



Gwasanaeth Ynni
Energy Service

Climate Innovation – DATGLOI – Arloesi Hinsawdd

Briefing event – Digwyddiad Briffio

20/08/2026 12:00 – 12:30



Agenda

1. Cyflwyniad i Arloesi Hinsawdd a DATGLOI
2. Themâu
3. Y Broses Ymgeisio
4. Cyflawni
5. Caffael
6. Fframwaith Contractau Arloesi
7. Cyflwyno eich cais
8. DATGLOI – Sesiwn Ddilynol i Ymgeiswyr ar 3 Medi

<https://www.llyw.cymru/cronfa-arloesi-hinsawdd-datgloi-canllawiau>

<https://www.llyw.cymru/cronfa-arloesi-hinsawdd-datgloi-ffurflen-gais>

1. Introduction to Climate Innovation and DATGLOI
2. Themes
3. Application
4. Delivery
5. Procurement
6. Contracts for Innovation framework
7. Submitting your application
8. DATGLOI Follow up – Surgery on 3rd September

<https://www.gov.wales/climate-innovation-fund-datgloi-guidance>

<https://www.gov.wales/climate-innovation-fund-datgloi-application-form>

Cyflwyniad i Arloesi Hinsawdd

Beth yw Arloesi Hinsawdd?

- Rhaglen arloesi Llywodraeth Cymru i fynd i'r afael â heriau hinsawdd cymhleth.
- Fe'i sefydlwyd i brofi a datblygu dulliau newydd lle nad yw polisïau, cyllid neu farchnadoedd presennol yn ddigonol.
- Mae'n cefnogi cydweithio ar draws y llywodraeth, gwasanaethau cyhoeddus, y byd academiaidd, diwydiant a chymunedau.
- Mae'n canolbwyntio ar gynhyrchu tystiolaeth ymarferol, modelau cyflawni ac atebion a all lywio penderfyniadau yn y dyfodol.

Pam DATGLOI?

- Mae DATGLOI yn golygu "datgloi".
- Fe'i cynlluniwyd i ddatgloi atebion ymarferol i heriau sy'n anodd eu datrys drwy ddulliau confensiynol.
- Mae'n cefnogi parodrwydd Cymru ar gyfer Cyllideb Garbon 4 a'i hymrwymiaadau hirdymor ar gyfer yr hinsawdd a natur.
- Mae'n adeiladu ar y gwersi a ddysgwyd o raglenni Arloesi Hinsawdd blaenorol, gan gynnwys WSRID a HYBRID.

Introduction to Climate Innovation

What is Climate Innovation?

- Welsh Government's innovation programme for tackling complex climate challenges.
- Established to test and develop new approaches where existing policy, funding or markets are insufficient.
- Supports collaboration across government, public services, academia, industry and communities.
- Focuses on generating practical evidence, delivery models and solutions that can inform future decision making.

Why DATGLOI?

- DATGLOI means "unlock".
- Designed to unlock practical solutions to challenges that are difficult to address through conventional approaches.
- Supports Wales' readiness for Carbon Budget 4 and longer-term climate and nature commitments.
- Builds on learning from previous Climate Innovation programmes including WSRID and HYBRID.

DATGLOI

Beth yw DATGLOI?

- Rhaglen Arloesi Hinsawdd Llywodraeth Cymru ar gyfer 2026-2027.
- Cyfanswm y cyllid sydd ar gael: £750,000.
- Senario Cyllido Is: hyd at £125,000.
- Senario Cyllido Uwch: hyd at £250,000.
- Prosiectau i'w cyflawni erbyn mis Mawrth 2027.

Beth ydyn ni'n chwilio amdano?

Prosiectau sy'n:

- Mynd i'r afael â heriau hinsawdd sylweddol.
- Cynhyrchu tystiolaeth ymarferol a gwersi i'w dysgu.
- Datblygu modelau cyflawni neu lwybrau gweithredu.
- Gallu llywio polisi, buddsoddiad a chyflwyno yn ehangach yn y dyfodol.
- Dangos cydweithrediad ystyrlon.

What is DATGLOI?

- Welsh Government Climate Innovation Programme for 2026-2027.
- Total funding available: £750,000.
- Lower Funding Scenario: up to £125,000.
- Higher Funding Scenario: up to £250,000.
- Projects delivered by March 2027.

What are we looking for?

