

# WELCOME!

## “Horizon Europe Cluster Series”

### Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

#### Housekeeping

- To avoid background noise all participants will be muted.
- After testing your speakers, please do remember to connect your audio by using the “Join Audio” icon at the bottom left of the screen or dial in via phone using the number provided in the joining instructions.
- If you have any technical problems, please use the chat to seek advice from the host (Andie McLean)
- Questions and Answers: Use the Q&A function. We will pick them up at 10:45 “Q&A session”.
- Please use the chat to introduce yourself, please note due to GDPR we cannot share the chat. Capture what you need.

**PLEASE NOTE – THE WEBINAR IS BEING RECORDED**

# “Horizon Europe Cluster Series” Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

## AGENDA

| Time (UK)    | Title   | Speaker                                  |
|--------------|---|--|
| 10:00        | Welcome & Innovate UK KTN European Programmes support                               | Belen Rebollo, Innovate UK KTN           |
| 10:10        | Introduction to Horizon Europe  | Helen Sweeney, Innovate UK               |
| 10:15        | Case Study: University of Reading   | Dr Laurence Smith, University of Reading |
| 10:25        | Q&A   | Belen Rebollo, Innovate UK KTN           |
| 10:30        | Navigating application and award process: Practical tips and support for applicants | Chris Young, Innovate UK KTN             |
| 10:40        | Q & A   | Viola Hay, Innovate UK KTN               |
| <b>10:50</b> | <b>BREAK</b>  |  |
| 10:55        | Overview of Cluster 6   | Helen Sweeney, Innovate UK               |
| 11:15        | Relevant partnerships and missions  | Catherine Holt, Innovate UK KTN          |
| 11:30        | Q&A   | Viola Hay, Innovate UK KTN               |
| 11:45        | Key Dates & Key Messages  | Belen Rebollo, Innovate UK KTN           |



## Innovate UK KTN – European Programmes Activity and support



**Belen Rebollo-Garcia**  
Knowledge Transfer Manager



**Innovate UK KTN** exists to connect innovators with new partners and new opportunities beyond their existing thinking – accelerating ambitious ideas into real-world solutions.

## Cross-Sector Expertise

Agrifood

Biotechnology

Chemistry

Creative Industries

Design

Digital

Electronics

Energy

Geospatial

Health

Industrial Maths

Infrastructure

Manufacturing

Materials

Photonics

Quantum

Robotics & AI

Security & Defence

Sensors

Space

Transport

Water



**Innovate UK**  
KTN

## Our Network



**46,229**  
Unique  
Organisations



**72% Small**  
**15% Medium**  
**13% Large**



**234,478**  
innovators



**Every university**  
**in the UK**

## Our Outputs

**66%**

introduced by  
KTN go on to  
**collaborate**

**42%**

reach  
outcomes  
**faster**  
(1-2 years)

**60%**

increased  
**investment** in  
R&D direct  
result from KTN  
engagement

**£100m**

per year  
increased  
**investment** in  
R&D



**Innovate UK**  
KTN

# Primary Delivery Partners

## UK Government



Department for  
Business, Energy  
& Industrial Strategy



Department for  
International Trade



Foreign &  
Commonwealth  
Office



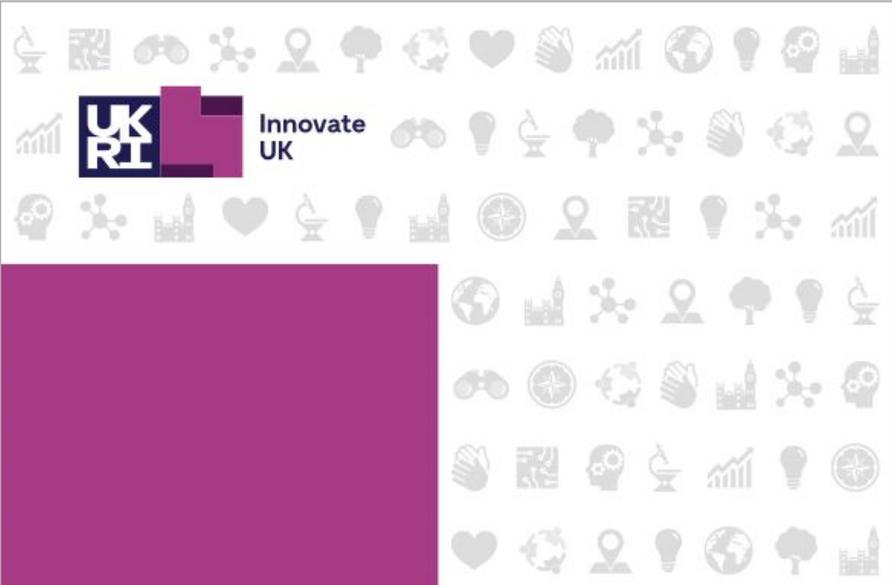
UK Science  
& Innovation  
Network



Department for  
Digital, Culture  
Media & Sport



Innovate UK  
KTN



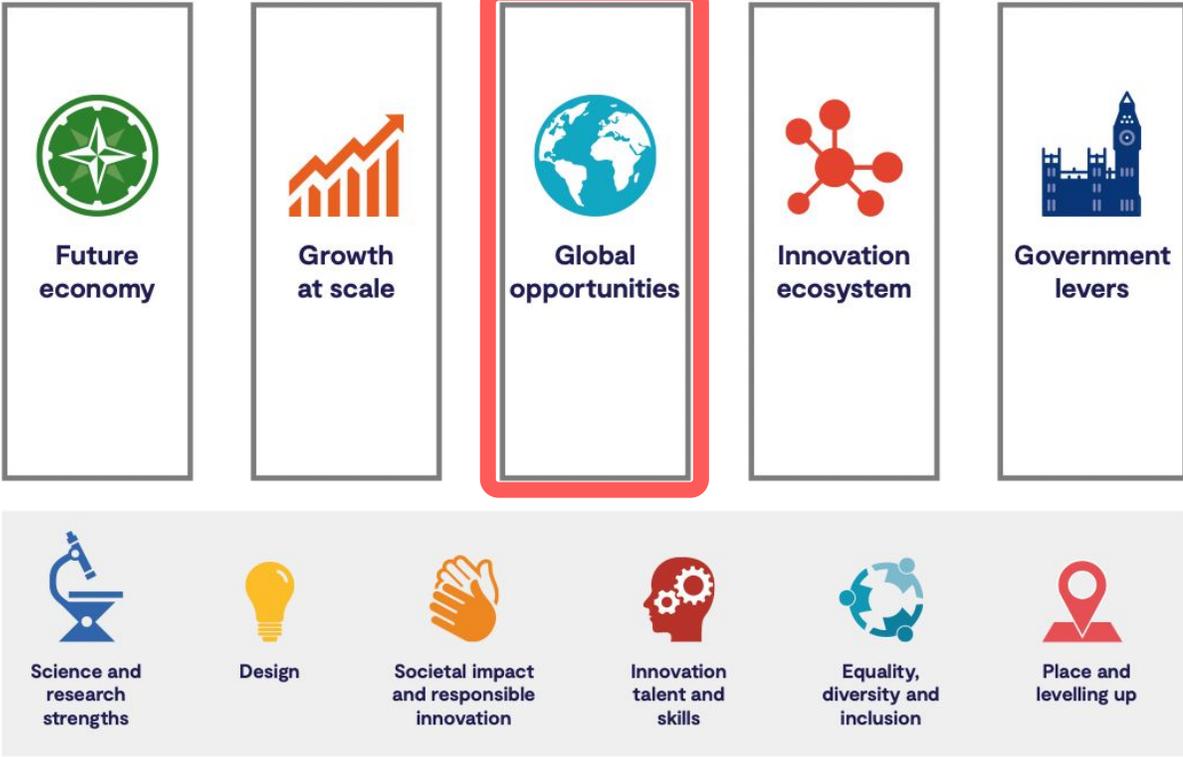
**UKRI** Innovate UK

# Building the future economy

Plan for action for UK business innovation

inspire | involve | invest

2021–2025



# Theme 3: Global opportunities

More and more countries are looking to science and innovation to build their economies and meet global challenges. There is a major opportunity for international co-operation on research and development and innovation that builds on our world-class science and research capabilities and industry strengths.



## We connect **regional, national and global** innovation

Our **Global Alliance** programme drives international collaborations with governments, societies, enterprises, institutions and people from every corner of the globe.







## Global Alliance: European Programmes

We support UK organisations in **engaging with International R&I initiatives** (i.e. Horizon Europe and EUREKA, among them) and help shape future funding priorities by:

- ◆ Organising consortium building activities / events in selected topics
- ◆ Offering “Travel Grants” to attend European brokerage events
- ◆ Managing international collaboration platforms
- ◆ Engaging with International Partnerships and Technology Platforms
- ◆ Providing sector specific advice on market opportunities and project impact

***We work closely with the National Contact Points, Innovate UK Edge and the FCDO / Science Innovation Network.***



Innovate UK  
KTN

# Global Alliance: European Programmes

## European Programmes Experts



**Jane Watkins**  
Regional Lead



**Viola Hay**  
Knowledge Transfer  
Manager



**Belen Rebollo**  
Knowledge Transfer  
Manager

## Find out more



@KTN\_Global

Horizon Europe Hub

<https://ktn-uk.org/programme/european>



**Innovate UK**  
KTN



# Horizon Europe Cluster 6: introduction



**Helen Sweeney**  
**UK National Contact Point**



Innovate  
UK

# Horizon Europe Cluster 6



**Helen Sweeney, Chris Young & Catherine Holt**  
UK National Contact Points  
Horizon Europe

# Can the UK participate in Horizon Europe?



# Yes

## The UK is a Candidate Associated Country

- Applicants should carry on working in their consortiums on the 2023 Work Programme Call topics.
- UK applicants should continue applying as beneficiaries and request EU budget at the proposal stage
- UK Horizon Europe Guarantee in place to support successful applicants if Association not in place at time of Grant Agreement

# Horizon Europe structure

## THREE PILLARS FOR IMPLEMENTATION



# UK participation in 2021 calls

## Food, bioeconomy, natural resources, agriculture and environment

Number of funded projects under the 2021 call



**162 UK organisations participated in 83 of these funded projects**

**UK organisations participated in 51% of the 2021 call topics**

**Value of participation to the UK partners ~ £60 million**



# Case Study

**Dr. Laurence Smith**  
**University of Reading**

# Case Study

**Dr Laurence Smith, University of Reading**

Projects from Destination 5: Land, oceans and water for climate action  
2021 Work Programme



**REFOREST**



Re - Livestock

Facilitating Innovations for **Resilient Livestock** Farming Systems

# About me:

## Dr. Laurence Smith

- Organic farmer for 10 years
- Moved to research 2008
- Currently working as Lecturer/Researcher at School of Agriculture, Policy & Development, Univ. of Reading



