



## Public funding

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KTM Thermal energy systems

# Important Change

Competitions now close at 11.00am



# Energy Catalyst Round 8



## **Energy Catalyst Round 8 £20m Closes 16<sup>th</sup> Sept 2020**

The programme supports UK and overseas businesses and organisations to develop highly innovative, market-focused energy technologies that primarily look to enable energy access in Sub-Saharan Africa and South Asia.

Projects must address the following challenges:

- energy trilemma based on 3 pillars – cost, emissions and security
- energy access
- gender equality and social inclusion

There are three strands of funding available

- Early stage feasibility £300,000 (12months)
- Mid stage prototype development in country £1.5m (24 months)
- Late stage demonstration in country £5m (36 months)

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# Agritech Catalyst Round 10

## **Agritech Catalyst Round 10 £2.5m Open 20<sup>th</sup> July 2020**

This competition funds the development of agricultural and food systems in Africa. The project must result in more use of innovations by farmers and food systems organisations, such as manufacturers, processors, retailers, distributors and wholesalers.

There are three strands of funding available (total project costs)

- Early stage feasibility £100,000 - £500,000 (12 - 18months)
- Mid stage prototype development in country £250,000 - £1m (36 months)
- Late stage demonstration in country £150,000 - £800,000 (18 months)

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# Sustainable Innovation Fund



## Sustainability Innovation Fund

The programme will fund the development of products or services that will lead to sustainable economic recovery after Covid 19. **The innovation should solve a challenge that is a direct result of the Covid pandemic.**

Projects should ensure that the recovery is clean and sustainable. There is an **emphasis on climate change and environmental impact** e.g. can we maintain good air quality. Projects should also consider equality, diversity and social inclusion though it is not scored. How will your solution benefit all parts of society?

Two competitions

- **£55m Round 1 Temporary Framework** (grant) Open, Closes 29<sup>th</sup> July 2020 **11.00am**
- **£10m SBRI Phase 1** (procurement contract) Open, Closes 5<sup>th</sup> Aug 2020 **11.00am**

# Sustainable Innovation Fund: Temporary Framework



## Projects:

- must be business led
- must involve a SME
- can have academic, RTO, public sector or charity partners
- can be either industrial research or experimental development
- must have total project costs between £100,000 - £500,000 with each individual partner's costs being no more than £175,000.
- must be ready to start by 1 October 2020 and should last between 3 and 9 months.

## Note

- Research organisation costs should not exceed 30% of total project cost
- Subcontractor costs should not exceed 30% of total project costs
- Businesses can lead one project and partner in a further 2 projects
- £50,000 grant per organisation will be issued in advance at the start of the project

# Sustainable Innovation Fund: Temporary Framework



This competition is to help all sectors of the UK recover, grow and create new opportunities from the aftermath of the global health pandemic.

Your project should focus on;

- decarbonisation, circular economy and/or biodiversity
- climate change and environmental sustainability
- geographic or regionally-targeted innovation
- innovation that is aimed at commercial or residential users
- innovations that work across more than one sector
- follow-on international opportunities that help the UK lead the world

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# Sustainability Innovation Fund: SBRI



The overall programme will be delivered in 2 phases:

- £10m Phase 1 and will focus on exploring the feasibility of proposals.
- £70m Phase 2 will concentrate on continued research, development and demo.

Only successful applicants from phase 1 will be able to apply to take part in phase 2.

## **Phase 1 projects:**

- total project costs should not exceed £60,000 inc VAT
- must be ready to start by 1 October 2020 and should last 3 months

## **Phase 2 projects:**

- total project costs should not exceed £3m inc VAT
- should last 12months

Up to 50% of the total project costs should relate to R&D

# Sustainability Innovation Fund: SBRI



An organisation of any size can lead the Phase 1 project (business, academic, RTO, public sector etc)

Your project must address one of the themes below

- decarbonising energy, business and industry
- improving business and industry efficiency
- improving the energy efficiency, heating and cooling of our homes and other buildings
- accelerating the shift to low carbon transport
- enhancing the benefits and value of our natural resources
- innovating for a more sustainable public sector
- climate change adaptation and mitigation

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# Industrial Energy Transformation Fund



## **BEIS Industrial Energy Transformation Fund £315m Opens 20<sup>th</sup> July 2020**

The new fund will support businesses with high energy use to transition to a low carbon future, and to cut their bills and emissions through increased energy efficiency and decarbonisation.