Projects that:

- Address significant climate delivery challenges.
- Generate practical evidence and learning.
- Develop delivery models or implementation pathways.
- Can inform future policy, investment and wider roll-out.
- Demonstrate meaningful collaboration.

Themâu

Rhaid i ymgeiswyr fynd i'r afael ag un neu fwy o bedair thema DATGLOI:

Datgarboneiddio coedwigaeth a'r sector pren

Cefnogi Strategaeth Ddiwydiannol ar gyfer Pren a datblygu cadwyn gyflenwi pren domestig.

Treuliad anaerobig amaethyddol

Cefnogi heriau trawsnewid cynaliadwy amaethyddol a rheoli maetholion.

Hybiau trafndiaeth a gwefru a rennir

Cefnogi ehangu seilwaith gwefru a modelau gwefru a rennir.

Systemau data hinsawdd a charbon integredig

Cefnogi gwneud penderfyniadau a arweinir gan dystiolaeth a systemau adrodd hinsawdd integredig

Themes

Applicants must address one or more of the four DATGLOI themes:

Forestry and timber sector decarbonisation

Support Timber Industrial Strategy and domestic timber supply chain development.

Agricultural anaerobic digestion

Support sustainable agricultural transition and nutrient management challenges.

Shared transport and charging hubs

Support charging infrastructure expansion and shared charging models.

Integrated carbon and climate data systems

Support evidence-led decision making and integrated climate reporting systems

1. Forestry & Timber Sector Decarbonisation

The problem to solve?	Outcome?	Why?
• Route to decarbonisation of forestry sector is currently not clear. • How green energy can replace diesel machinery/vehicles.	• Regulator-endorsed demonstrator model for forestry-linked green hydrogen or electrification in supply chain. • Clear guidance on planning routes, environmental safeguards, investment structures.	• Tech exists, but system of deployment does not, and needs innovation mindset to change. • Innovation would be institutional and delivery-focused, as well as combination of technologies/engineering.

2. Enabling Agricultural Anaerobic Digestion (AD) at scale

The problem to solve?	Outcome?	Why?
• Explore how AD in agriculture at scale looks in practice. • Currently shared by multiple policy teams in WG.	• 1 or 2 regulator-approved models for AD at scale, with clear guidance on planning routes, environmental safeguards, investment structures. • Recommended next steps beyond 2026-2027.	• Tech exists, but system of deployment does not. • Innovation here is institutional and delivery focussed.

3. Developing shared transport and charging hubs

The problem to solve?	Outcome?	Why?
• Charging infrastructure has been a barrier to roll-out of transition to EVs in public sector. • Missed opportunities to coordinate and share infrastructure.	• Two or more replicable 'hub blueprints' with clear guidance and suggested next steps. • 2-3 place-based charging hub pilots, clear governance models, evidence on grid, cost, uptake impacts	• Innovation lies in the place-based delivery and resolving coordination challenge – Shared use models: private/public fleets, integration with LAEPs, grid flexibility, etc.

4. Integrated Government systems carbon & climate related data for evidence building

The problem to solve?	Outcome?	Why?
- Carbon and climate-related data in Wales are fragmented, inconsistent and slow, limiting their usefulness for real policy, investment and delivery decisions. - Current approaches focus on organisational reporting rather than integrated, place based and cross sector decision support, constraining action as we approach Carbon Budget 4.	- A tested foundation for a national, integrated carbon and climate evidence framework. - WG-assured, standardised metrics across priority sectors. - A working digital prototype demonstrating integrated carbon, spatial and adaptation data to support live decisions.	- Innovative re-designing of public-sector data infrastructure so that climate action is faster, better targeted, and more accountable. - The Welsh Public Sector Net Zero Carbon Reporting Guide currently only addresses organisational reporting, not integrated decision-support across sectors, places, and policy domains.

Y broses ymgeisio

Sefydliadau cymwys fel Ymgeiswyr Arweiniol:

- Cyd-bwyllgorau Corfforedig Cymru, Bargeinion Dinesig a Chyrff Twf Rhanbarthol.
- Cyrff Rhanbarthol a Chenedlaethol GIG Cymru a Phartneriaethau Gwasanaethau a Rennir.