## Primary research interests:

- Identification sustainability **trade-offs** and **synergies** within a range of production systems
- Methodological development for sustainability assessment and Life Cycle Analysis
- **Land use modelling / upscaling** for policy assessment

Within a  
**participatory**  
framework

# Selected projects within the European Research Area:

## Duration: Project title:

|                         |   |
|-------------------------|---|
| 2022-2027               | Facilitating Innovations for Resilient Livestock Farming Systems (RELIVESTOCK)                  |
| 2022-2026<br>(REFOREST) | Agroforestry at the forefront of farming sustainability in multifunctional landscapes in Europe |
| 2021-2026               | Pathways for transitions to sustainability in livestock husbandry and food systems (PATHWAYS)   |
| 2020-2023               | Leverage Points for Organic and Sustainable Food Systems (FOODLEVERS)                           |
| 2016-2021               | Innovation for Sustainable Sheep and Goat Production in Europe (iSAGE)                          |
| 2016-2020               | Innovative Sustainable Intensification of Integrated Food and Non-food Systems (SustainFARM)    |
| 2011-2016               | Sustainable Organic and Low-input Dairying (SOLID)  |

## Selected publications:

**Smith, L.G.**, Kirk, G.J.D., Jones, P.J., Williams, A.G. (2019): The greenhouse gas impacts of converting food production in England and Wales to organic methods. Nature Communications 10, Article No. 4641

Mullender, S., Smith, J., Sandor, M., Pisanelli, A., Kozyra, J., Borek, R., Ghaley, B., Gliga, A., von Oppenkowski, M., Roesler, T., Salkanovic, E., **Smith, L.G.** (2020): A Delphi-style Approach for the Stakeholder-led Development of an Agroforestry-relevant Sustainability Assessment Tool. Environmental Impact Assessment Review, 84, 106415.

**Smith, L.G.**, Williams, A.G., Pearce, B.D. (2015). The energy efficiency of organic agriculture: a review. Renewable Agriculture and Food Systems 30: 280-301.

# Two current projects funded under UKRI Guarantee:



Re - Livestock

Facilitating Innovations for **Resilient Livestock** Farming Systems



REFOREST

# Re-Livestock project overview

The **overall objective** of Re-Livestock is to understand and mobilize adoption of innovative practices, applied

cross-scale (animal, herd/farm, sector and region), to reduce the greenhouse gas (GHG) emissions of livestock

farming and to increase the capacity for dealing with climate change impacts, in order to ultimately increase

the overall resilience of the livestock sector



Re - Livestock

Facilitating Innovations for **Resilient Livestock** Farming Systems

# Re-Livestock project structure

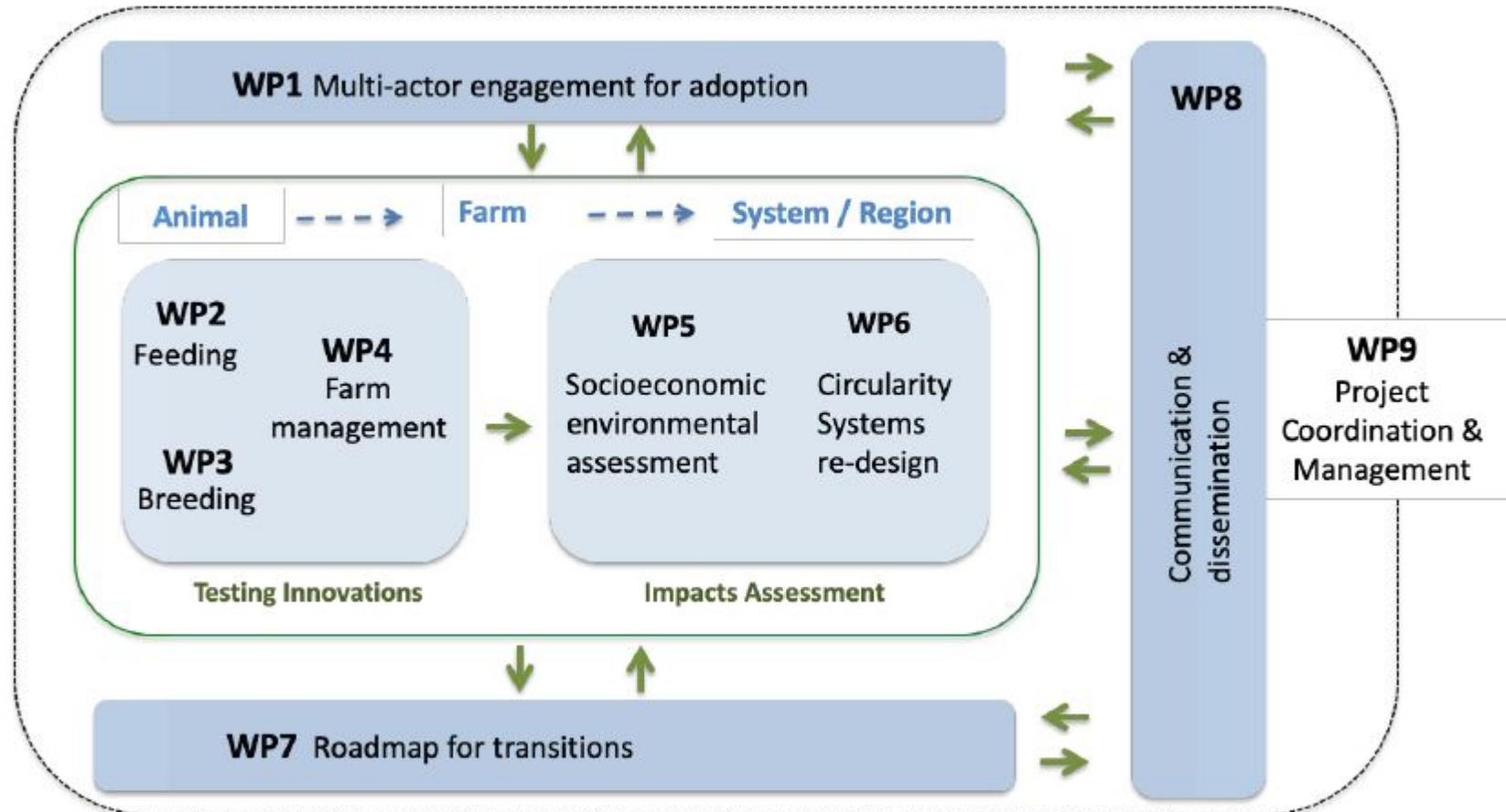


Figure 1.2.a Re-Livestock WP structure and interconnections

# REFOREST project overview

To find solutions to overcome main barriers to AF expansion in Europe. We aim to foster innovation, knowledge exchange and provide novel solutions to empower farmers in Europe and associated countries to deliver to multiple objectives: food production, carbon capture, and biodiversity.



REFOREST

# REFOREST project structure

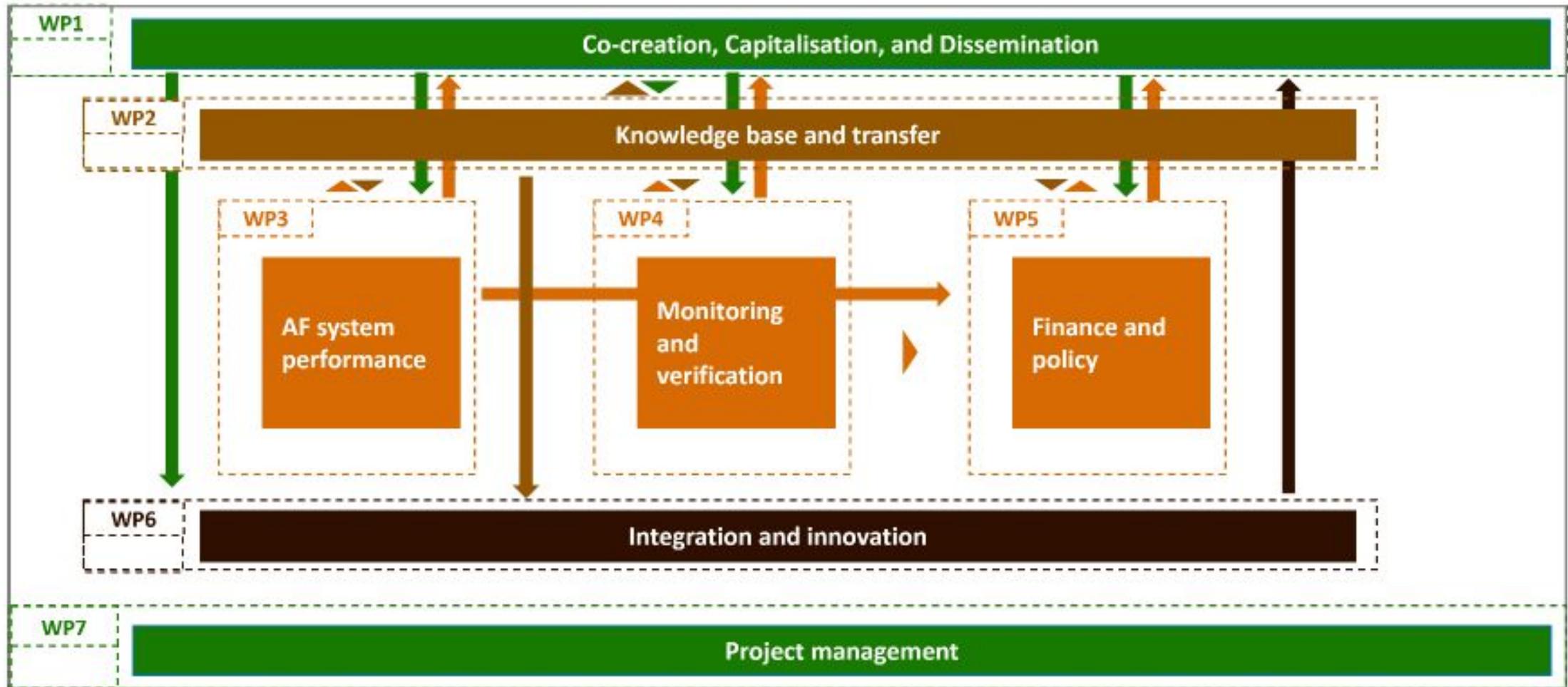


Figure 4: Work Plan structure

# Positives of participation in Horizon Europe / EU funding:

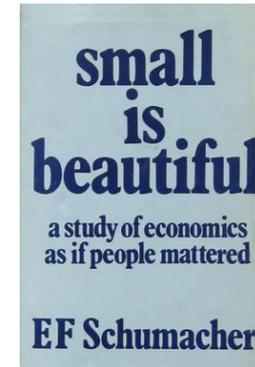
- Expanded research based network to encompass a range of industry(ies) and stakeholders
- Immediacy and impact – “direct-line” to policy decision-making e.g. through active participation of DGs, NGOs and policy-oriented think tanks
- Exposure to innovative practices across Europe
- Understanding the value of “case study driven” research practice and “bottom-up” applied research

