Environment



## Casglu Sbwriel Blynnyddol Trawsfynydd 2024

### Trosolwg y digwyddiad:

- Gwahoddir y safle cyfan i gymryd rhan.
- Canran fawr o'r tîm wedi mynychu, yn mwynhau amser gyda'i gilydd y tu allan i'w hamgylchedd gwaith arferol.

### Buddion Iechyd a Chymunedol:

- Mwy o weithgarwch corfforol ac awyr iach.
- Gwellu morâl.

### Cyflawniadau:

- Casglu 1 tonnell o wastraff.
- Dangos ymroddiad i lanhau Parc Cenedlaethol Eryri.

### Dathliad ar ôl y digwyddiad:

- Roedd faniau bwyd stryd yn gweini prydau bwyd blasus.
- Roedd fan hufen iâ yn darparu gwledd melyn.

### Cydnabod:

- Llongyfarchiadau mawr i bawb am sicrhau bod casglu sbwriel 2024 yn llwyddiant ysgubol!

## Trawsfynydd Annual Litter Pick 2024

### Event Overview:

- Whole site invited to participate.
- Great turnout with team members enjoying time together outside their usual work environment.

### Health and Community Benefits:

- Increased physical activity and fresh air.
- Enhanced team bonding and morale.

### Achievements:

- Collected 1 ton of waste.
- Demonstrated dedication to cleaning up Eryri National Park.

### Post-Event Celebration:

- Street food vans served delicious meals.
- Ice cream van provided a sweet treat.

### Acknowledgment:

- Congratulations to everyone for making the 2024 litter pick a great success!

# Cynaliadwyedd a'r amgylchedd / Sustainability & Environment



## Llwyddiant Ailgylchu Trawsfynydd

### Uchafbwyntiau Gweithredu:

- **Deddf Ailgylchu Newydd:** Cyflwynwyd Ebrill 2024
- **Paratoi:** Cynllun Gwella Ailgylchu Gwastraff Rheoledig
- **Seilwaith:** Biniau ac arwyddion newydd ym mhob swyddfa a chaban
- **Olrhain Gwastraff Rheoledig:** System F-835 ar gyfer gwastraff a reolir

### Statws cyfredol:

- **Tueddiadau Cadarnhaol:** Dangosyddion cynnar yn dangos cyfraddau ailgylchu uwch

### Dyfodol:

- **Cynaliadwyedd:** Ymdrechion yn paratoi'r ffordd ar gyfer dyfodol mwy gwyrdd

## Trawsfynydd's Recycling Success

### Implementation Highlights:

- **New Recycling Law:** Introduced April 2024
- **Preparation:** Controlled Waste Recycling Improvement Plan
- **Infrastructure:** New bins and signage in all offices and cabins
- **Tracking Controlled Waste:** F-835 system for controlled waste



### Current Status:

- **Positive Trends:** Early indicators show increased recycling rates

### Future Outlook:

- **Sustainability:** Efforts paving the way for a greener future

# STEM



Ym mis Gorffennaf, cynhaliodd Traws dros 20 o fyfyrwyr PhD o Ganolfannau Hyfforddiant Doethurol Niwclear.

Nod yr ymweliad oedd eu haddysgu am hanes Traws mewn cynhyrchu trydan a'i hymdrechion datgomisiynu presennol.

Aeth y myfyrwyr ar daith o amgylch y safle, dysgu am y gwaith ddatgomisiynu, ac archwilio cyfleoedd gyrfa gyda NRS.

Yn y flwyddyn acemedaidd yma rydym yn edrych ymlaen at groesawu naw ysgol uwchradd i'r safle ac arddangos y gwaith arloesol a thrawsnewidiol sy'n digwydd yn Nhrawsfynydd

In July, Traws hosted over 20 PhD students from Nuclear Centres of Doctoral Training

The visits aimed to educate the students about Traws's history in electricity generation and its current decommissioning efforts.

The students toured the site, learned about decommissioning work, and explored career opportunities with NRS.

This academic year we're looking forward to welcoming nine secondary schools to the site and showcasing the innovative and groundbreaking work that's taking place at Trawsfynydd



**NRS**  
Nuclear Restoration  
Services

# Cyflawniadau diweddar / Recent achievements



## Uchafbwyntiau Adnewyddu Canolfan Ymwelwyr Trawsfynydd

### Trawsnewid mawr wedi'i gwblhau

- Adnewyddu cynhwysfawr wedi moderneiddio a gwella'r cyfleuster.

### Nodweddion newydd

- Gosod offer TG newydd a WIFI.
- Podiau cyfarfod modern.
- Ardal gyfarfod fawr gyda sgrin arddangos fawr.
- Lle cyfarfod anffurfiol newydd.
- Gwella ystafelloedd cyfarfod presennol.

### Cyfleuster Aml-ddefnydd

- Yn cefnogi cyfarfodydd proffesiynol, sesiynau lles a gweithgareddau cymunedol.
- Lle croesawgar ar gyfer grwpiau cymunedol a chymdeithasol.

### Ardrawiad

- Effaith gadarnhaol a ragwelir ar gyfer Safle Dadgomisiynu Niwclear Trawsfynydd a'r gymuned ehangach.

## Trawsfynydd Visitor Centre Renovation Highlights

### Major transformation completed

- Comprehensive renovation modernised and enhanced the facility.

### New Features

- Installation of new IT equipment and WIFI.
- Modern meeting pods.
- Large meeting area with a big display screen.
- New informal meeting space.
- Improved existing meeting rooms.

### Multi-Use Facility

- Supports professional meetings, wellness sessions, and community activities.
- Welcoming space for community and social groups.

### Impact

- Positive impact anticipated for Trawsfynydd Nuclear Decommissioning Site and the broader community.

# Prosiectau presennol / Current projects

## Diweddariad Cludo Gwastraff Gweithredol Isel

### Adroddiad cynnydd:

- 7fed llwyth wedi'i anfon
- Cyfanswm y llwythi a gynlluniwyd: 14
- Nod diwedd y flwyddyn: Ar y trywydd iawn

### Pwyntiau Allweddol:

- **Statws cyfredol:** Mae hanner y llwythi wedi'u cyflawni
- **Heriau'n goresgyn:** Roedd gan y Tîm Gwastraff broblemau gyda'r system assay drwm am ychydig fisoedd, ond mae bellach yn gweithio eto.
- **Camau nesaf:** Dal ati i anfon llwythi fel y cynlluniwyd i gyrraedd y nod diwedd y flwyddyn.