Disgwylir i Ymgeiswyr Arweiniol ddarparu'r trefniadau llywodraethu, atebolwydd a chaffael sy'n angenrheidiol i gyflawni prosiectau a ariennir yn llwyddiannus a rheoli'r cyllid grant ar ran y prosiect. **Anogir Ymgeiswyr Arweiniol yn gryf i gydweithio â sefydliadau sector cyhoeddus perthnasol, gan gynnwys awdurdodau lleol, sefydliadau eraill GIG Cymru, prifysgolion a rhanddeiliaid eraill, lle bo'n briodol.**

Dylai ymgeiswyr ddangos bod ganddynt y capasiti, y gallu a'r trefniadau llywodraethu angenrheidiol i gyflawni'r prosiect arfaethedig a rheoli unrhyw weithgareddau caffael sy'n ofynnol ar ôl dyfarnu'r grant.

Application

Eligible organisations for Lead Applicants:

- Welsh Corporate Joint Committees (CJCs), City Deals and Regional Growth Bodies
- NHS Wales Regional, National Bodies & Shared Services Partnership.

Lead Applicants are expected to provide the governance, accountability and procurement arrangements necessary to successfully deliver funded projects and manage grant funding on behalf of the project. **Lead Applicants are strongly encouraged to collaborate with relevant public sector organisations, including local authorities, other NHS Wales organisations, universities and other stakeholders, where appropriate.**

Applicants should demonstrate that they have the capacity, capability and governance arrangements necessary to deliver the proposed project and manage any procurement activities required following grant award.



Cyflawni

Bydd disgwyl i ymgeiswyr llwyddiannus:

- Rheoli cyllid grant.
- Sefydlu llywodraethiant y prosiect.
- Rheoli risgiau ac adrodd.
- Cydlynw rhanddeiliaid a chydweithwyr.
- Cyflawni'r canlyniadau y cytunwyd arnynt erbyn mis Mawrth 2027.

Yr hyn rydyn ni eisiau ei weld?

- Cynllun prosiect clir.
- Dull cyflawni realistig.
- Strwythur llywodraethu diffiniedig.
- Tystiolaeth o ymrwymiad sefydliadol.
- Ymrwymiad gan gydweithwyr.

Cwestiynau asesu

- A yw'n mynd i'r afael â themâu DATGLOI?
- A yw cydweithredu a'r gallu i ehangu yn cael ei ystyried?
- A ellir cyflawni'r prosiect hwn mewn pryd?

Delivery

Successful applicants will be expected to:

- Manage grant funding.
- Establish project governance.
- Manage risks and reporting.
- Coordinate stakeholders and collaborators.
- Deliver agreed outcomes by March 2027.

What we want to see?

- Clear project plan.
- Realistic delivery approach.
- Defined governance structure.
- Evidence of organisational commitment.
- Commitment from collaborators.

Assessment questions

- Are the DATGLOI themes addressed?
- Is collaboration and scalability considered?
- Can this project realistically be delivered in time?

Caffael

Mae parodrwydd caffael yn ofyniad allweddol.

Dylai ymgeiswyr:

- Ymgysylltu â thimau caffael cyn cyflwyno cais.
- Nodi llwybr caffael o ddewis.
- Byddwch yn barod i ddechrau caffael ar ôl dyfarniad.
- Cyflwyno manyleb gaffael drafft.

Mae parodrwydd caffael yn golygu:

- Bod cydweithwyr caffael yn ymwybodol o'r cynnig.
- Deall y llwybr caffael.
- Wedi ystyried llinellau amser.
- Ni nodwyd unrhyw rwystrau sylweddol.

Cwestiynau asesu

A ymgynghorwyd â thîm caffael yr ymgeisydd cyn gwneud cais?

A all caffael ddechrau yn gyflym os dyfernir cyllid?

Procurement

Procurement readiness is a key requirement.

Applicants should:

- Engage procurement teams before submission.
- Identify a preferred procurement route.
- Be ready to commence procurement following award.
- Submit a draft procurement specification.

Procurement readiness means:

- Procurement colleagues are aware of the proposal.
- Procurement route understood.
- Timelines considered.
- No significant barriers identified.

Assessment questions

Has the applicant's procurement team been consulted prior application?

Can procurement start quickly if funding is awarded?

Fframwaith Contractau Arloesi

Beth yw Contractau Arloesi?

- [Fframwaith caffael UKRI](#).
- Cefnogi ymchwil a datblygu arloesol.
- Llwybr caffael ar gyfer prosiectau DATGLOI.

