

FUNDING INNOVATION FOR NET ZERO

IN THIS EDITION

- ▶ New this month
- ▶ While there is still time

The Hydrogen and Advanced Technologies branch in the Department for the Economy has created this regular newsletter to keep you informed of any relevant external funding opportunities available. Our focus is funding which promotes clean energy and a low carbon economy. We hope you find this helpful and if you have any feedback on the newsletter, please contact us at:
HydrogenAdvancedTechnologiesBranch@economy-ni.gov.uk



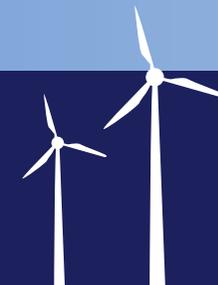


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New This Month:

Industrial Energy Transformation Fund (IETF) - Phase 2: Autumn 2021

IETF Phase 2: Autumn 2021 provides up to £60 million of grant funding for the following project types:

- **studies** - feasibility and engineering studies to enable companies to investigate identified energy efficiency and decarbonisation projects prior to making an investment decision
- **energy efficiency** - deployment of technologies to reduce industrial energy consumption
- **deep decarbonisation** - deployment of technologies to achieve industrial emissions savings

BEIS aim to split Phase 2 into 4 windows, worth around £220m. The budget for the Phase 2 Autumn 2021 competition is up to £60m.

Funding is allocated through a competitive

process aimed at supporting the highest quality and most transformational bids. The fund is open to a broad range of industrial sectors and will support applicants based in England, Wales, and Northern Ireland, both within and outside of industrial clusters.

Funding Organisation: BEIS

Total Fund: £60,000,000

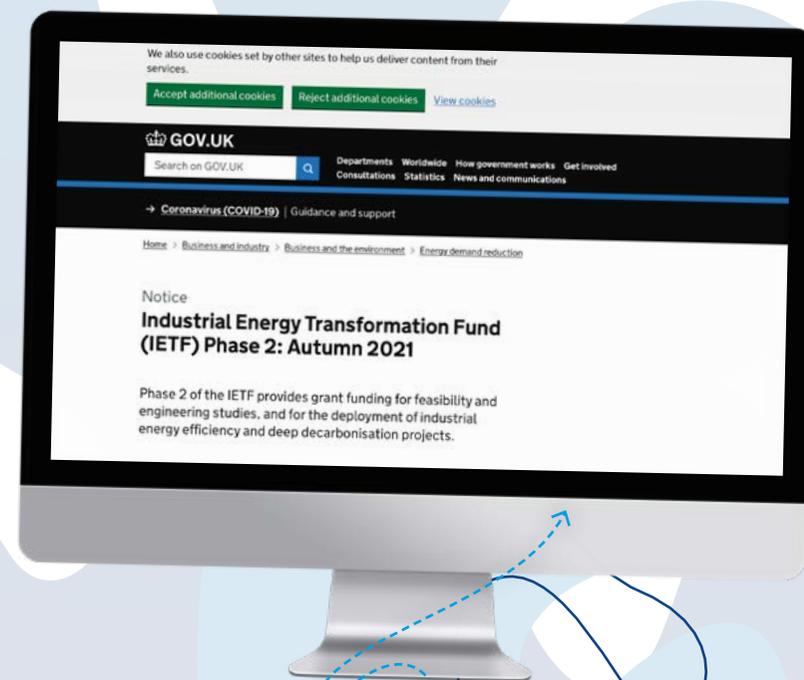
Opening date: Monday 27th September 2021 at 11am

Briefing Event: 6th October 2021

Closing date: 6th December 2021 at 3pm

More information can be found at:

[Industrial Energy Transformation Fund \(IETF\) Phase 2: Autumn 2021 - GOV.UK \(www.gov.uk\)](https://www.gov.uk/guidance/industrial-energy-transformation-fund-ietf-phase-2-autumn-2021)



While there is still time:



Future flight challenge phase 3: strand 1

Innovate UK, part of UK Research and Innovation, will invest up to £65 million in innovation projects. Projects must demonstrate integrated aviation systems and vehicle technologies that enable new classes of electric or autonomous air vehicles.

The aim of this competition is to fund projects that will deliver the 2024 vision of the Future Flight Challenge and position the UK as a leader in the third revolution of aviation. In Strand 1, projects must focus on the demonstration aspects of novel classes of electric or autonomous air vehicles and systems.

 **Funding Organisation:** Innovate UK

 **Total fund:** £65,000,000

 **Opening date:** 6th September 2021

 **Closing date:** 3rd November 2021 at 11:00

 **More information can be found at:**
[Competition overview - Future flight challenge phase 3: strand 1 - Innovation Funding Service \(apply-for-innovation-funding.service.gov.uk\)](#)

Future flight challenge phase 3: strand 2

Innovate UK, part of UK Research and Innovation, will invest up to £65 million in innovation projects. Projects must demonstrate integrated aviation systems and underpinning technologies that enable new classes of electric or autonomous air vehicles.

The aim of this competition is to fund projects that will deliver the 2024 vision of the Future Flight Challenge and position the UK as a leader in the third revolution of aviation.

Your proposal must focus on developing the enabling technologies that support the operation of drones, advanced air mobility (AAM) or sub-regional electric aircraft in a representative environment and whilst meeting a viable and challenging use case.