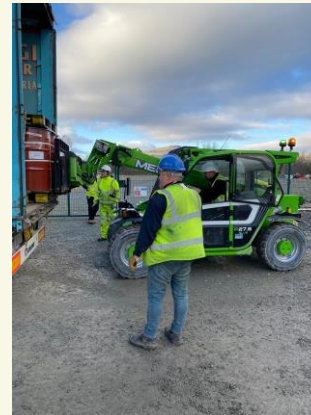
## Low Active Waste Consignment Update

### Progress report:

- 7th Consignment Sent
- Total consignments planned: 14
- Year-End Goal: On Track

### Key Points:

- **Current status:** Half of the consignments are done.
- **Challenges overcome:** The Waste team had problems with the drum assay system for a few months, but it's now fixed and working again.
- **Next steps:** Keep sending consignments as planned to meet the year-end goal.



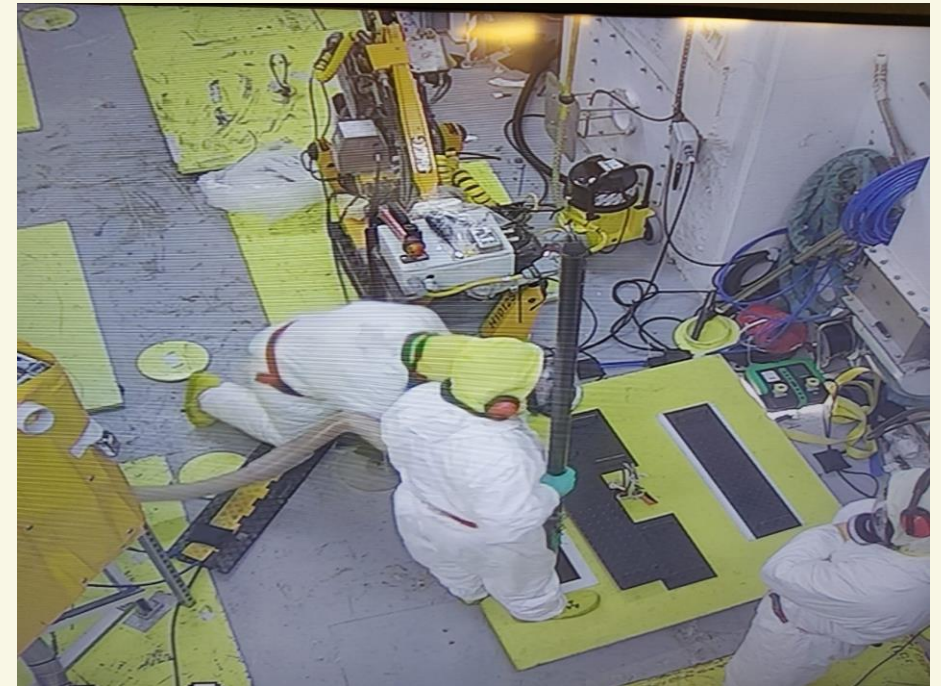
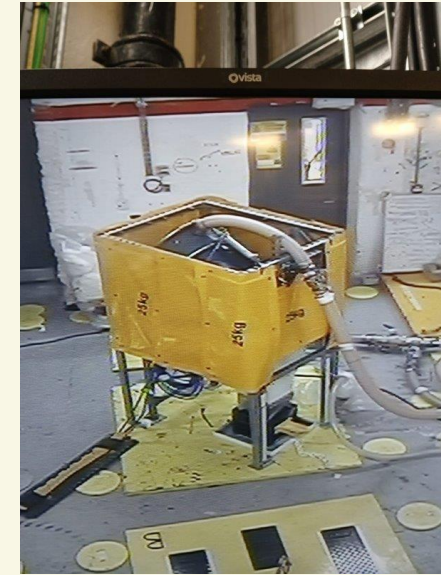
# Prosiectau presennol / Current projects

## South Fuel Element Debris (FED)

- Tîm Gweithrediadau Gwastraff Gweithredol Uchel yn mynd ati i gomisiynu ymgyrch LPW yn y prosiect South FED
- System gwactod pwerus a ddefnyddir i adfer Gwastraff Lefel Ganolradd (ILW) o 16 o gelloedd, gan ganolbwyntio ar lwch, concrid a chydrannau gweithredol.
- Cefnogir gan dimau Peirianeg, Cynnal a Chadw, Diogelwch ac Amddiffyn Ymbelydredd, gan arddangos gwaith tîm ac arloesedd.
- Amcangyfrifir y bydd 16 dryms o wastraff yn cael eu crynhoi a'u storio yn y storfa ILW.
- Mae'r broses yn cyd-fynd â thargedau gwastraff y safle ar gyfer 2024/25.

## South Fuel Element Debris (FED)

- High Active Waste Operations team progressing active commissioning of the LPW campaign in the South FED project.
- Powerful vacuum system used to retrieve Intermediate Level Waste (ILW) from 16 cells, focusing on dust, concrete, and activated components.
- Supported by Engineering, Maintenance, Safety, and Radiation Protection teams, showcasing teamwork and innovation.
- Estimated 16 drums of waste to be encapsulated and stored in the ILW store.
- Process aligns with site's waste targets for 2024/25.



# Prosiectau presennol / Current projects

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## Rheoli asbestos

- Cynnydd sylweddol ar Glanhau Amgylcheddol Asbestos yn yr adweithydd yn Nhrawsfynydd.
- Prosiect hanfodol ar gyfer galluogi lleihau uchder adeiladau adweithyddion.
- Wedin cwblhau glanhau adweithydd islawr de 1.



## Asbestos management

- Significant progress on Asbestos Environmental Cleans in reactor basements at Trawsfynydd.
- Project crucial for enabling height reduction of reactor buildings.
- Cleanup of Safe Store 1 South basement completed.