## How I have found partners:

- Forming linkages with partners through first research project(s) in FP7 and ERA-NET programmes
- Conference participation with “multi-actors” e.g.
  - Rio+20
  - United Nations Climate Change Conferences
  - European Farming Systems Association (IFSA) conferences
- Participation in International Fora and membership of NGOs:
  - International Federation of Organic Agriculture Movements (IFOAM)
  - Food Climate Research Network (FCRN – now TABLE)
  - European Agroforestry Federation (EURAF)

## Hints and tips for proposal writing:

- Start with a small core group
- Read call text carefully – and “read between the lines”
- Consider Research AND Innovation in European context



# My experience since autumn 2022:

- Fear and uncertainty with European partners re: UK co-ordination *and* WP leadership
- Seems to occur despite official guidance / reassurance
- Still enthusiasm for (reduced) UK involvement (e.g. through participation in advisory boards)



# A way forward?

- Twin track approach to mitigate risk
- Emphasise UK status and potential to offer leadership in research and innovation





# Any Questions?



## Navigating application and award process: Practical tips and support for applicants



**Chris Young**  
**NCP for Legal and Financial Issues**





UK Research  
and Innovation

# Proposal submission and grant negotiations – practical considerations

Chris Young  
Horizon Europe UK Legal and Financial  
National Contact Point

[christopher.young@iuk.ukri.org](mailto:christopher.young@iuk.ukri.org)

HORIZON EUROPE

THE NEXT EU RESEARCH & INNOVATION  
PROGRAMME (2021 – 2027)



# Proposal submission - general principles

- UK organisations – **submit as a beneficiary/coordinator** – candidate Associate Country
- Complete budget tables in full (Part A and Part B)
- Note eligibility requirements – multi-beneficiary topics – 1x MS + 2x MS/AC (consider + UK)
- Topic specific issues – participants, budget etc
- Consider NDA/MoU

# Roles and responsibilities – Beneficiary and Coordinator

- Organisations can participate in various roles: as **coordinator**, **beneficiaries**, affiliated entities, associated partners, in-kind contributors, subcontractors or recipients of financial support to third parties.
- Beneficiaries are entities that sign the Grant Agreement
- The **coordinator** is the beneficiary who is the central contact point for the Commission and represents the consortium (towards the Commission) – they act as the “banker” for EU funds
- Ideally, the work should be done by the beneficiaries and their affiliated entities **themselves**, but if needed, they may involve other partners and rely on outside resources (*purchase new equipment, goods, works or services, subcontract a part of the work or involve associated partners, etc*).

# Roles and responsibilities – Associated partners

- **Associated partners** – they implement action tasks but do not receive EU funding
- They do not sign the Grant Agreement but are actively involved in the consortium
- The Grant Agreement mentions them and defines their role but they are NOT beneficiaries
- The consortium is responsible for the implementation of the actions tasks by the Associated partner
- They do not have to account for their costs but applicants should include their costs in the budget of their proposal under other sources of finance, financial contributions and own resources headings

# Roles and responsibilities – Subcontractor

- **Subcontracts** – these concern the implementation of "action tasks" as set out in Annex I of the Grant Agreement ie part of the project/project tasks that have been outsourced.
- The price for the subcontracts will be declared as subcontracting costs in the financial statement.
- Subcontractor's motivation is financial, not the project itself and is paid by the beneficiary in exchange for its work
- Subcontracting is limited and certain tasks are excluded (eg. Coordination)

*Example : Subcontract to organise a conference that is set as part of the tasks in the description of the action*

# Budget for the proposal

- The budget categories to be used for the call are set out in the call conditions and explained in the Annotated Model Grant Agreement  
[https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/aga\\_en.pdf](https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/aga_en.pdf)
- The budgeted costs should be based on a detailed and accurate estimation of your estimated project costs (based on the cost eligibility rules). They should include *all* your estimated costs.
- Cross-check Part A and Part B to see if you will also need to submit a detailed budget table or outline budgetary details in Part B.
- Keep your estimates on file — you may be required to produce them later on
- Only the white cells need to be filled in (the grey cells are not applicable or automatically filled by the system)

# Part A - Budget for the proposal

## 3 – Budget for the proposal

| No    | Participant name   | Country | Estimated expenditure            |                                      |  |                             |  |   | Estimated income  |   |                         |  |   |   |   |                                    |                          |
|-------|--------------------|---------|----------------------------------|--------------------------------------|--|-----------------------------|--|---|---|---|-------------------------|--|---|---|---|------------------------------------|--------------------------|
|       |                    |         | Estimated eligible costs         |                                      |  |                             |  |   | Requested EU contribution   |   |                         | Revenues   | Other sources of financing  |   | Total estimated income<br><br>(k)+(n)<br>+(o)+(p)+<br>(q) + (r) |                                    |                          |
|       |                    |         | A. Personnel costs/€<br><br>(a1) | B. Subcontracting costs/€<br><br>(b) | C. Purchase costs                        |                             |  | D. Other cost categories<br><br>D.X (specific cost category) /€<br><br>(dx) | E. Indirect costs/€<br>(e) = 25% * ((a1) + (c1) + (c2) + (c3) + (d7)) | Total eligible costs<br>(h) = (a1) + (b) + (c1) + (c2) + (c3) + (d) + (e) | Funding rate<br><br>(U) | Maximum EU contribution to eligible costs<br><br>(l) = (U) * (h) | Requested EU contribution to eligible costs/€ (Requested grant amount)<br><br>(m) (n) | Income generated by the action<br><br>(o) |   | Financial contributions<br><br>(q) | Own resources<br><br>(r) |
|       |                    |         |                                  |                                      | C.1 Travel and subsistence/€<br><br>(c1) | C.2 Equipment/€<br><br>(c2) | C.3 Other goods, works and services /€<br><br>(c3) |   |   |   |                         |  |   |   |   |                                    |                          |
| 1     | Participant 1      | NL      |                                  |                                      |  |                             |  |   |   |   |                         |  |   |   |   |                                    |                          |
| 2     | Participant 2      | LB      |                                  |                                      |  |                             |  |   |   |   |                         |  |   |   |   |                                    |                          |
|       | Affiliated Entity  | LB      |                                  |                                      |  |                             |  |   |   |   |                         |  |   |   |   |                                    |                          |
| 3     | Participant 3      | DE      |                                  |                                      |  |                             |  |   |   |   |                         |  |   |   |   |                                    |                          |
|       | Associated Partner | AR      |                                  |                                      |  |                             |  |   |   |   |                         |  |   |   |   |                                    |                          |
| Total |                    |         |                                  |                                      |  |                             |  |   |   |   |                         |  |   |   |   |                                    |                          |

# Part A - Budget for the proposal

| Estimated project expenditure |                    |         |  |   |  |  |   |   |  |  |  |  |
|-------------------------------|--------------------|---------|--|---|--|--|---|---|--|--|--|--|
| Estimated eligible costs      |                    |         |  |   |  |  |   |   |  |  |  |  |
| D. Other cost categories      |                    |         |  |   |  |  |   |   |  |  |  |  |
| No                            | Participant name   | Country | D.1 Financial support to third parties<br>(Actual costs)<br>(d1) | D.2 Internally invoiced goods and services<br>(Unit costs - usual accounting practices)<br>(d2) | D.3 Transnational access to research infrastructures<br>(Unit costs)<br>(d3) | D.4 Virtual access to research infrastructures<br>(Unit costs)<br>(d4) | D.5 PCP/PPI procurement costs<br>(Actual costs)<br>(d5) | D.6 Euratom Cofund staff mobility costs<br>(Unit costs)<br>(d6) | D.7 ERC additional funding<br>(Actual costs)<br>(d7) | D.8 ERC additional funding (subcontracting, FSTP and internally invoiced goods and services)<br>(Actual costs)<br>(d8) |  |  |
| 1                             | Participant 1      | NL      |  |   |  |  |   |   |  |  |  |  |
| 2                             | Participant 2      | LB      |  |   |  |  |   |   |  |  |  |  |
|                               | Affiliated Entity  | LB      |  |   |  |  |   |   |  |  |  |  |
| 3                             | Participant 3      | DE      |  |   |  |  |   |   |  |  |  |  |
|                               | Associated Partner | AR      |  |   |  |  |   |   |  |  |  |  |
| Total                         |                    |         |  |   |  |  |   |   |  |  |  |  |

# Standard European Commission text following successful evaluation

---

- Ineligible - identify new participant (minimum eligibility requirements) ie 3x MS/AC (+UK)
- Change to Associated Partner
- Redistribute tasks to existing beneficiaries and/or new participant (coordinator role)

Accordingly, your proposal will be declared ineligible and the Grant preparation terminated, unless you consider the steps suggested below.

To address the ineligibility of your proposal, I am inviting you to take the following possible actions so the Grant preparation of your proposal can continue:

## **Step1.** Identification of new participant

Identify a new participant(s) established in a Member State or an Associated Country not present in the original proposal to make sure that the proposal complies with the minimum eligibility conditions for participation. This new participant must take over some of the tasks (possibly including the tasks of the UK participants).

The redistribution of the budget and tasks will be accepted as non-substantial change unless these changes would put into question the results of the evaluation.

## **Step2.** Change of status of the participant from beneficiary to associated partner

Provided that the legal entities established in the United Kingdom are able to fund their tasks, their status may change from a beneficiary into an associated partner within the meaning of Article 9.1 of the Horizon Europe Model Grant Agreement. The total EU funding to the project will be reduced accordingly, except for tasks taken over by the new or existing eligible beneficiaries.

A redistribution of the remaining budget and tasks may be requested and should be accepted as non-substantial change unless it would put into question the results of the evaluation.

The entity may be later re-established as a beneficiary through a grant amendment if the association agreement with the United Kingdom becomes applicable and if requested by the consortium. If the association agreement provides for retroactive application prior to the start of the action and if the status changes to beneficiary, such conditions will apply.

## **Alternative step 2:** Withdrawal of the legal entities from participation in the proposal

The tasks of the legal entities established in the United Kingdom are taken over either by the remaining other beneficiaries of the proposal, subject to the fulfilment of the minimum eligibility conditions for participation of the proposal, or by one or more additional new beneficiaries established in a Member State or an Associated country. The legal entity established in the United Kingdom is withdrawn from the project. The total EU funding to the project may remain unchanged.

