



Innovate  
UK

# South West Aquaculture Network

Update – 20 October 2020

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# Summary

- COVID-19
- SMART Award
- Global Challenges Research Fund – AgriFood Africa
- ISCF Robotics for a More Resilient Future
- H2020 Green Deal – Farm to Fork

# COVID-19

- Innovate UK has developed a range of options for supporting existing and new customers through the impacts of the pandemic, including:
  - Timing extensions
  - Monthly grant payments
  - Fast track innovation competition
  - Continuity Grants
  - Innovation Continuity Loans
  - Innovation and Growth Adviser support

<https://www.gov.uk/government/publications/access-coronavirus-business-innovation-support-package>

# Innovate UK Smart Grants: August 2020

- Opportunity for UK registered organisations to apply for a share of up to £25 million from Innovate UK to deliver disruptive R&D innovations that can significantly impact the UK economy.
- Applications can come from any area of technology and be applied to any part of the economy
- Projects with durations between 6 and 18 months must have total eligible project costs between £25,000 and £500,000. Projects between 19 months and 36 months must have total eligible project costs between £25,000 and £2 million.
- Please see web link for more info:

<https://apply-for-innovation-funding.service.gov.uk/competition/701/overview>

# AgriTech Catalyst funding

- Projects must show the potential to deliver impact for poor people through the uptake of agricultural and food systems technology and innovation
- Scope of the Catalyst includes:
  - primary crop and livestock production including aquaculture
  - non-food uses of crops, excluding ornamentals
  - challenges in downstream food processing, distribution or storage and value addition
  - improving availability and accessibility of safe, healthy and nutritious foods

**Round 10** – Opened 20th July 2020 and will close 21st October (£2.5m available)

**Round 11** – To be confirmed, provisional open date March 2021

<https://apply-for-innovation-funding.service.gov.uk/competition/659/overview>

# ISCF Robotics for a More Resilient Future

£6 million to support R&D projects to advance or develop solutions in service robotics for a more resilient future. We are looking for robotic solutions that exploit business opportunities in areas such as, but not limited to:

Healthcare - Logistics, warehousing and transportation - Agriculture and food production – Construction

‘General-purpose’ remote working robotics - Robotics that can contribute towards the UK’s Net-Zero greenhouse gas commitment

Webinars:

- 20th October | ISCF Robotics for a More Resilient Future: Competition Briefing
- 23rd October | ISCF Robotics for a More Resilient Future: Networking Event

<https://apply-for-innovation-funding.service.gov.uk/competition/754/overview>

- **Competition opens:** Monday 12 October 2020
- **Competition closes:** Friday 20 November 2020 11:00am

**Remember:** Got a technical question? Contact our customer support service 0300 321 4357

[support@innovateuk.ukri.org](mailto:support@innovateuk.ukri.org)

# Horizon 2020 Green Deal Call



- UK organisations continue to be eligible to participate in Horizon 2020 Green Deal Call as partners & co-ordinators
- European international collaboration required, at least 3 EU partners in a consortium
- Call 6 Farm to Fork underpinned by the Farm to Fork Strategy
- Calls open until 26<sup>th</sup> Jan 2021.

**EUGreenDeal** #ResearchImpactEU



# Green Deal Call Structure

GDC focuses on **8 thematic areas**, reflecting the key European Green Deal work streams, complemented by **2 cross-cutting horizontal areas**. 1 Billion Euros Budget

**Area 1:**  
Increasing  
Climate  
Ambition:  
Cross-  
sectoral  
challenges

**Area 2:**  
Clean,  
affordable  
and secure  
energy

**Area 3:**  
Industry for  
a clean and  
circular  
economy

**Area 4:**  
Energy and  
resource  
efficient  
buildings

**Area 5:**  
Sustainable  
and smart  
mobility

**Area 6:**  
Farm to fork

**Area 7:**  
Ecosystems  
and  
biodiversity

**Area 8:**  
Zero  
pollution,  
toxic free  
environment

**Area 9:** Strengthening knowledge in support of the European Green Deal

**Area 10:** Empowering citizens for the transition towards a climate neutral, sustainable Europe

# EC Farm to Fork Strategy



- Published in May 2020
- Underpins the Green Deal Farm to Fork Call
- Very ambitious in its reach and targets. E.g. 25% agricultural land under organic farming by 2030
- Wide ranging from primary production all the way through to consumption
- Farm to Fork to inform and influence reform of the Common Agricultural Policy in the EU.

# Area 6: Farm to Fork

## LC-GD-6-1-2020 - Testing and demonstrating systemic innovations in support of the Farm- to-Fork Strategy

### Specific Challenge:

Address inefficiencies in current food production and consumption systems and accelerate the transition to a sustainable food eco-system, to protect biodiversity, health and wellbeing of current and future generations.

Innovation Action (IA)

Technology Readiness Level 5-7

€6m to €12m per sub-topic (€74m total budget) 1 or 2 projects per sub-topic

### Scope:

In line with the objectives of the Farm-to-Fork Strategy, proposals will test, pilot and demonstrate innovative systemic solutions to **one** of the following six subtopics:

- A. Climate neutral farms by increasing farm-based carbon sequestration and storage to reduce GHG emissions
- B. Climate neutral food businesses - increasing energy efficiency in processing, distribution, conservation & preparation of food
- C. Reduced dependence on hazardous pesticides, reducing the use and increasing the efficiency of fertilisers, reduce losses of nutrients from fertilisers towards zero pollution of water, soil and air
- D. Reduced dependence on the use of antimicrobials in animal production and in aquaculture
- E. Reduced food losses and waste at every stage of the food chain including consumption, while also avoiding unsustainable packaging
- F. Shifting to sustainable healthy diets and accessible to all EU citizens including most deprived and vulnerable groups.

## Area 6: Farm to Fork

### LC-GD-6-1-2020 - Testing and demonstrating systemic innovations in support of the Farm- to-Fork Strategy

#### Expected Impact:

Achieve an increased awareness among policy makers, businesses, investors, entrepreneurs, institutions, stakeholders and citizens to promote and realise uptake at EU scale.

- Reducing GHG-emissions by at least 50% by 2050 compared with 1990 levels (Subtopics A, B, E, F);
- Reducing the overall use and risk of chemical pesticides by 50% and the use of more hazardous pesticides by 50% by 2030
- Reducing nutrient losses by 50%, which will reduce the use of fertilisers by at least 20% by 2030
- Reducing the EU sales of antimicrobials for farmed animals and in aquaculture by 50% by 2030
- Reducing per capita food waste at retail and consumer levels by 50% by 2030
- Reversing the rise in overweight and obesity rates across the EU by 2030 bringing European diets more in line with dietary recommendations.

# Useful Information

- [Recording of KTN/IUK H2020 Pitching Event 29<sup>th</sup> September webinar](#)
- [H2020 Funding and Tenders Portal Call 6 Farm to Fork](#)
- [How to Participate](#) [Online manual](#)
- <https://ktn-uk.org/agrifood/>
- <https://www.enterprise-europe.co.uk/>

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# Thank you



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