# Prosiectau presennol / Current projects

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## Cyfleuster carthion newydd

- Mae cynnydd da yn cael ei wneud gyda'r gwaith carthffosiaeth
- Prosiect sydd bron â chwblhau Comisiynu Gweithredol a wnaed dros gyfnod o 3 mis, ac sy'n bodloni gofynion caniatâd rhyddhau
- Y cam nesaf fydd y rhyddhad parhaus o'r offer newydd i'r llyn a throsglwyddo gweithrediadau arferol y cyfleuster i'r safle
- Mae gwaith yn dal i fynd rhagddo i gwblhau cyflwr terfynol y gwaith carthion segur

## New sewage plant

- Good progress is being made with the Sewage plant
- Project nearing completion Active Commissioning which has been undertaken over a period of 3 months, and is meeting discharge consents requirements
- Next phase will be continual discharge from the new plant to the lake and transition of plant to site routine operations
- Work is still progressing to finalise the end state of the redundant sewage plant

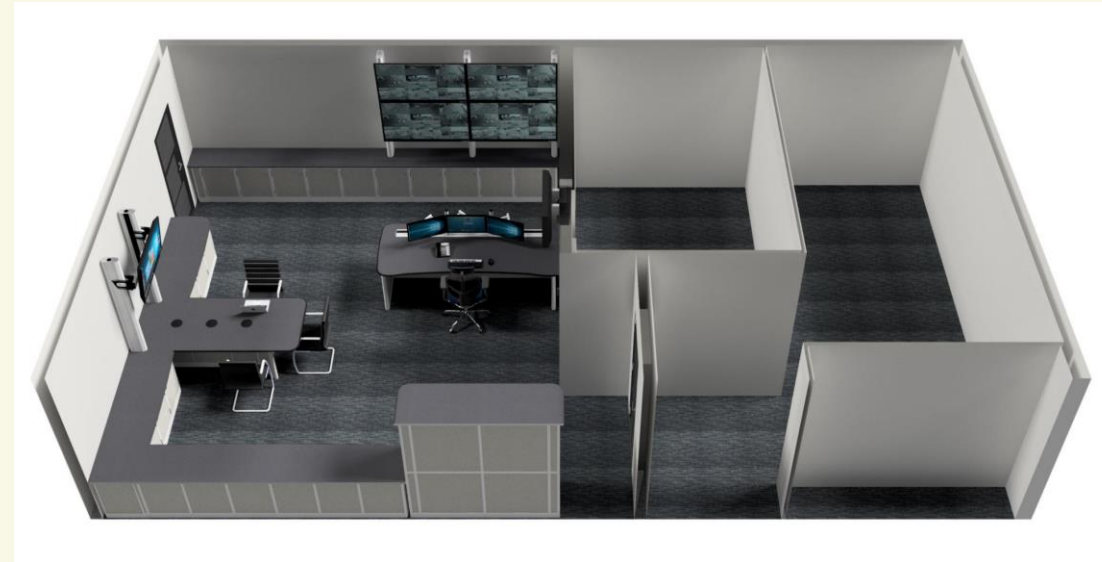


# Prosiectau presennol / Current projects

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## Ad-drefnu Diogelwch y Safle

- Mae gwaith galluogi sifil i osod pibellau gwasanaeth newydd a chypyrddau trydanol maes o amgylch y safle wedi'i gwblhau
- Bydd y tîm Cynnal a Chadw a'r timau Rheoli Cyfleusterau yn cefnogi i gael gwared ar ardal o'r Pwynt Rheoli Mynediad (ACP) fel gwaith galluogi i hwyluso'r prif waith prosiect yn dod i ben ddechrau mis Ionawr 2025.
- Mae dyluniad manwl ar y gweill gyda Gorchymyn Diogelu a phrynu Diogelwch Cyfanswm wedi'i osod ar gyfer clostir â sgôr SR4 (llwybr critigol) ar gyfer yr ardal weithredol newydd gyda rhagamcan gosod ar gyfer mis Chwefror 2025
- Mae cyflwyno'r pecyn gwaith hwn yn parhau i fod yn brosiect heriol i'w gwblhau cynddechrau ar waith Lleihau Uchder Q2 2025



## Site Security Reconfiguration

- Civil enabling works to install new service ducting and field electrical cabinets around the site is complete
- The Maintenance team and Facilities Management teams supporting in stripping out an area of the Access Control Point (ACP) as enabling works to facilitate the main project works is to conclude in early January 2025
- Detail design is in progress with Total Security Protection and purchase order placed for the SR4 rated enclosure (critical path) for the new operational area with installation forecasted for February 2025
- The delivery of this work package remains challenging project to complete before Height Reduction Mobilisation Q2 2025



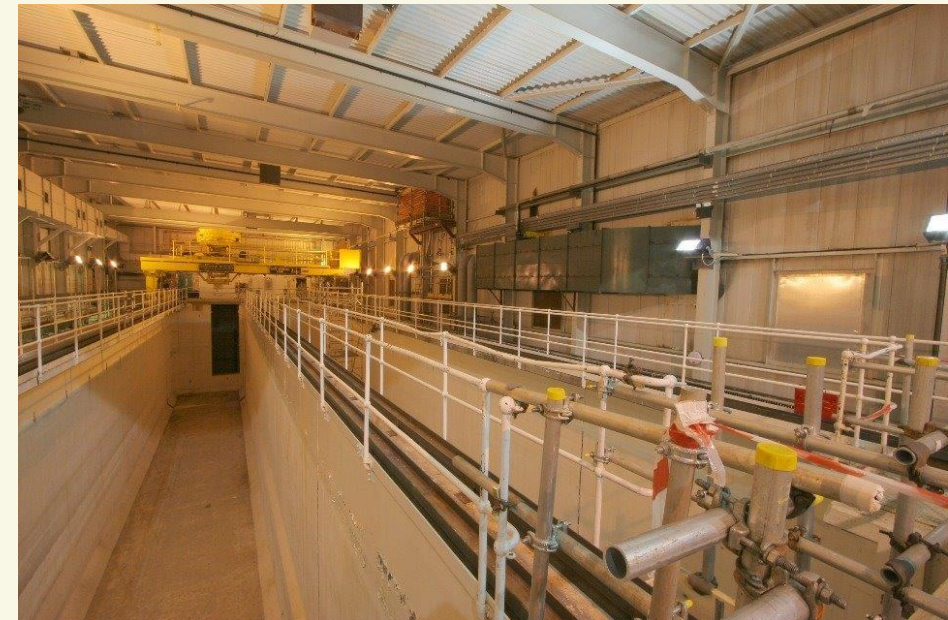
# Prosiectau presennol / Current projects

## Ail-drefnu system gyflenwi drydanol y safle

- Cynnydd sylweddol ar ail-drefnu system gyflenwi drydanol y safle ar gyfer prosiect Lleihau Uchder Adweithydd.
- System drydanol ar gyfer cyfadeilad pyllau a gyflenwir ar hyn o bryd o adeiladau adweithydd; mae angen datgysylltu ar gyfer ynysu.
- Proses ynysu ar amser, disgwylir iddi gael ei chwblhau ym mis Ionawr 2025.
- Cam hanfodol ar gyfer menter lleihau uchder
- Cynllunio a chydlynu helaeth ymhlith timau ar gyfer ad-drefnu trydanol.
- Nod y prosiect yw gwella tirwedd a lleihau effaith weledol y cyfleuster.