# Successful evaluation – change of status (current position)

- On successful evaluation - change from beneficiary to associated partner
- Confirm participation - Associated Partner - Letter of Intent (refer to guarantee and UK R&D roadmap 2020 p43  
[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/896799/UK\\_Research\\_and\\_Development\\_Roadmap.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/896799/UK_Research_and_Development_Roadmap.pdf))
- If threatened with removal:
  - inform PO; seek support (Consortium - ask for a vote)
  - Negotiate a lower budget
  - If NDA/MoU in place seek to enforce
  - Contact NCP

# Associated partners - overview

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UK organisations post successful evaluation – third country participant

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DO NOT receive EU funding – self funding

---

DO NOT sign the Grant Agreement – NOT beneficiaries

---

CANNOT be the official coordinator (but can be scientific/technical coordinator)

---

DO NOT account for costs to EC - self funding/government guarantee

---

CAN be WP leaders, implement actions tasks – fully participate

---

Recognised role - Grant Agreement (Article 9.1) – role and tasks (Annex 1)

# Associated partners and the Consortium Agreement

- UK participants convert to Associated Partners – third country participant - note access rights on portal, no right to Grant Agreement
- No direct right of EC to enforce - Consortium is responsible for the implementation of the actions tasks by the Associated partner
- Provisions from the Grant Agreement inserted in the Consortium Agreement – DESCAs <https://www.desca-agreement.eu/desca-model-consortium-agreement/>
- Grant Agreement - Article 9.1
- Associated partners sign the Consortium Agreement – director or equivalent (not on the portal)
- Belgium law applies (insurance)

# Consortium Agreement – Article 9.1

- Articles 9.1 lists the provisions that apply to Associated Partners as follows:
  - Article 11 (proper implementation)
  - Article 12 (conflict of interests)
  - Article 13 (confidentiality and security)
  - Article 14 (ethics)
  - Article 17.2 (visibility)
  - Article 18 (specific rules for carrying out action)
  - Article 19 (information)
  - Article 20 (record- keeping)
  - Article 25 (rights of various organisations).
- Above listed in the government guarantee p24/25  
<https://www.ukri.org/wp-content/uploads/2021/12/UKRI-031122-HorizonEuropeGuaranteeGuidance.pdf>

# Associated partner/Consortium Agreement – current UK issues – practical considerations

- Proposal submission – Beneficiary - consider NDA/MoU or simple contract re ownership
- On successful evaluation - confirm participation - Letter of Intent (refer to guarantee)
- If threatened with removal:
  - inform PO; seek support (Consortium - ask for a vote)
  - Negotiate a lower budget
  - If NDA/MoU in place seek to enforce
  - Offer indemnity (shortfall in the budget)
  - Contact NCP
- Consortium Agreement – Limit any liability (total project costs), indemnity (only if pushed), right to the Grant Agreement (and amendments), carve out from financial provisions



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# Thank you



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# Q&A Panel



**Viola Hay**  
Knowledge Transfer Manager



# BREAK



Option of watching UKRI video on experiences from Horizon 2020 and Horizon Europe UK grantees

[https://www.youtube.com/watch?v=qdxHQ\\_7VRFq&list=PLkjB0VcEI5P\\_zFLV2oKywwXzZ4Vz2l8Zu](https://www.youtube.com/watch?v=qdxHQ_7VRFq&list=PLkjB0VcEI5P_zFLV2oKywwXzZ4Vz2l8Zu)



# Horizon Europe Cluster 6 Overview: Food, Bioeconomy, Natural Resources, Agriculture and Environment



**Helen Sweeney**  
**UK National Contact Point**



# Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment



# Policy drivers for Cluster 6

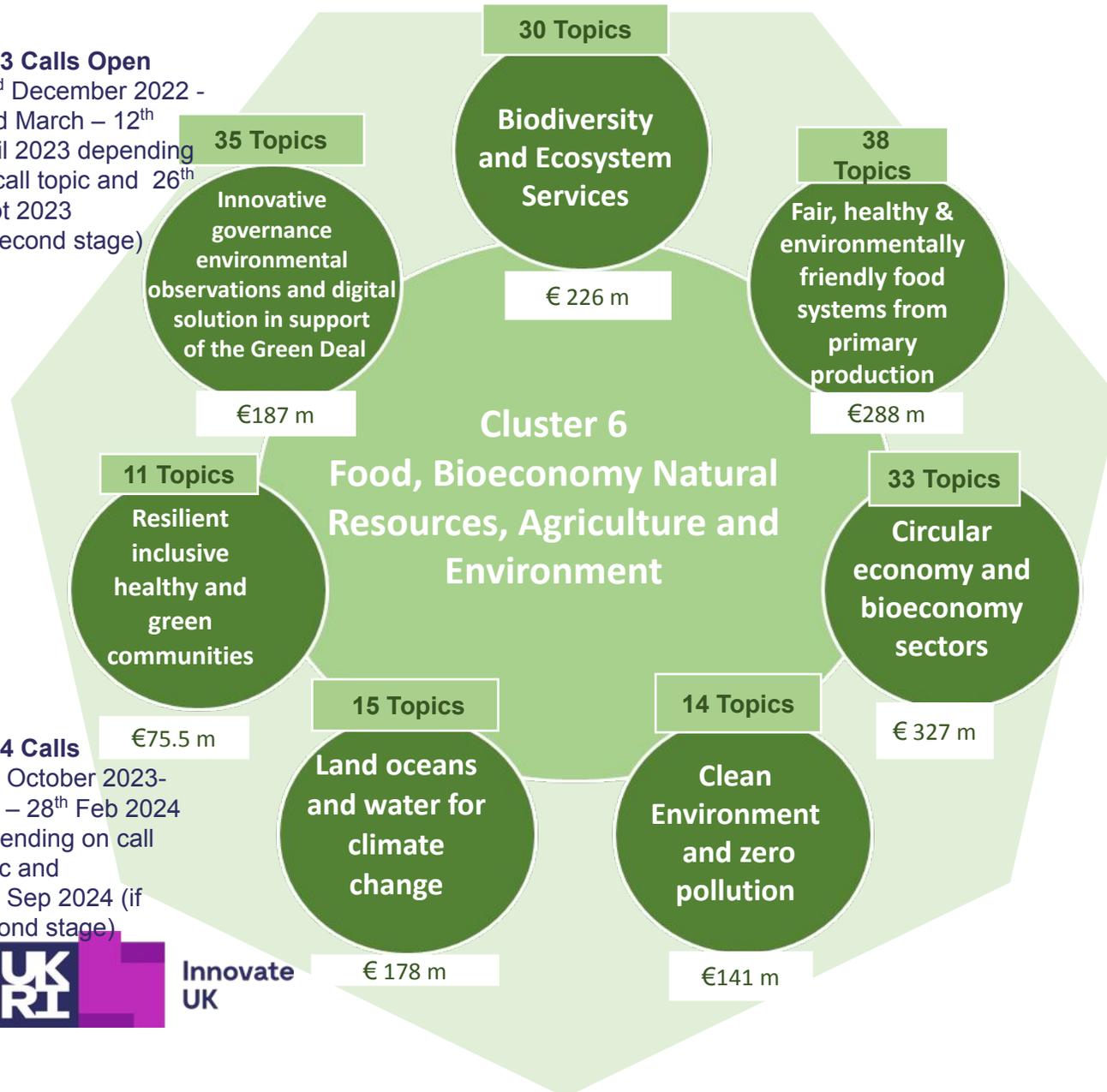


- European Green Deal
- Horizon Europe Strategic Plan 2021-2024
- EU Biodiversity Strategy for 2030
- EU Farm to Fork Strategy
- Circular Economy Action Plan
- EU Industrial Strategy
- Bioeconomy Strategy
- EU Forest Strategy
- Blue Growth Strategy
- Chemicals Strategy for Sustainability
- EU Plastics Strategy
- EC Soils Strategy
- EU Climate Policy

# Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment 2023-2024 Work Programme

**2023 Calls Open**  
 22<sup>nd</sup> December 2022 -  
 23<sup>rd</sup> March – 12<sup>th</sup>  
 April 2023 depending  
 on call topic and 26<sup>th</sup>  
 Sept 2023  
 (if second stage)

**2024 Calls**  
 17<sup>th</sup> October 2023-  
 21<sup>st</sup> – 28<sup>th</sup> Feb 2024  
 depending on call  
 topic and  
 17<sup>th</sup> Sep 2024 (if  
 second stage)



|   |
|---|
| <p><b>Destination 1: Biodiversity and Ecosystem Services</b></p> <ul style="list-style-type: none"> <li>• Understanding and addressing the main drivers of biodiversity loss</li> <li>• Biodiversity protection and restoration</li> <li>• Mainstreaming biodiversity in society and the economy</li> <li>• Biodiversity friendly practices in agriculture, forestry and aquaculture</li> <li>• Biodiversity and health</li> </ul>                |
| <p><b>Destination 2: Fair, healthy and environmentally-friendly food systems from primary production to consumption</b></p> <ul style="list-style-type: none"> <li>• Enabling sustainable farming</li> <li>• Enabling sustainable fisheries and aquaculture</li> <li>• Transforming food systems for health, sustainability and inclusion</li> <li>• Targeted international cooperation</li> </ul>  |
| <p><b>Destination 3: Circular economy and bioeconomy sectors</b></p> <ul style="list-style-type: none"> <li>• Enabling a circular economy transition</li> <li>• Innovating sustainable bio-based systems and the bioeconomy</li> <li>• Safeguarding the multiple functions of European forests</li> <li>• Innovating for blue economy and biotechnology value chains</li> </ul>   |
| <p><b>Destination 4: Clean environment and zero pollution</b></p> <ul style="list-style-type: none"> <li>• Halting emissions of pollutants to soils and waters</li> <li>• Protecting drinking water and managing urban water pollution</li> <li>• Addressing pollution on seas and oceans</li> <li>• Innovating for blue economy and biotechnology value chains</li> </ul>  |
| <p><b>Destination 5: Land, oceans and water for climate action</b></p>  |
| <p><b>Destination 6: Resilient, inclusive, healthy and green rural, coastal and urban communities</b></p>   |
| <p><b>Destination 7: Innovative governance, environmental observations and digital solutions in support of the Green Deal</b></p> <ul style="list-style-type: none"> <li>• Innovating with governance models and supporting policy</li> <li>• Deploying and adding value to Environmental Observations</li> <li>• Digital and data technologies as key enablers</li> <li>• Strengthening agricultural knowledge and innovation systems</li> </ul> |