The IETF will be delivered in two phases:

- £30m Phase 1 opens on the **20<sup>th</sup> July 2020**
- £259m Phase 2 will open in the summer 2021.
- £26m Scottish Fund later in the year

Phase 1 will fund:

- Feasibility studies and engineering studies for potential deployment projects that will deliver energy efficiency or deep decarbonisation benefits if implemented.
- Deployment of mature energy efficiency technologies that improve industrial process energy efficiency and reduce energy demand.

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# IETF Feasibility and engineering studies



This competition will help industrial companies build a pipeline of future deployment projects by supporting feasibility studies and engineering studies to reduce the costs and risks of either industrial energy efficiency or decarbonisation technologies

Projects;

- can be collaborative or a single applicant
- must be **led by a business** that operates a manufacturing site or data centre in England, Wales or Northern Ireland where the study is carried out
- can collaborate with businesses, RTOs, academics and public sector organisations as partners

Total project costs must be;

- at least £100,000 for engineering studies and last up to 24months
- at least £60,000 for feasibility studies and last up to 12 months
- In both cases total project costs are up to a maximum of £2m

# IETF Deployment of Industrial energy efficiency



This competition will help industrial companies to deploy mature technologies which improve the energy efficiency of the industrial process

Projects;

- must be **led by a business** that operates a manufacturing site or data centre in England, Wales or Northern Ireland where the study is carried out
- can collaborate with businesses, RTOs, academics and public sector organisations
- at the end of the project the technology must be installed and operating or be ready to operate

This is not an innovation fund. Technologies deployed must have been proven by demonstration or operation previously.

Grant applied for must be at least £250,000 and up to a maximum of £3m

# Manufacturing Made Smarter



## **Manufacturing made smarter: £25m Digital supply chain Opens 6<sup>th</sup> July 2020**

The programme will help UK manufacturing supply chains to develop digital technologies to become more efficient, productive, flexible, resilient. These projects must encourage the use of digital approaches to better integrate and optimise the performance of supply chains.

There are two strands of funding available

- Early stage feasibility £250,000 - £500,000 (6months)
- Mid stage prototype development £1m – £3m (24 months)

Projects must;

- be business led
- involve a SME
- be collaborative

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# ISCF Transforming Foundation Industries



**Building a resilient recovery, Open 3<sup>rd</sup> August 2020, Close 4<sup>th</sup> November 2020**

This competition will fund innovations that improve the productivity and sustainability of the UK's foundation industries (cement, glass, ceramics, paper, metals and bulk chemicals).

Projects:

- must be business led
- can be collaborative (cross sector) or a single applicant (one sector)
- total project costs can be up to £1 million
- can be up to 2 years

# Other funding



## **£5m Catalysing Green Innovation: Strand 1 Advancing PEMD supply chain**

The competition will fund the development of supply chain capability for power electronics, machines and drives. Closes 29<sup>th</sup> July

## **£10m Catalysing Green Innovation: Strand 2 Securing the future of ZEV**

The competition will fund the development of technologies which secure future zero emission vehicle innovation. Closes 29<sup>th</sup> July

## **£30m APC 16: Developing the UK's low carbon automotive capability**

The competition will fund late stage R&D, to support growth in advanced low carbon propulsion capability in the automotive sector. (closes tomorrow)

## **Automatic document processing**

Automatically reviewing a large number of documents to check compliance to various legal or policy requirements.

## **Topic detection on the phone**

To minimise the risk of security breaches the Challenge Owner is looking for an automated system to flag potentially sensitive topics of conversation.

## **Voice based query**

As part of its operations the business requires maintenance and repair of complex machinery to be undertaken in remote locations. The Challenge Owner wishes to investigate solutions that permit hands-free access to technical information.

<https://www.ktninnovationexchange.co.uk>

# Innovation Exchange



## **Immutable audit trail of a component or device**

As part of its operations the challenge owner needs to be able to demonstrate the provenance of all inputs to its business using a common approach.

## **Component recognition and tracking**

As part of their operations the business needs to keep track of assets and equipment that are regularly transferred between locations.

All these challenges close on the 10<sup>th</sup> July

<https://www.ktninnovationexchange.co.uk>

# Any questions



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