## Reconfiguring the site's electrical supply system

- Significant progress on reconfiguring the site's electrical supply system for the Reactor Height Reduction project.
- Electrical system for ponds complex currently supplied from reactor buildings; needs disconnection for isolation.
- Islanding process on schedule, expected completion in January 2025.
- Crucial step for height reduction initiative
- Extensive planning and coordination among teams for electrical reconfiguration.
- Project aims to enhance landscape and reduce visual impact of the facility.



# Prosiectau presennol / Current projects

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## Dymchwel a gwaredu cyfadeiladau y pyllau

### Diweddariad

#### Diweddariad Cais TRWYDDED:

- Cyfarfodydd rheolaidd gyda CNC i drafod amrywiad y trwydded EPR gwaredu ar y safle.
- Cynhaliodd aelodau CNC ac EA, crynodeb o'r cais ac ymweliad safle.

### Ymgysylltiad Rheoleiddio:

- Cytunwyd ar gynllun caniatâd ONR ar gyfer dymchwel a gwaredu cyfadeiladau y pyllau ym mis Mehefin.
- Wedi cychwyn cyfarfodydd ymgysylltu cynnar gydag arbenigwyr technegol ONR:
  - Amcanion nodweddu gwaredu ar y safle.
  - Rheolaethau radiolegol yn ystod dymchwel a gwaredu.

### Peirianeg:

- Capio dyluniad Slab wedi'i gwblhau (o dan ddilysu).
- Gwaith dylunio i gryfhau AETP islawr wedi'i gwblhau.
- Wedi cwblhau gwaith dylunio cryfhau tir pyllau'r de.
- Wedi datblygu gwaith technegol ar gyfer tynnu 4 draen islaw strwythur y pyllau.

### Nodweddion:

- Cefnogaeth gan Atkins ar gyfer Cynlluniau Nodweddu a Samplu.
- Dechreuodd yr ymgyrch samplu i lywio Gwybodaeth Cyn Adeiladu ar gyfer Cyfnod Cynnwys Contractwyr Cynnar.

### Caffael:

- Wedi drafftio strategaeth gaffael ar gyfer ymwneud a chontractwyr cynnar.
- Proses dendro i ddechrau'r flwyddyn nesaf i sicrhau Cyfranogiad Contractwyr Cynnar ar gyfer datblygu cwmpas a chynllun dymchwel alinio â chyfyngiadau amgylcheddol.

## Ponds Complex Demolition & Disposal (PCDD)

### Progress Update

#### PERMIT Application Update:

- Routine meetings with NRW to discuss on-site disposal EPR permit variation.
- Hosted NRW & EA members, provided application summary and site visit.

### Regulatory Engagement:

- ONR permissioning plan for PCDD agreed in June.
- Early Engagement meetings with ONR technical specialists commenced:
  - On-site disposal characterisation objectives.
  - Radiological controls during demolition and disposal.

### Engineering:

- Capping Slab design complete (under verification).
- AETP Basement strengthening works design complete.
- South Ponds land strengthening design complete.
- Technical Scope for removal of 4 drains below Ponds structure developed.

### Characterisation:

- Support from Atkins for Characterisation and sampling plans.
- Initial sampling campaign started to inform Pre-Construction Information for Early Contractor Involvement phase.

### Procurement:

- Procurement strategy drafted for Early Contractor Involvement.
- Tendering process to start next year to secure Early Contractor Involvement for scope development and demolition plan aligned with environmental constraints.

# Prosiectau presennol / Current projects

## Dymchwel a gwaredu cyfadeiladau y pyllau

- Clirio llwyddiannus o claddgelloedd 2 a 3
- Roedd claddgelloedd, a adeiladwyd ym 1976, wedi'u storio mewn resin, slwtsh pwll, a gwastraff lefel ganolradd.
- Gwaith ac offer uwchben y ddaear wedi'u datgomisiynu a'u tynnu'n llawn.
- Claddgelloedd bellach mewn statws "dymchwel-barod"; safle wedi'i ddiogelu a'i gynnal hyd nes y datgymalwyd ymhellach.
- Mae cyflawniad yn amlygu safonau diogelwch a gweithredol trylwyr yn Nhrawsfynydd.
- Mae clirio claddgelloedd yn gam hanfodol yn agenda datgomisiynu ehangach Trawsfynydd.

### BEFORE



## Ponds complex demolition & disposal

- Successful clearing of Resin Vaults 2 & 3
- Vaults, constructed in 1976, stored spent resin, pond sludge, and intermediate-level waste.
- Above-ground plant and equipment fully decommissioned and removed.
- Vaults now in “demolition-ready” status; site secured and maintained until further dismantling.
- Achievement highlights rigorous safety and operational standards at Trawsfynydd.
- Clearance of vaults is a critical step in Trawsfynydd's broader decommissioning agenda.

### AFTER



# Prosiectau presennol / Current projects

## Dymchwel a gwaredu cyfadeiladau y pyllau

### Ymgynghoriad Cyn Cyflwyno Cais Cyhoeddus (PAC):

- **Gofynion:** Rhaid i bob cais cynllunio mawr gael PAC cyn ei gyflwyno'n ffurfiol.
- **Lansiad Ymgynghori:** Rhagfyr disgwyl cadarnhad ar ddyddiad (6 wythnos o hyd).

### Manylion yr ymgynghoriad:

- **Dogfennau Cynllunio Drafft:** Ar gael i'r cyhoedd eu gweld.
- **Hysbysiad:** Bydd ymgynghoreion arbenigol a chymunedol yn cael eu hysbysu.
- **Cyfranogiad:** Yn agored i bawb am adborth ar ddogfennau drafft.