# **Draft Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment Work Programme**

**Destination 1: Biodiversity and Ecosystem Services**

**Destination 2: Fair, healthy and environmentally-friendly food systems from primary production to consumption**

**Destination 3: Circular economy and bioeconomy sectors**

**Destination 4: Clean environment and zero pollution**

**Destination 5: Land, oceans and water for climate action**

**Destination 6: Resilient, inclusive, healthy and green rural, coastal and urban communities**

**Destination 7: Innovative governance, environmental observations and digital solutions in support of the Green Deal**

# Funding rates and main types of action

## Research and Innovation Action (RIA)

- Typically, low(ish) Technology Readiness Level
- Consortium of at least three different legal entities from three different eligible countries (all UK legal entities are classed as eligible). At least one consortium member must be from a Member State (MS)
- All participants receive 100% of eligible direct costs plus 25% for indirect costs

## Innovation Action (IA)

- Typically, high(er) Technology Readiness Level
- Consortium of at least three different legal entities from three different eligible countries. At least one must be from a MS
- All not-for-profit participants receive 100% of eligible direct costs plus 25% for indirect costs
- All for-profit participants receive 70% (60% if co-programmed partnerships) of eligible direct costs plus 25% for indirect costs

## Coordination and Support Action (CSA)

- As name suggests, for coordinating and supporting activities such as working groups, networking, regulation review, communications, organising EU conferences, etc
- Formally do not need a collaborative approach but often do to meet the scope. Must have at least one from a MS
- All participants receive 100% of eligible direct costs plus 25% for indirect costs

# Opportunities in 2023 Work Programme Opens Dec 2022 – March 2023

| Destination  | Subjects include  |
|--|---|
| Destination 1: Biodiversity and Ecosystem Services   | <ul style="list-style-type: none"><li>• Integrated Pest Management</li><li>• Pollinators</li><li>• Reducing biodiversity loss</li></ul>   |
| Destination 2: Fair, healthy and environmentally-friendly food systems from primary production to consumption.<br><u>Farm to Fork Strategy</u> | <ul style="list-style-type: none"><li>• Agroecology</li><li>• Organic cropping</li><li>• Livestock systems</li><li>• Animal and Plant Health</li><li>• Food Systems reducing food fraud</li></ul> |
| Destination 3: Circular economy and bioeconomy sectors   | <ul style="list-style-type: none"><li>• Sector specific circular bioeconomy solutions</li><li>• CCRI Circular Cities and Regions Initiative</li></ul>   |

# Opportunities in 2023 Work Programme Opens Dec 2022 – March 2023

| <b>Destination</b>  | <b>Subjects include</b>   |
|---|---|
| Destination 4: Clean environment and zero pollution   | <ul style="list-style-type: none"><li>• Halting pollution to air water and land</li><li>• Reducing environmental impact of production</li></ul>   |
| Destination 5: Land, oceans and water for climate action  | <ul style="list-style-type: none"><li>• Climate Smart farms</li><li>• Resource efficiency</li></ul>   |
| Destination 6: Resilient, inclusive, healthy and green rural, coastal and urban communities                         | <ul style="list-style-type: none"><li>• Social and economic actions across all communities</li></ul>  |
| Destination 7: Innovative governance, environmental observations and digital solutions in support of the Green Deal | <ul style="list-style-type: none"><li>• Application of digital technologies</li><li>• Agricultural Knowledge and Innovation Systems</li><li>• Building capacity in knowledge transfer work</li><li>• Improving governance and evidence based policy making.</li></ul> |

# Biodiversity and Environment Calls



# Destination 1: Biodiversity and Ecosystem Services

| Theme  | Key innovations in scope   | Number of topics | Indicative funding |
|--|--|------------------|--------------------|
| Understanding and addressing the main drivers of biodiversity loss       | <ul style="list-style-type: none"> <li>• Impact of chemical exposure on biodiversity</li> <li>• Interdisciplinary actions</li> <li>• Invasive alien species</li> </ul> | 4                | €47M               |
| Biodiversity protection and restoration                                  | <ul style="list-style-type: none"> <li>• Digital solutions</li> <li>• Marine and coastal actions</li> <li>• Habitats Directive</li> </ul>                              | 5                | €62M               |
| Mainstreaming biodiversity in society and the economy                    | <ul style="list-style-type: none"> <li>• Nature based solutions</li> <li>• Improving understanding of nature</li> </ul>  | 10               | €70M               |
| Biodiversity friendly practices in agriculture, forestry and aquaculture | <ul style="list-style-type: none"> <li>• IPM</li> <li>• Ecosystem services</li> <li>• Pollinators</li> </ul>   | 9                | €75M               |
| Biodiversity and health  | <ul style="list-style-type: none"> <li>• Links with zoonotic diseases</li> </ul>   | 1                | €12M               |

# Destination 1: Biodiversity and ecosystem services

| Topic Ref Number      | Topic Title  | Type of Action | Budgets €M (No of projects) |
|-----------------------|--|----------------|-----------------------------|
| CL6-2023-BIODIV-01-1  | Better understanding of routes of exposure and toxicological and ecological impacts of chemical pollution on terrestrial biodiversity. | RIA            | 22 (4)                      |
| CL6-2023-BIODIV-01-6  | Restoration of deep-sea habitats.  | IA             | 10 (1)                      |
| CL6-2023-BIODIV-01-7  | Demonstration of marine and coastal infrastructures as hybrid blue-grey Nature-based Solutions.  | IA             | 10 (2)                      |
| CL6-2023-BIODIV-01-9  | Biodiversity, economics and finance: unlocking financial flows towards reversing of biodiversity loss.                                 | RIA            | 5 (1)                       |
| CL6-2023-BIODIV-01-10 | Build up of knowledge on Nature Positive Economy and supporting its scale-up.  | RIA            | 5 (1)                       |
| CL6-2023-BIODIV-01-14 | Biodiversity friendly practices in agriculture – breeding for Integrated Pest Management (IPM).  | RIA            | 10 (2)                      |
| CL6-2023-BIODIV-01-17 | Interlinkages between biodiversity loss and degradation of ecosystems and the emergence of zoonotic diseases.                          | RIA            | 12 (3)                      |

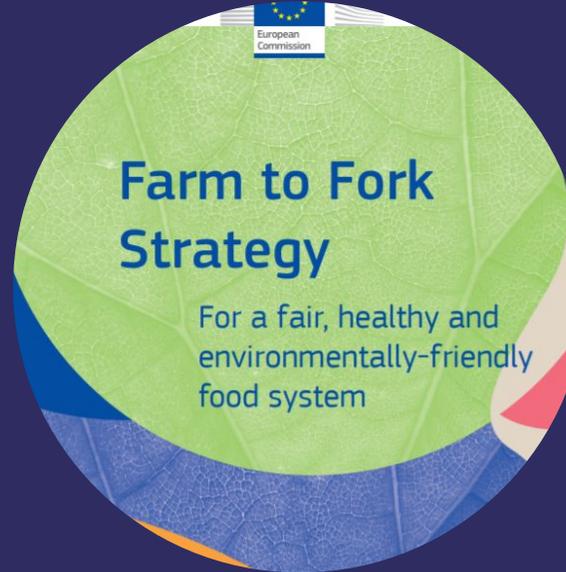
# Destination 4: Clean environment and zero pollution

| Theme  | Key innovations in scope   | Number of topics | Indicative funding |
|--|--|------------------|--------------------|
| Halting emissions of pollutants to soils and waters  | <ul style="list-style-type: none"><li>• Pollution prevention from nutrients</li><li>• Water management in agriculture</li></ul>                                    | 4                | €44M               |
| Protecting drinking water and managing urban water pollution                                 | <ul style="list-style-type: none"><li>• Water quality monitoring in urban areas</li></ul>  | 1                | €15M               |
| Addressing pollution on seas and oceans  | <ul style="list-style-type: none"><li>• Understanding, prevention and management of marine pollution</li></ul>   | 2                | €24.5M             |
| Increasing environmental performances and sustainability of bio-based processes and products | <ul style="list-style-type: none"><li>• Improved environmental sustainability in industrial biotechnology systems</li></ul>  | 5                | €42M               |
| Reducing the environmental impact and pollution in food systems                              | <ul style="list-style-type: none"><li>• Increase knowledge of environmental and climate impacts of food systems</li><li>• Reduction of plastic packaging</li></ul> | 2                | €15M               |

# Destination 4: Clean environment and zero pollution

| Topic Ref Number                         | Topic Title   | Type of Action (TRL) | Budgets € million (No of Projects) |
|--|---|----------------------|------------------------------------|
| CL6-2023-ZERO-POLLUTION-02-1 (two-stage) | Optimisation of manure use along the management chain to mitigate GHG emissions and minimize nutrients/contaminants | RIA                  | 7 (1)                              |
| CL6-2023-ZERO-POLLUTION-01-2             | Integrated assessment and monitoring of emerging pollutants.  | RIA                  | 12.5 (2)                           |
| CL6-2023-ZERO-POLLUTION-01-4             | Environmental sustainability and circularity criteria for industrial bio-based systems.                             | RIA                  | 8 (2)                              |
| CL6-2023-ZERO-POLLUTION-01-7             | Strategies to prevent and reduce plastic packaging pollution from the food system.                                  | RIA                  | 8 (2)                              |
| CL6-2024-ZERO-POLLUTION-02-1 (two-stage) | Holistic approaches for effective monitoring of water quality in urban areas.                                       | IA                   | 15 (3)                             |

# Fair, healthy and environmentally-friendly food systems from primary production to consumption



## Destination 2: Fair, healthy and environmentally-friendly food systems from primary production to consumption

| Theme  | Key innovations in scope  | Number of topics | Indicative funding |
|--|---|------------------|--------------------|
| Enabling sustainable farming                                       | <ul style="list-style-type: none"> <li>Organic farming</li> <li>Vaccines and diagnostics</li> <li>Plant and animal health actions</li> <li>Sustainable livestock systems</li> </ul>                     | 12               | €60M               |
| Enabling sustainable fisheries and aquaculture                     | <ul style="list-style-type: none"> <li>Minimising climate impact on production</li> <li>Use of AI in fisheries control</li> </ul>   | 3                | €20M               |
| Transforming food systems for health, sustainability and inclusion | <ul style="list-style-type: none"> <li>Resilient food systems</li> <li>Novel foods</li> <li>Prospects for cultured meats</li> <li>Microbiomes in food systems</li> <li>Combatting food fraud</li> </ul> | 16               | €67M               |
| Targeted international cooperation                                 | <ul style="list-style-type: none"> <li>African agriculture and food systems</li> <li>Food Safety</li> <li>Support for Food and Nutrition Security and Sustainable Agriculture (FNSSA)</li> </ul>        | 6                | €24M               |