 **Funding Organisation:** Innovate UK

 **Total fund:** £65,000,000

 **Opening date:** 6th September 2021

 **Closing date:** 3rd November 2021 at 11:00

 **More information can be found at:**
[Competition overview - Future flight challenge phase 3: strand 2 - Innovation Funding Service \(apply-for-innovation-funding.service.gov.uk\)](#)

While there is still time:



APC 19: Developing automotive technologies and growing capability

The Advanced Propulsion Centre (APC) provides funding, support and insight, in developing automotive technologies. It aims to grow capability to support the UK's transition towards net zero product manufacturing and supply chain in the UK automotive sector.

The aim of this competition is to seek proposals for collaborative R&D projects. These must demonstrate the development of on-vehicle technologies, (including material, product and manufacturing processes) for on or off-road vehicles.

Your project must address one of the following:

- accelerate the development of technologies capable of low and zero tailpipe emissions, considering their associated 'cradle to grave' supply chains, up to and including end of life
- demonstrate a significant reduction in carbon dioxide emissions leading to air quality improvements.



Funding Organisation:

Advanced Propulsion Centre



Total fund:

£25,000,000



Opening date:

9th August 2021



Closing date:

6th October 2021 at 11:00



More information can be found at:

[Competition overview - APC 19: Developing automotive technologies and growing capability - Innovation Funding Service \(apply-for-innovation-funding.service.gov.uk\)](https://www.apply-for-innovation-funding.service.gov.uk)

While there is still time:



Innovate UK Smart Grant August 2021

Innovate UK, part of UK Research and Innovation, is investing up to £25 million in the best game-changing and commercially viable innovative or disruptive ideas. All proposals must be business focused.

Applications can come from any area of technology and be applied to any part of the economy, such as, but not exclusively:

- the arts, design and media
- creative industries
- science or engineering

 **Funding Organisation:**
Innovate UK

 **Total fund:**
£25,000,000

 **Opening date:**
26th August 2021 at 09:30

 **Online briefing:**
3rd September 2021 at 12:00

 **Closing date:**
6th October 2021 at 11:00

 **More information can be found at:**
[Competition overview - Innovate UK Smart Grants: August 2021 - Innovation Funding Service \(apply-for-innovation-funding.service.gov.uk\)](https://www.innovation-funding.service.gov.uk/competition-overview)

While there is still time:



ISCF Transforming Foundation Industry – Small Scale R&D Strand 1

The Transforming Foundation Industries (TFI) Challenge fund will work with Innovate UK, to invest up to £1.5 million in innovation projects. This funding is from the Industrial Strategy Challenge Fund (ISCF).

Projects must address the resource productivity or energy performance opportunities of the sector and its supply chains.

The aim of this competition is to improve the competitiveness of our Foundation Industry sector by helping it to become more environmentally sustainable.

 **Funding Organisation:**
Innovate UK

 **Total amount:**
£1,500,000

 **Strand 1 total eligibility costs:**
£25,000 - £75,000

 **Opening date:**
16th August 2021

 **Online briefing event:**
[watch the recording](#)

 **End date:**
29th September 2021 at 11:00

 **More information can be found at:**
[Competition overview - ISCF Transforming Foundation Industry - Small scale R&D - Strand 1 - Innovation Funding Service \(apply-for-innovation-funding.service.gov.uk\)](#)

While there is still time:



ISCF Transforming Foundation Industry – Small Scale R&D Strand 2

The Transforming Foundation Industries (TFI) Challenge fund will work with Innovate UK, to invest up to £1.5 million in innovation projects. This funding is from the Industrial Strategy Challenge Fund (ISCF).

Projects must address the resource productivity or energy performance opportunities of the sector and its supply chains.

The aim of this competition is to improve the competitiveness of our Foundation Industry sector by helping it to become more environmentally sustainable.



Funding Organisation: Innovate UK



Total amount: £1,500,000



Opening date: 16th August 2021



End date: 29th September 2021 at 11:00



More information can be found at:

[Competition overview - ISCF Transforming Foundation Industry - Small Scale R&D Strand 2 - Innovation Funding Service \(apply-for-innovation-funding.service.gov.uk\)](#)

Climate Challenge Cup and an audience at COP26

The Climate Challenge Cup is a new international competition to elevate and help scale transformative civic research partnerships between research bodies, civic organisations and local communities to combat climate change.

It will culminate in an innovation showcase and award ceremony during COP26, the United Nations 2021 Climate Change Conference in November.



Registration opens:

23rd August 2021



Registration closes:

24th September 2021



More information can be found at:

[Climate Challenge Cup](#)

While there is still time:



Red Diesel Replacement competition

The £40 million Red Diesel Replacement competition aims to support the development and demonstration of low carbon fuel and system alternatives to red diesel for the construction, and mining and quarrying sectors. The competition will support the decarbonisation of these high-impact sectors that will be affected by the partial removal of the entitlement to use red diesel and rebated fuels from April 2022.

Projects must address the resource productivity or energy performance opportunities of the sector and its supply chains.

The aim of this competition is to improve the competitiveness of our Foundation Industry sector by helping it to become more environmentally sustainable.

 **Funding Organisation:** BEIS

 **Total Fund:** £40,000,000

 **Opening date:** 17 August 2021

 **Closing date:** 24 September 2021 at 12:00 for expression of interest

 **More information can be found at:**
<https://www.gov.uk/government/publications/red-diesel-replacement-competition>