### Pwrpas yr ymgynghoriad:

- **Casglu Adborth:** I ddiweddarau dogfennau cais drafft cyn eu cyflwyno'n ffurfiol.

### Proses Ôl-Ymgynghori:

- **Ceisiadau cynllunio:** Yn fuan yn 2025.
- **Sylwadau Ffurfiol:** Gall partion sydd â diddordeb ac ymgynghoreion gyflwyno sylwadau i'r Awdurdod Cynllunio yn ystod y broses benderfynu

## Ponds Complex Demolition & Disposal

### Public Pre-Application Consultation (PAC):

- **Requirement:** All major planning applications must undergo PAC before formal submission.
- **Consultation Launch:** December awaiting confirmation on date (6-week duration).

### Consultation Details:

- **Draft Planning Documents:** Available for public viewing.
- **Notification:** Specialist and community consultees will be informed.
- **Participation:** Open to everyone for feedback on draft documents.

### Purpose of Consultation:

- **Feedback Collection:** To update draft application documents before formal submission.

### Post-Consultation Process:

- **Planning Application Submission:** Early 2025.
- **Formal Comments:** Interested parties and consultees can submit comments to the Planning Authority during the determination process



# Prosiectau presennol / Current projects

## Gostwng uchder yr adweithydd

Llinell amser gweithgareddau:

Tendrau Cychwynnol:

- Derbyn a sgorio: **Mawrth - Mai 2024**

Archwiliad Masnachol Mewnol:

- Diweddarwyd: **Mai - Awst 2024**

Cyfnod Trafod:

- Diben: Optimeiddio cynigion ar gyfer cyflwyniadau terfynol
- Cyfnod: **Medi - Hydref 2024**

Proses Dendro Terfynol:

- Gwahoddiad wedi'i gyhoeddi: **8 Tachwedd 2024**
- Dychweliadau sy'n ddyledus: **19 Rhagfyr 2024**

Sgorio tendrau terfynol:

- Cyfnod: **Ionawr - canol Chwefror 2025**

Broses Gymeradwyo:

- Sicrwydd, Llywodraethu, a Chymeradwyo Achos Busnes Terfynol:  
**Chwefror - Gorffennaf 2025**

Dyfarnu a Mobileiddio Contract:

- Contractwr yn cychwyn: **Haf 2025**
- Codi craeniai'r tŵr a gwaith corfforol yn dechrau: **Diwedd 2025 / dechrau 2026**

Hyd y Prosiect:

- Rhaglen 3 blynedd o waith



## Reactor Height Reduction - Procurement Phase

Timeline of Activities:

Initial Tenders:

- Received and scored: **March - May 2024**

Internal Commercial Audit:

- Conducted: **May - August 2024**

Negotiation Phase:

- Purpose: Optimize bids for final submissions
- Period: **September - October 2024**

Final Tender Process:

- Invitation issued: **8th November 2024**
- Returns due: **19th December 2024**

Scoring of Final Tenders:

- Period: **January - mid February 2025**

Approval Process:

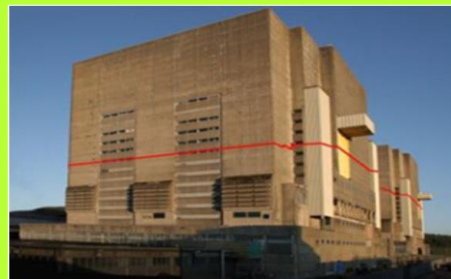
- Assurance, Governance, and Final Business Case approval: **February - July 2025**

Contract Award and Mobilisation:

- Contractor mobilizes: **Summer 2025**
- Tower cranes erected and physical works commence: **Late 2025 / early 2026**

Project Duration:

- **3-year programme of work**



# Prosiectau presennol / Current projects

## Adweithydd Datgomisiynu EIADR

### Trosolwg:

- **EIADR99:** Yn ei gwneud yn ofynnol i safleoedd niwclear gael caniatâd gan ONR ar gyfer datgomisiynu.
- **Yn effeithiol ers 1999:** Mae'n berthnasol i safleoedd sy'n dechrau datgomisiynu ar ôl 1999.

### Statws presennol:

- **Newid Strategaeth Trawsfynydd:** Newid i Adweithydd Datgymalu yn gofyn am gydsyniad.
- **Camau NRS:** Cynhyrchu Asesiad Effaith Amgylcheddol (EIA) ar gyfer adweithydd sy'n datgomisiynu i glirio safle terfynol.

### Proses EIA:

1. Adroddiad cwmpasu:
  - Nodi ffactorau amgylcheddol i'w hystyried.
  - Cyflwyniad i ONR: **Chwefror 2025.**
2. Datganiad Amgylcheddol (ES):
  - Manylion lliniaru effeithiau amgylcheddol negyddol sylweddol.
  - Cyflwyniad i ONR: **Gorffennaf 2026.**

### Cynnwys rhanddeiliaid:

- **Ymgynghoriad SSG:** Bydd ONR yn gofyn am sylwadau ar yr Adroddiad Cwmpasu ac ES.
- **Pwysigrwydd:** Sicrhau bod ffactorau amgylcheddol sy'n bwysig i randdeiliaid yn cael sylw.

## Reactor Decommissioning EIADR

### Overview:

- EIADR99:** Requires nuclear sites to obtain consent from ONR for decommissioning.
- Effective Since 1999:** Applies to sites starting decommissioning post-1999.

### Current Status:

- Trawsfynydd Strategy Change:** Shift to Reactor Dismantling necessitates consent.
- NRS Actions:** Production of an Environmental Impact Assessment (EIA) for reactor decommissioning to final site clearance.

### EIA Process:

#### 1.Scoping Report:

1. Identifies environmental factors to be considered.
2. Submission to ONR: **February 2025.**

#### 2.Environmental Statement (ES):

1. Details mitigation of significant negative environmental impacts.
2. Submission to ONR: **July 2026.**

### Stakeholder Involvement:

- SSG Consultation:** ONR will seek comments on the Scoping Report and ES.
- Importance:** Ensures environmental factors important to stakeholders are addressed.

# Progress update on reactor inspections

Defnyddio cŵn robotig, SPOT, yn llwyddiannus o fewn bioshield Trawsfynydd i gasglu delweddau LIDAR a fideo ar gyfer datgomisiynu.