## Destination 2 : Fair, healthy and environmentally-friendly food systems from primary production to consumption

| Topic Ref Number                     | Topic Title   | Type of Action/TRL | Budgets € million (No of projects) |
|--------------------------------------|---|--------------------|------------------------------------|
| CL6-2023-FARM2F ORK-01-5             | Advancing vaccine development for African swine fever.  | RIA                | 12 (2)                             |
| CL6-2023-FARM2F ORK-01-3             | Improving yields in organic crop systems.   | CSA                | 8 (2)                              |
| CL6-2024-FARM2F ORK-02-6 (two-stage) | Minimising climate impact on fisheries: mitigation and adaptation solutions for future climate regimes.   | IA                 | 9 (2)                              |
| CL6-2023-FARM2F ORK-01-14            | Providing marketing solutions to prevent and reduce food waste related to marketing standards.  | RIA                | 10 (2)                             |
| CL6-2023-FARM2F ORK-01-16            | Microbiomes fighting food waste through applicable solutions in food processing, packaging and shelf life.  | IA                 | 10 (2)                             |
| CL6-2023-FARM2F ORK-01-19            | Support to the markets and trade of agroecological food products under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership. | IA                 | 7 (1)                              |

# Circular Economy and Bioeconomy Sectors



# Destination 3: Circular Economy and the Bioeconomy

| Theme  | Key innovations in scope  | Number of topics | Indicative funding |
|--|---|------------------|--------------------|
| Enabling a circular economy transition   | <ul style="list-style-type: none"> <li>• Circular Cities and Regions Initiative</li> <li>• Circular solutions for specific sectors</li> <li>• Waste and water management</li> </ul> | 14               | €187M              |
| Innovating for sustainable bio-based systems, biotechnology and the bioeconomy | <ul style="list-style-type: none"> <li>• Fair transition from GHG to circular bioeconomy</li> <li>• Digital information systems</li> </ul>  | 14               | €94M               |
| Innovating for blue economy and biotechnology value chains                     | <ul style="list-style-type: none"> <li>• Blue biotechnology applications from aquatic organisms</li> </ul>  | 2                | €17M               |
| Safeguarding and sustainably innovating the multiple functions of EU forests   | <ul style="list-style-type: none"> <li>• Sustainable development of wood and wood products</li> <li>• Multi-functionality of European forests</li> </ul>                            | 3                | €28M               |

## Destination 3: Circular Economy and the Bioeconomy

| Topic Ref Number                  | Topic Title  | Type of Action | Budgets € million (No of Projects) |
|-----------------------------------|--|----------------|------------------------------------|
| CL6-2023-CircBio-01-2             | One hundred circular model households: making European households sustainable through inclusive circular practices.                              | IA             | 18 (3)                             |
| CL6-2023-CircBio-02-1 (two-stage) | Circular Cities and Regions Initiative (CCRI) circular systemic solutions.   | IA             | 58 (6)                             |
| CL6-2023-CircBio-01-4             | Land-based bioprospecting and production of bioactive compounds and functional materials for multiple bio-based value chains.                    | RIA            | 4 (1)                              |
| CL6-2023-CircBio-01-11            | Novel culturing of aquatic organisms for blue biotechnology applications   | RIA            | 8 (2)                              |
| CL6-2023-CircBio-01-12            | Optimising the sustainable production of wood and non-wood products in small forest properties and development of new forest-based value chains. | RIA            | 12 (2)                             |



**Land, oceans  
and water for  
climate action**

# Destination 5: Land, oceans and water for climate action

| Theme                                     | Key innovations in scope   | Number of topics | Indicative funding |
|---|--|------------------|--------------------|
| Land, oceans and water for climate action | <ul style="list-style-type: none"><li>• Climate positive farming networks</li><li>• Ocean modelling</li><li>• Land use change regional climate</li></ul> | 15               | €178M              |

## Destination 5: Land, oceans and water for climate action

| Topic Ref Number      | Topic Title  | Type of Action | Budgets<br>€ million<br>(No of projects) |
|-----------------------|--|----------------|--|
| CL6-2023-CLIMATE-01-2 | Improve the reliability and effectiveness of alternative water resources supply systems and technologies.      | IA             | 10 (3)                                   |
| CL6-2023-CLIMATE-01-3 | Ocean and coastal waters carbon- and biodiversity rich ecosystems and habitats in Europe and the Polar Regions | RIA            | 10 (2)                                   |
| CL6-2023-CLIMATE-01-4 | Demonstration network on climate-smart farming – linking research stations.                                    | RIA            | 20 (1)                                   |
| CL6-2023-CLIMATE-01-7 | Enhancing the sustainable production of renewable energy at farm-level.  | RIA            | 5 (1)                                    |
| CL6-2023-CLIMATE-01-8 | Closing the research gaps on Essential Ocean Variables (EOVs) in support of global assessments.                | RIA            | 17 (3)                                   |
| CL6-2024-CLIMATE-01-1 | Improving irrigation practices and technologies in agriculture.  | IA             | 10 (2)                                   |

**Resilient,  
inclusive healthy  
and green rural,  
coastal and urban  
communities**

**SUSTAINABLE CITIES  
AND COMMUNITIES**



# Destination 6: Resilient inclusive and healthy and green rural coastal and urban communities

| Theme   | Key innovations in scope   | Number of topics | Indicative funding |
|---|--|------------------|--------------------|
| Resilient inclusive and healthy and green rural coastal and urban communities | <ul style="list-style-type: none"> <li>• Rural social inclusion</li> <li>• Urban and rural governance</li> <li>• Climate neutral rural communities by 2050</li> <li>• Sustainable business models for farmers and rural communities</li> <li>• Urban food systems potential and impact</li> <li>• Communication of sustainability of food</li> </ul> | 13               | €127M              |

## Destination 6: Resilient inclusive and healthy and green rural coastal and urban communities

| Topic Ref Number                      | Topic Title  | Type of Action | Budgets (€ million) |
|---------------------------------------|--|----------------|---------------------|
| CL6-2023-COMMUNITIES-01-1             | Enhancing social inclusion in rural areas: focus on people in a vulnerable situation and social economy.             | RIA            | 10 (2)              |
| CL6-2023-COMMUNITIES-01-5             | Assessing urban farming impacts.   | RIA            | 5 (1)               |
| CL6-2023-COMMUNITIES-01-6             | Inclusive and smart ways to communicate sustainability of food.  | RIA            | 6.5 (1)             |
| CL6-2024-COMMUNITIES-02-1 (two-stage) | Innovating for climate-neutral rural communities by 2050.  | IA             | 10 (2)              |
| CL6-2024-COMMUNITIES-02-2 (two-stage) | New sustainable business and production models for farmers and rural communities.                                    | IA             | 12 (2)              |
| CL6-2024-COMMUNITIES-01-3             | Participation and empowerment of Arctic coastal, local, and indigenous communities in environmental decision-making. | RIA            | 3 (1)               |

Innovative  
governance,  
environmental  
observations and  
digital solutions in  
support of the  
Green Deal



## Destination 7: Innovative governance, environmental observations and digital solutions in support of the Green Deal

| Theme  | Key innovations in scope  | Number of topics | Indicative funding |
|--|---|------------------|--------------------|
| Innovating with governance models and supporting policy            | <ul style="list-style-type: none"> <li>• Food science network</li> <li>• Biobased business models and innovations</li> </ul>  | 12               | €139.5 M           |
| Deploying and adding value to Environmental Observations           | <ul style="list-style-type: none"> <li>• Climate observation, World Met. Organisation</li> <li>• Environmental compliance and protection</li> <li>• Climate change adaptation and mitigation</li> </ul>                                   | 6                | €47M               |
| Digital and data technologies as key enablers                      | <ul style="list-style-type: none"> <li>• Digital and data technologies for crops and livestock</li> <li>• Data driven solutions to sustainable food systems</li> <li>• Robotics in agriculture for improved working conditions</li> </ul> | 6                | €53M               |
| Strengthening agricultural knowledge and innovation systems (AKIS) | <ul style="list-style-type: none"> <li>• Supporting knowledge exchange</li> <li>• Thematic networks, compiling and sharing knowledge ready for practice</li> <li>• EU advisory networks on water use</li> </ul>                           | 11               | €48M               |

## Destination 7: Innovative governance environmental observations and digital solutions in support of the Green Deal

| Topic Ref Number          | Topic Title   | Type of Action | Budgets € million<br>(No of projects) |
|---------------------------|---|----------------|---------------------------------------|
| CL6-2023-GOVERNANCE-01-4  | Developing an interdisciplinary and inclusive pan-European academic network for food system science   | RIA            | 6 (1)                                 |
| CL6-2023-GOVERNANCE-01-6  | Co-creation and trust-building measures for biotechnology and bio-based innovation systems.   | CSA            | 1.5 (1)                               |
| CL6-2023-GOVERNANCE-01-9  | Coordination and supporting action to increase synergies in the dissemination and exploitation of climate observation by the World Meteorological Organization  | CSA            | 2 (1)                                 |
| CL6-2023-GOVERNANCE-01-14 | Digital and data technologies for livestock tracking.   | CSA            | 5 (1)                                 |
| CL6-2023-GOVERNANCE-01-15 | Digitalisation in agriculture and forestry: markets for data, and digital technologies and infrastructure – state of play and foresight in a fast changing regulatory, trade and technical environment. | RIA            | 5 (1)                                 |
| CL6-2023-GOVERNANCE-01-17 | Data-driven solutions to foster industry's contribution to inclusive and sustainable food systems.  | RIA            | 8 (2)                                 |
| CL6-2023-GOVERNANCE-01-19 | Thematic networks to compile and share knowledge ready for practice.  | CSA            | 6 (2)                                 |



## Other Related Funding Opportunities & Support for Applicants



**Catherine Holt**  
**UK National Contact Point**



# Other Funding



Innovate  
UK

# Overview of 49 candidate European Partnerships

## PILLAR II - Global challenges & European industrial competitiveness

## PILLAR III - Innovative Europe

| PILLAR II - Global challenges & European industrial competitiveness |                                      |   | PILLAR III - Innovative Europe                         |                                  |                                  |
|---|--------------------------------------|---|--|----------------------------------|----------------------------------|
| CLUSTER 1: Health   | CLUSTER 4: Digital, Industry & Space | CLUSTER 5: Climate, Energy & Mobility   | CLUSTER 6: Food, Bioeconomy, Agriculture, ...          | EIT                              | SUPPORT TO INNOVATION ECOSYSTEMS |
| Innovative Health Initiative  | Key Digital Technologies             | Clean Hydrogen                          | Circular Bio-based Europe                              | InnoEnergy                       | Innovative SMEs                  |
| Global Health Partnership   | Smart Networks & Services            | Clean Aviation                          | Rescuing Biodiversity to Safeguard Life on Earth       | Climate                          |                                  |
| Transformation of health systems                                    | High Performance Computing           | Single European Sky ATM Research 3      | Climate Neutral, Sustainable & Productive Blue Economy | Digital                          |                                  |
| Chemicals risk assessment   | European Metrology (Art. 185)        | Europe's Rail                           | Water4All  | Food                             |                                  |
| ERA for Health  | AI-Data-Robotics                     | Connected and Automated Mobility (CCAM) | Animal Health & Welfare*                               | Health                           |                                  |
| Rare diseases*  | Photonics                            | Batteries                               | Accelerating Farming Systems Transitions*              | Raw Materials                    |                                  |
| One-Health Anti Microbial Resistance*                               | Made in Europe                       | Zero-emission waterborne transport      | Agriculture of Data*                                   | Manufacturing                    |                                  |
| Personalised Medicine*  | Clean steel – low-carbon steelmaking | Zero-emission road transport            | Safe & Sustainable Food System*                        | Urban Mobility                   |                                  |
| Pandemic Preparedness*<br><i>Co-funded or co-programmed</i>         | Processes4Planet                     | Built4People                            |  | Cultural and Creative Industries |                                  |
|   | Global competitive space systems**   | Clean Energy Transition                 |  |                                  |                                  |
|   |                                      | Driving Urban Transitions               |  |                                  |                                  |