Ar gyfer beth mae wedi'i gynllunio?

- Nid yw atebion caffael presennol yn ddigonol.
- Mae angen ymchwil neu ddatblygu pellach.
- Mae angen cynhyrchu tystiolaeth a'r hyn a ddysgwyd.

Manteision

- Cefnogi arloesedd a lleihau risg.
- Darparu llwybr caffael strwythuredig.
- Galluogi profi dulliau newydd.

Beth sydd angen i ymgeiswyr ei wneud

- Adolygu'r fframwaith Contractau Arloesi.
- Trafod gyda chydweithwyr caffael.

Contracts for Innovation Framework

What is Contracts for Innovation (Cfi)?

- [UKRI procurement framework](#).
- Supports innovative research and development.
- Procurement route for DATGLOI projects.

What is it designed for?

- Existing procurement solutions are not sufficient.
- Further research or development is needed.
- Evidence and learning need to be generated.

Benefits

- Supports innovation & reduces risk.
- Provides structured procurement route.
- Enables testing of new approaches.

What applicants need to do

- Review the Cfi framework.
- Discuss with procurement colleagues.



Cyflwyno'ch Cais

Submitting Your Application

Dyddiadau Allweddol

Key Dates

Gweithgaredd	Date / Dyddiad	Activity
Gweithgaredd	18/08/2026 12:00-13:00	Programme Launch
Lansio'r Rhaglen	20/08/2026 12:00-12:30	Briefing Session
Sesiwn Briffio	03/09/2026 14:00-16:00	Applicant Surgery
Sesiwn Ddilynol i Ymgeiswyr	30/09/2026 23:59	Application Deadline
Dyddiad Cau ar gyfer Ceisiadau	10/2026	Interviews / Presentations
Cyllid wedi'i ddyfarnu	10/2026	Funding awarded
Caffael Cyflenwr Prosiect	10/2026	Project Supplier Procurement
Cwblhau'r Prosiect	03/2027	Project Completion

Cyflwyno

Anfonwch geisiadau wedi'u cwblhau at:
arloesi@sawdd@gwasanaethynni.cymru

Submission

Send completed applications
to: climateinnovation@energyservice.wales 14



Sesiwn Gymorth DATGLOI ar 3 Medi

Pwrpas y sesiwn gymorth:

- Trafod datblygu syniadau prosiect.
- Esbonio gofynion ymgeisio.
- Archwilio cwestiynau caffael.
- Deall Contractau ar gyfer Arloesi.
- Gofyn am adborth cyn ei gyflwyno.

Dewch â:

- Cysyniadau cynnar ar gyfer y prosiect.
- Cwestiynau caffael.
- Syniadau cydweithio.
- Cwestiynau am gymhwysedd, cwrpas neu gyllid.

Canlyniad - Dylai ymgeiswyr adael gyda:

- Mwy o hyder yn eu cynnig.
- Dealltwriaeth glir o'r gofynion.
- Camau ymarferol nesaf ar gyfer cyflwyno.

DATGLOI Surgery on 3rd September

Purpose of the surgery session:

- Discuss developing project ideas.
- Clarify application requirements.
- Explore procurement questions.
- Understand Contracts for Innovation.
- Seek feedback before submission.

Bring:

- Early project concepts.
- Procurement questions.
- Collaboration ideas.
- Questions on eligibility, scope or funding.

Outcome - Applicants should leave with:

- Greater confidence in their proposal.
- Clear understanding of requirements.
- Practical next steps for submission.



DATGLOI yn gryno

Nod DATGLOI yw datgloi atebion ymarferol, cydweithredol sy'n canolbwyntio ar gyflawni, i rai o heriau hinsawdd mwyaf cymhleth Cymru, gan helpu i baratoi Cymru ar gyfer Cyllideb Garbon 4 a thu hwnt.

Diolch am gymryd rhan, rydym yn edrych ymlaen at dderbyn eich ceisiadau.

<https://www.llyw.cymru/cronfa-arloesi-hinsawdd-datgloi-canllawiau>

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DATGLOI in a nutshell

DATGLOI aims to unlock practical, collaborative and delivery-focused solutions to some of Wales' most complex climate challenges, helping prepare Wales for Carbon Budget 4 and beyond.

Thanks for participating, we are looking forward to your applications.

<https://www.gov.wales/climate-innovation-fund-datgloi-guidance>

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