## Partneriaid Allweddol:

- **Sellafield:** Darparu robotiaid a chefnogaeth.
- **Sefydliad Roboteg Rhydychen:** Sicrhau effeithiolrwydd mewn amgylcheddau heriol.
- **Altrad:** Amgaead asbestos wedi'i osod.
- **Element:** Dadansoddi asbestos
- **Tîm Ffiseg Iechyd Nuvia a NRS:** Diogelwch wedi'i fonitro.
- **Tîm Ehangach:** Cefnogaeth barhaus.

## Heriau ac Atebion:

- Materion cysylltedd

## Canlyniadau Cadarnhaol:

- **Siwtiau Effeithiol:** Wedi gwarchod SPOT, gan ganiatáu allanfa ddiogel.
- **Cyfraddau dos is:** Lefelau ymbelydredd is na'r disgwyl wedi'u datgelu.
- **Cynaliadwyedd ac Arloesedd:** Dangos potensial ar gyfer atebion cynaliadwy ac arloesol wrth reoli safleoedd niwclear.

## Ardrawiad:

- Amlygodd bŵer trawsnewidiol technoleg a chydweithio wrth gyflawni nodau datgomisiynu cynaliadwy.

Successful deployment of SPOT robotic dogs within Trawsfynydd's bioshield to collect LIDAR and video imagery for decommissioning.

## Key Collaborators:

- **Sellafield:** Provided robots and support.
- **Oxford Robotics Institute:** Ensured effectiveness in challenging environments.
- **Altrad:** Installed asbestos enclosure.
- **Element:** Conducted asbestos analysis.
- **Nuvia and NRS Health Physics Team:** Monitored safety.
- **Wider Site Team:** Continuous support.

## Challenges & Solutions:

- **Connectivity Issues**

## Positive Outcomes:

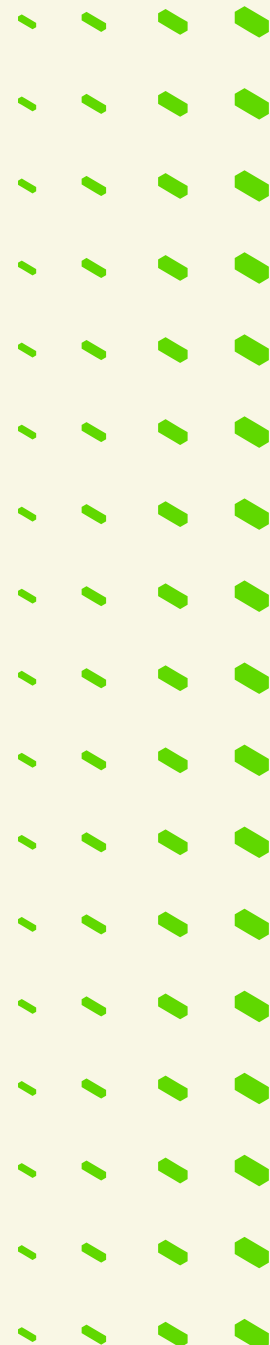
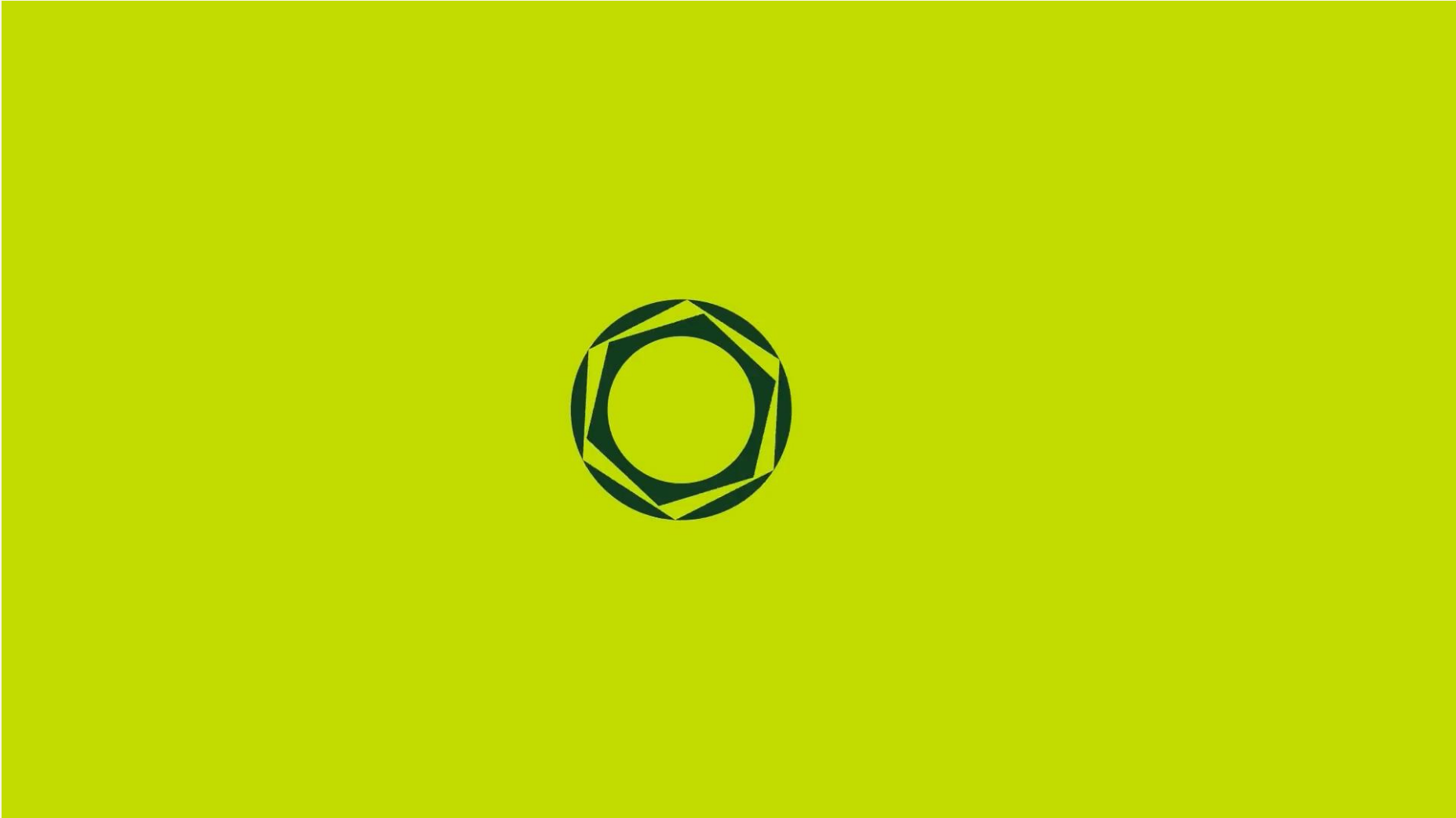
- **Effective Suits:** Protected SPOT, allowing safe exit.
- **Lower Dose Rates:** Revealed lower-than-expected radiation levels.
- **Sustainability & Innovation:** Demonstrated potential for sustainable and innovative solutions in nuclear site management.