### CROSS-PILLARS II AND III

European Open Science Cloud

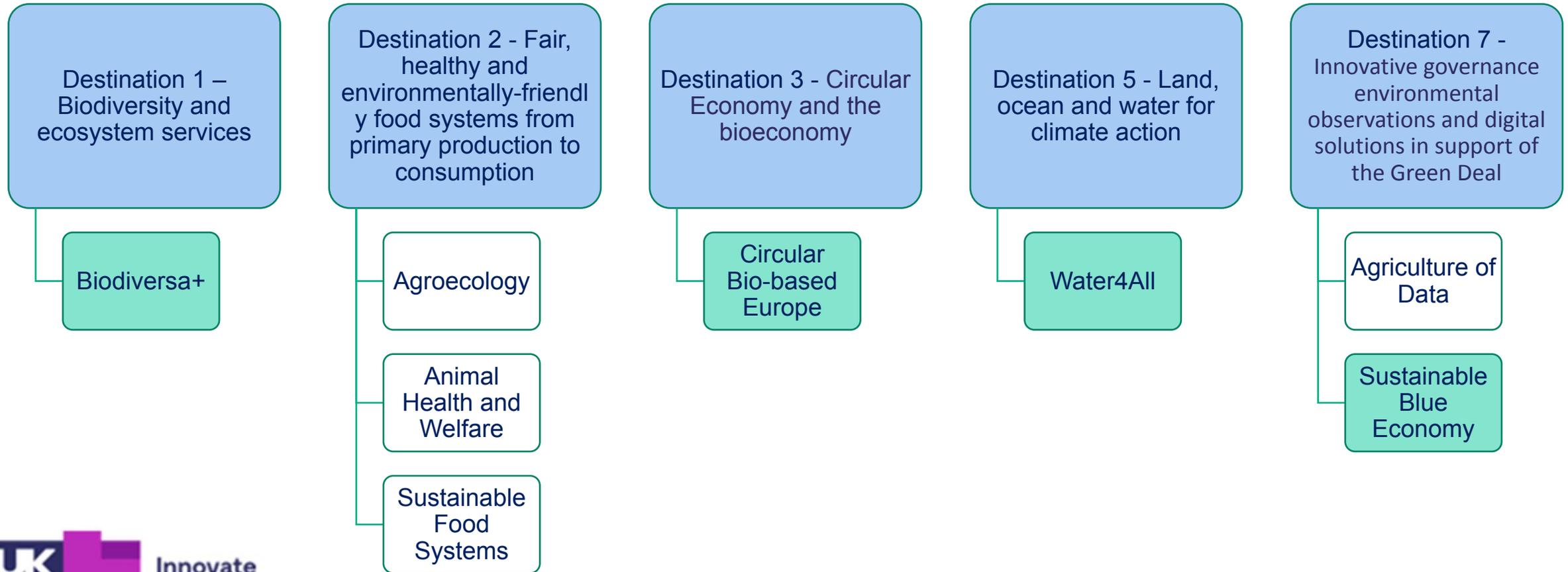
\* Calls with opening dates in 2023-24  
 \*\* Calls with opening dates not before 2022

# JPI AMR

The Joint Programming Initiative on Antimicrobial Resistance, **JPIAMR**, is a global collaborative organisation and platform, engaging 29 nations to curb antimicrobial resistance (AMR) with a One Health approach.

- [Pre-announcement: diagnostics and surveillance of antimicrobial resistance \(JPIAMR\)](#). Funding Opportunity with BBRSC, Medical Research Council (MRC) Engineering and Physical Science Research Council (EPSRC) and Innovate UK (IUK) and partners.
- Opens 10th Jan 2023 – 7<sup>th</sup> March 2023
- Apply for funding for transnational research consortia to develop innovative strategies, tools, technologies and methods for diagnostics and surveillance of antimicrobial resistance (AMR).
- We are looking to combine researchers from multiple countries. Research projects should support the development or improvement of existing strategies, tools, technologies, and methods for either:
  - diagnosis of AMR
  - detection, collection, analysis and use of data on AMR and use to support the prudent and rational use of antimicrobials

# Cluster 6 European partnerships



# Cluster 6 European partnerships

| Partnerships   | Website Links   |
|--|---|
| Rescuing Biodiversity to Safeguard Life on Earth (Biodiversa+) | <a href="https://www.biodiversa.eu">https://www.biodiversa.eu</a>   |
| Circular Based Bioeconomy                                      | <a href="https://www.cbe.europa.eu">https://www.cbe.europa.eu</a>   |
| Water4All  | <a href="https://water4all-partnership.eu">https://water4all-partnership.eu</a>   |
| Climate Neutral, Sustainable & Productive Blue Economy         | <a href="https://bluepartnership.eu">https://bluepartnership.eu</a>   |
| Safe & Sustainable Food System                                 | <a href="https://research-and-innovation.ec.europa.eu/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/european-partnerships-horizon-europe/food-bioeconomy-natural-resources-agriculture-and-environment_en">https://research-and-innovation.ec.europa.eu/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/european-partnerships-horizon-europe/food-bioeconomy-natural-resources-agriculture-and-environment_en</a> |
| Animal Health and Welfare                                      |   |
| Accelerating Farming Systems Transitions                       |   |
| Agriculture of Data  |   |

# Horizon Europe Missions

- The Missions are more than a traditional research and innovation programme.
- They are an ambitious commitment for transformation, engaging citizens, the public and private sector with their focus on people.
- The Missions have €5 billion (€1 billion for each mission) to fund these large ambitions from the Horizon budget.

Adaptation to  
Climate Change



Cancer



Climate-neutral  
and Smart Cities



Restore our  
Ocean and Waters



Soil Deal  
for Europe





# Goal of mission “A Soil Deal for Europe”: 100 living labs and lighthouses to lead the transition towards healthy soils by 2030

## Specific objectives

1. Reduce desertification

2. Conserve soil organic carbon stocks

3. Stop soil sealing and increase re-use of urban soils

4. Reduce soil pollution and enhance restoration



5. Prevent erosion

6. Improve soil structure to enhance soil biodiversity

7. Reduce the EU global footprint on soils

8. Improve soil literacy in society

Each specific objective is backed by **one or more quantified targets and measurable indicators**. Objectives apply to **all types of land use**.



# European Mission

## Restore our Ocean and Waters by 2030

- The EU's ocean, seas and waters are being degraded as a result of human activities
- Progress in reaching good environmental status in EU marine waters has been slow
- Their health is linked to the health of Europe's rivers and waters that flow into or are connected to the sea

*The EU can only fulfil its European Green Deal objectives by restoring the good health of the hydrosphere*



### Restore the health of our oceans and waters by 2030

- Protect and restore marine and freshwater ecosystems and biodiversity
- Prevent and eliminate pollution of our ocean, seas and waters
- Make the sustainable blue economy carbon-neutral and circular

# EIC Accelerator

## Who can apply?

- Single start-ups and SMEs (including spin-outs),
- individuals (intending to launch a start-up/ SME) and
- in exceptional cases small mid-caps (fewer than 499 employees)

## What for?

- Grant only (**UK Based**) – 70%
- Up to €2.5M for innovation activities (up to TRL8)