## Impact:

- Highlighted the transformative power of technology and collaboration in achieving sustainable decommissioning goals.

# Progress update on reactor inspections

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# Edrych ymlaen/ Looking ahead

## Gorsaf Hydro Maentwrog o dan reolaeth Trawsfynydd

### Trosolwg:

- Mae rheolaeth Gorsaf Hydro Maentwrog wedi dod drosodd o Wylfa i Drawsfynydd.
- Newid oherwydd agosrwydd Trawsfynydd am gefnogaeth well.

### Buddion:

- Gwell rheolaeth adnoddau.
- Gwella effeithlonrwydd gweithredol.

### Gweithredoliant:

- Mae'r newid wedi digwydd yr wythnos hon.
- Negeseuon e-bost newydd i bawb:
  - Traws-Maentwrog All Users
  - Wylfa-All Users

### Cydnabyddiaethau:

- Gwerthfawrogiad o waith tîm Maentwrog.
- Dymuniadau gorau gan staff Wylfa, SJC, a Site HESAC.



## Transition of Maentwrog Hydropower Station Management

### Transition Overview:

- Maentwrog Hydropower Station management is transitioning from Wylfa to Trawsfynydd.
- Change due to Trawsfynydd's proximity for better support.

### Benefits:

- Improved resource management.
- Enhanced operational efficiency.

### Implementation:

- Transition took place this week.
- New all-users emails:
  - Traws-Maentwrog All Users
  - Wylfa-All Users

### Acknowledgements:

- Appreciation for Maentwrog team's work.
- Best wishes from Wylfa staff, SJC, and Site HESAC.

# Edrych ymlaen/ Looking ahead



## North FED

Unwaith y bydd prosiect South FED wedi'i gwblhau, bydd y broses yn cael ei hailadrodd yn y North FED.

## North FED

Once the South FED project is completed, the process will be repeated in the North FED.



# Diweddariad economiadd-gymdeithasol / Socio-economic update

# ITERA-lite Adventure Race

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- Cynhaliodd Gogledd Cymru Ras Antur ITERA, ras antur amlddisgyblaeth 2-3 diwrnod, ym mis Gorffennaf.
- Gwasanaethodd Trawsfynydd fel canolfan bontio i dimau, gan ddarparu sylfaen berffaith ar gyfer y digwyddiad.
- Roedd Ras Antur ITERA-lite 2024 yn cynnwys tua 160 o gyfranogwyr o wledydd gan gynnwys UDA, Awstralia, Seland Newydd, Canada, Hong Kong, a De Affrica.
- Defnyddiwyd y cyfranogwyr y ganolfan ymwelwyr Trawsfynydd, mannau awyr agored, a'r llyn yn ystod y cyfnod.
- Diolch yn arbennig i dîm Traws am gynnal a hyrwyddo Cymru fel cyrchfan ar gyfer chwaraeon eithafol.

- North Wales hosted the Ras Antur ITERA, a 2-3 day multi-discipline adventure race, in July.
- Trawsfynydd served as a transition hub for teams, providing a perfect base for the event.
- ITERA-lite Adventure Race 2024 featured around 160 participants from countries including the USA, Australia, New Zealand, Canada, Hong Kong, and South Africa.
- Participants accessed Trawsfynydd's visitor centre, outdoor spaces, and lake during one stage.
- Special thanks to the Traws team for hosting and promoting Wales as a destination for extreme sports.



[Clic | Ras Antur ITERA | 20 September 2024 \(s4c.cymru\)](https://s4c.cymru)

# Diweddariad economaidd-cymdeithasol NRS / NRS Socio-economic update

## Ymddiriedolaeth Rheilffordd Llyn Tegid - 'Prosiect y Ddraig Goch'

- **Datblygiad mawr:** Cymeradwyo caniatâd cynllunio ar gyfer estyniad gwerth £4m i ganol tref Y Bala.
- **Cyllid NRS:** £98,515 dros y blynyddoedd wedi bod yn hanfodol wrth oresgyn heriau technegol a rheoleiddiol.
- **Ymweliad Hydref:** Croesawodd yr Ymddiriedolaeth NDA, cydweithwyr NRS, Cadeirydd SSG, ac Is-gadeirydd i werthfawrogi cyllid economaidd-gymdeithasol.
- **Taith y Llwybr:** Dan arweiniad y Cadeirydd Julian Birley, arddangoswyd y llwybr ymestyn a'r gwaith uwchraddio amddiffynfeydd rhag llifogydd gwerth £6.5m gan Cyfoeth Naturiol Cymru.
- **Gwaith peirianeg:** Peirianeg sifil ychwanegol wedi'i ymgorffori, gan alluogi bron i draean o'r llwybr i gael ei osod unwaith y bydd cyllid wedi'i sicrhau.

## The Bala Lake Railway Trust's 'Red Dragon Project'

- **Major breakthrough:** Planning permission approved for £4m extension into Bala town centre.
- **NRS funding:** £98,515 over the years has been crucial in overcoming technical and regulatory challenges.
- **October visit:** Trust welcomed NDA, NRS colleagues, SSG Chair, and Vice Chair to appreciate socio-economic funding.
- **Route tour:** Led by Chairman Julian Birley, showcasing the extension route and £6.5m flood defence upgrade by Natural Resources Wales.
- **Engineering work:** Additional civil engineering incorporated, enabling almost a third of the route to be laid once funding is secured.



# Cyllid Cymydog da / Good Neighbour funding

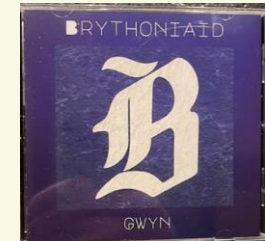
## Côr Cor y Brythoniaid:

- Derbyniwyd £2,000 o nawdd gan cynllun cymdog da NRS.
- Cynhyrchu dau CD i ddathlu 60 mlynedd Côr Meibion Blaenau Ffestiniog.
- Hyrwyddo cerddoriaeth, iaith a diwylliant Cymraeg.
- Gwella lles ac iechyd meddwl aelodau a dilynwyr.



## Cor y Brythoniaid Choir:

- Received £2,000 good neighbour funding.
- Producing two CDs to celebrate 60 years of the Blaenau Ffestiniog Male Voice Choir.
- Promotes music, language, and Welsh culture.
- Enhances wellbeing and mental health of members and followers.



# Cyllid Cymydog da / Good Neighbour funding

## Clwb Cenedlaethol Tractor ac Injan Genedlaethol Meirionnydd (NVTEC):

- Derbyniodd £1,000 ar gyfer gazebo brand NRS.
- Yn gwella ymwybyddiaeth clybiau mewn digwyddiadau lleol gydag arddangosfeydd vintage.



## Meirionnydd National Vintage Tractor & Engine Club (NVTEC):

- Received £1,000 for an NRS branded gazebo.
- Enhances club awareness at local events with vintage displays.

# Trawsfynydd Environmental Monitoring Programme Review

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Adolygiad Rhaglen  
Gwyliadwriaeth  
Amgylcheddol  
Trawsfynydd

2024

12/12/24



**NRS**  
Nuclear Restoration  
Services

# Rhaglen Gyfredol/Current Programme

| Sample Type                  | Frequency & Total No. Sample Locations |     |
|------------------------------|----------------------------------------|-----|
|                              | Frequency                              | No. |
| <b>Aquatic</b>               |                                        |     |
| Fish (Brown & Rainbow Trout) | Quarterly                              | 2   |
| Lake Edge Sediment           | Biannual                               | 4   |
| Lake Bed Sediment            | Annual                                 | 2   |
| Water Sampling               | Monthly                                | 2   |
| River Moss                   | Quarterly                              | 2   |
| <b>Terrestrial</b>           |                                        |     |
| Boreholes                    | Quarterly                              | 4   |
| Herbage                      | Annual                                 | 5   |
| TLD                          | Quarterly                              | 18  |
| Gamma Dose-rate              | Biannual                               | 4   |



# Revised Programme

| Sample Type                          | Frequency & No. Sample Locations |     |
|--------------------------------------|----------------------------------|-----|
|                                      | Frequency                        | No. |
| <b>Aquatic</b>                       |                                  |     |
| Fish (Rainbow Trout and Brown Trout) | Annual                           | 2   |
| Lake Edge Sediment                   | Biannual                         | 4   |
| Water Sampling                       | Quarterly                        | 2   |
| River Moss                           | Annual                           | 1   |
| <b>Terrestrial</b>                   |                                  |     |
| Boreholes                            | Quarterly                        | 4   |
| Herbage                              | Annual                           | 5   |
| TLD                                  | Quarterly                        | 18  |
| Gamma Dose-rate                      | Biannual                         | 4   |

## Summary of changes:

- Rainbow Trout sampled three times a year (to reflect the fishing open season), Brown Trout sampled once per year (due to the lack of availability).
- The existing Lake Edge Sediment sampling will continue. However, Lake Bed Sediment sampling will cease due to lake edge sampling providing adequate information and disproportionate risk to operators collecting bed samples.
- Sampling of river moss will continue at Afon Tafarn-helyg once per year, but sampling up stream on the Afon Prysor will cease due to safety risk entering water and tenuous mechanism for site activity to be present upstream.
- Gamma dose rates from spot samples are comparable to background levels. Therefore, gamma dose rate sampling will be reduced to four sample locations twice per year, two at the lake edge and two in the environment.
- Lake water sampling is to be reduced from monthly to quarterly at the existing locations since the activity levels over the last 5 years have been very low with little variability.

# Rhaglen Diwygiedig

| Sample Type                          | Frequency & No. Sample Locations |     |
|--------------------------------------|----------------------------------|-----|
|                                      | Frequency                        | No. |
| Aquatic                              |                                  |     |
| Fish (Rainbow Trout and Brown Trout) | Annual                           | 2   |
| Lake Edge Sediment                   | Biannual                         | 4   |
| Water Sampling                       | Quarterly                        | 2   |
| River Moss                           | Annual                           | 1   |
| Terrestrial                          |                                  |     |
| Boreholes                            | Quarterly                        | 4   |
| Herbage                              | Annual                           | 5   |
| TLD                                  | Quarterly                        | 18  |
| Gamma Dose-rate                      | Biannual                         | 4   |

Crynodeb o'r newidiadau:

- Brithyll Seithliw i'w samplo dair gwaith y flwyddyn (i gyd fynd a'r tymor pysgota agored).  
Brithyll Brown i'w samplo unwaith y flwyddyn (diffyg argaeledd).
- Bydd samplu Gwaddod Ymyl y Llyn yn parhau. Fodd bynnag, bydd samplu Gwaddod Gwely y Llyn yn dod i ben gan bod gwybodaeth digonol i'w gael o samplau ymyl y llyn ac mae perygl anghymesur i'r gweithwyr sydd yn casglu samplau o wely'r llyn.
- Bydd samplu y mwsog afon yn parhau yn Afon Tafarn-helyg unwaith y flwyddyn, ond bydd samplu i fyny'r afon yn Afon Prysor yn dod i ben oherwydd y perygl o gael mynediad i'r dŵr a'r dulliau ansylweddol i weithgaredd i fod yn bresennol i fyny'r afon.
- Mae cyfraddau dôs Gamma o samplau smotyn yn gyffelyb a lefelau cefndir. Felly, bydd samplau dôs Gamma yn gostwng i bedwar lleoliad dwy waith y flwyddyn, dau ar ymyl y llyn a dau yn yr amgylchedd.
- Mae samplu dŵr y llyn i'w newid o'i wneud yn fisol i chwarterol yn y lleoliadau presennol gan bod lefelau actifedd dros y 5 mlynedd ddiwethaf wedi bod yn isel

**Unrhyw gwestinyau?**  
**Any questions?**