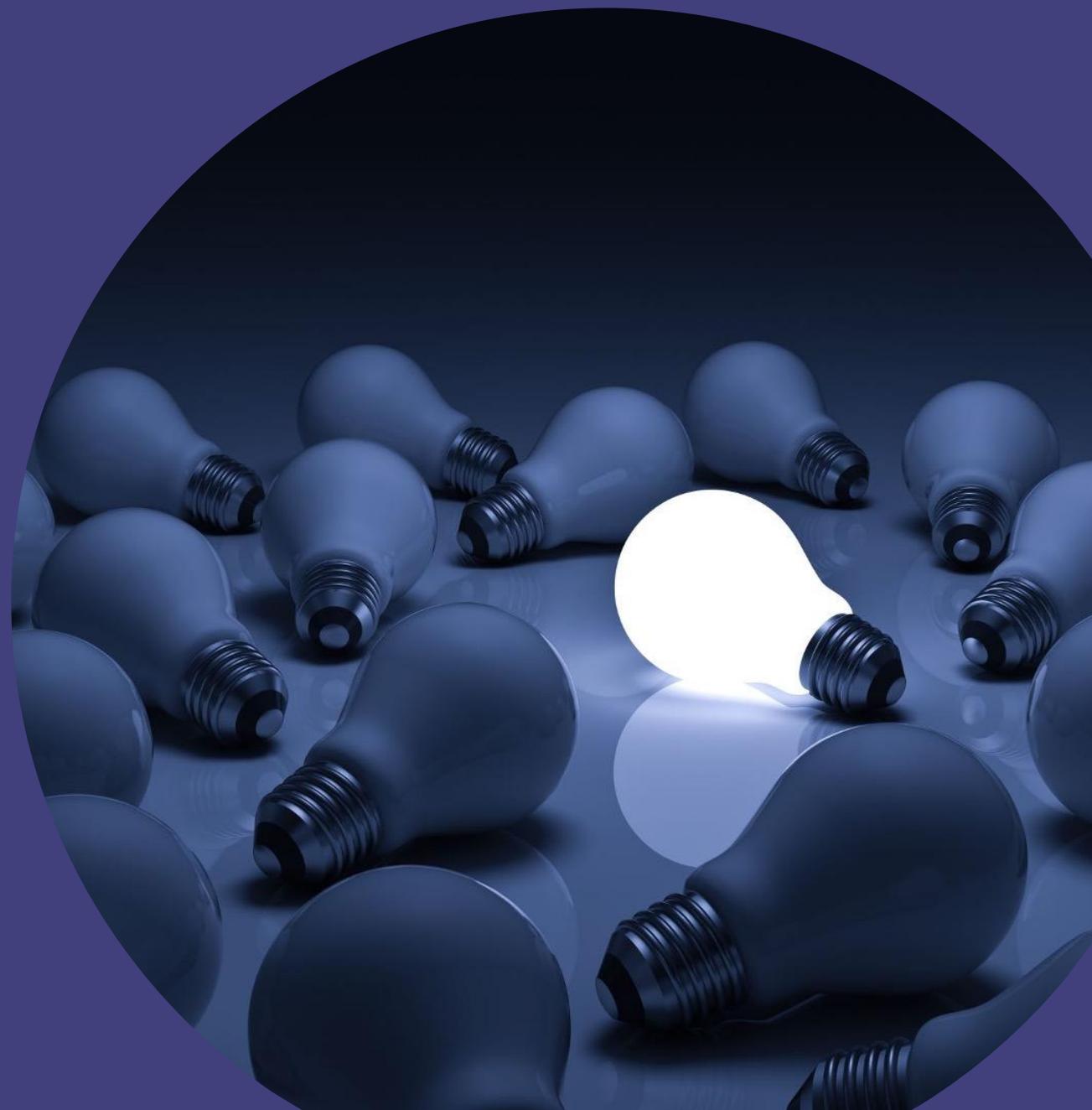


# EIC Accelerator Challenges

## Emerging and strategic technologies

- Biomarker assays for cancer (Info Day 3 Feb)
- Decontamination for pandemic management (tbc)
- Energy storage (Info Day 1 February)
- New European Bauhaus & ACE digitisation for decarbonisation (Info Day 2 February)
- Quantum computers and quantum sensors (Info Day 9 February)
- Semiconductors (Info Day 9 Feb)
- **Novel tech for Resilient Agriculture (Info Day 31 January)**
- Space technologies and services (Info Day 26 January)

# Support and Information



# National Contact Points

UK NCP network - support for each area of Horizon Europe

International NCP network – support in Member States, Associated Countries and Third Countries

NCP services vary in each country, but typically include:



**Informing, awareness raising** – on Horizon Europe and other EU programmes



**Assisting, advising and training** – to improve the quality of Horizon Europe proposals



**Signposting and cooperation** – direct to relevant support and work with each other to support consortium development

# Other support services

- **The UK Knowledge Transfer Network (KTN)** has deep thematic knowledge and networks including in Europe to help companies identify opportunities and partners. It supports NCPs with their thematic activities.
- **Innovate UK EDGE**: Network around the UK providing local help. First point of contact for UK small businesses on the European Innovation Council (EIC) and other business support. They also have access to a large database of UK/other companies seeking collaboration.
- **UK Research Office (UKRO)**:
  - UK NCPs for the European Research Council and Marie Skłodowska-Curie Actions
  - Regularly updated factsheet on UK participation on EU funded programmes – accessible by all
  - Those based at subscribing organisations can also get support on other areas of Horizon Europe and can register for updates
- **EU Intellectual Property (IP) Helpdesk**: very useful free to use helpdesk including helpline, training events and templates, guides and proformas (including Consortium Agreements, MOUs, NDA templates, how to write an exploitation and dissemination plan).

# Support services – regional support

## Northern Ireland

- **NICP (Northern Ireland Contact Point) Network**: provides regional advice and support to potential NI Horizon Europe applicants by way of assistance with identifying areas of relevance within the competitive calls, help with application completion, identifying collaborative partners for applications, organising events & workshops, and engaging with National Contact Points

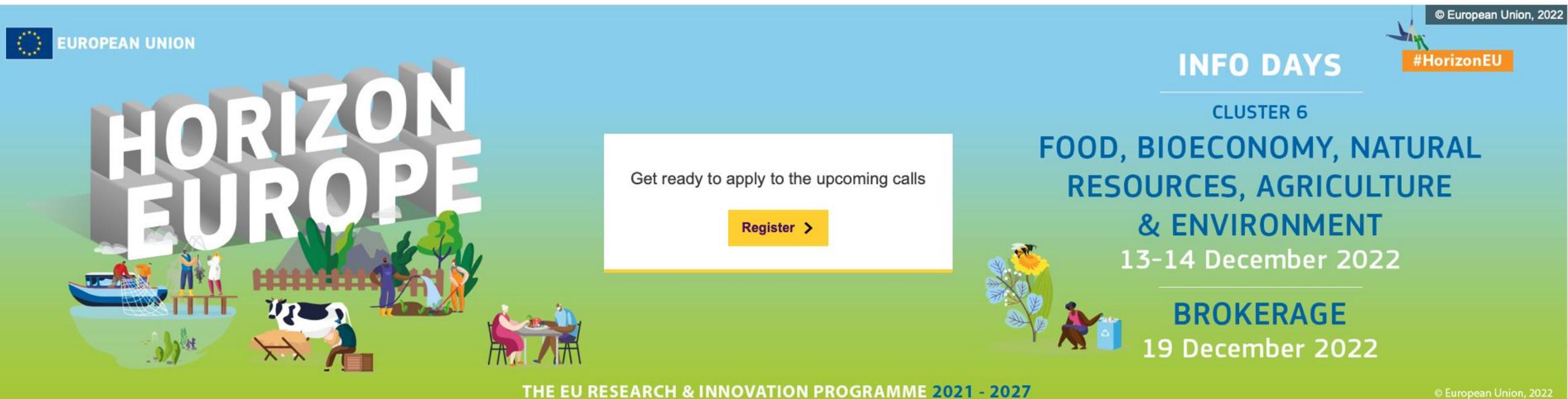
## Scotland

- Annmarie Reid is the **regional contact point in Scotland** for Horizon Europe. She can help coordinate a range of support depending on your needs and is based at Scotland Europa (Scottish Enterprise).

## Wales

- **Horizon Europe Unit**: dedicated team supporting Welsh organisations to access Horizon Europe opportunities. Based within the Welsh European Funding Office (WEFO), Welsh Government.
  - **Horizon Europe Unit - SCoRE Cymru Scheme**: provides financial support, travel and expertise (bid writing) for Welsh organisations looking to access European research and innovation programmes like Horizon Europe. Further information is available by [emailing the Horizon Europe Unit](#).

# EC Info Day and Brokerage Event



The banner features a light blue background with a green gradient at the bottom. On the left, the words 'HORIZON EUROPE' are written in large, white, 3D block letters. Below the text is an illustration of various agricultural and environmental scenes: a blue boat with people on a lake, a cow in a field, a person working in a garden, and people sitting at a table. In the top left corner is the European Union flag and the text 'EUROPEAN UNION'. In the top right corner is the text '© European Union, 2022' and a small graphic of a bird. A central white box contains the text 'Get ready to apply to the upcoming calls' and a yellow 'Register >' button. On the right side, the text 'INFO DAYS' is written in white, followed by 'CLUSTER 6' in blue, and 'FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE & ENVIRONMENT' in large blue letters. Below this, the dates '13-14 December 2022' are shown. Further down, 'BROKERAGE' is written in blue, followed by the date '19 December 2022'. A small illustration of a person with a recycling bin is also present. At the bottom center, the text 'THE EU RESEARCH & INNOVATION PROGRAMME 2021 - 2027' is written in blue. In the bottom right corner, '© European Union, 2022' is written in small text.

EUROPEAN UNION

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#HorizonEU

## HORIZON EUROPE

Get ready to apply to the upcoming calls

Register >

INFO DAYS

CLUSTER 6

FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE & ENVIRONMENT

13-14 December 2022

BROKERAGE

19 December 2022

THE EU RESEARCH & INNOVATION PROGRAMME 2021 - 2027

© European Union, 2022

[https://rea.ec.europa.eu/funding-and-grants/horizon-europe-cluster-6-food-bioeconomy-natural-resources-agriculture-and-environment\\_en](https://rea.ec.europa.eu/funding-and-grants/horizon-europe-cluster-6-food-bioeconomy-natural-resources-agriculture-and-environment_en)

# Cluster 6 NCP Network



- Care4bio NCP network for Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment.
- 26 partners around Europe to support Cluster 6 participants
- Provides information, seminars, workshops and contact information all in one place.
- <https://horizoneuropencppportal.eu/cluster-6>

# NCP contact details

**Cluster 6** - [ncp-food-bio-marine@iuk.ukri.org](mailto:ncp-food-bio-marine@iuk.ukri.org)

- [Helen.Sweeney@iuk.ukri.org](mailto:Helen.Sweeney@iuk.ukri.org) Destinations 2, 5, 6 & 7
- [Catherine.Holt@iuk.ukri.org](mailto:Catherine.Holt@iuk.ukri.org) Destinations 1 & 4
- [Paul.Bello@iuk.ukri.org](mailto:Paul.Bello@iuk.ukri.org) Destination 3

**EIC** - [Claire.Griffin@iuk.ukri.org](mailto:Claire.Griffin@iuk.ukri.org)

**Legal and Finance** - [Christopher.Young@iuk.ukri.org](mailto:Christopher.Young@iuk.ukri.org)



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# Thank you



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# Q&A Panel



**Viola Hay**  
Knowledge Transfer Manager



# Key dates & Key Messages

## Some Key dates for you

### EU info days

[https://research-and-innovation.ec.europa.eu/events/horizon-europe-info-days\\_en](https://research-and-innovation.ec.europa.eu/events/horizon-europe-info-days_en)

- Health (Cluster 1): 19 January 2023
- Culture, Creativity and Inclusive Society (Cluster 2): 17 January 2023
- Digital, Industry and Space (Cluster 4) Info day – 12 - 14 December 2022
- Climate, Energy and Mobility (Cluster 5) Info day – 15 - 16 December 2022
- Food, Bioeconomy (Cluster 6) info day – 13 - 14 December 2022
- Research Infrastructures: 6 December 2022
- Marie Skłodowska-Curie: 7 December 2023 (*Staff exchanges*)



## Horizon Europe

Horizon Europe is an opportunity for all types of UK organisations (including businesses and academia) to get funding for research and innovation. For UK businesses this is an opportunity to collaborate with partners with the right expertise to expand markets and accelerate innovation across Europe and internationally.

UK Horizon Europe Hub <https://ktn-uk.org/programme/european/>

### Horizon Europe Webinar Series

- 1 December 2022, 10am-12pm GMT – Cluster 5: Climate, Energy and Mobility
- 2 December 2022, 10am-12pm GMT – Cluster 1: Health
- 6 December 2022, 10-12pm GMT – Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment
- 7 December 2022, 10am-12pm GMT – Cluster 2: Culture, Creativity and Inclusive Society
- 8 December 2022, 10am-12pm GMT – Cluster 4: Digital, Industry and Space
- 15 December 2022, 10am-12pm GMT – Cluster 3: Civil Security for Society

[REGISTER HERE](#)

“UK Horizon Europe Hub” <https://ktn-uk.org/programme/european/>





## UK Research and Development Roadmap (page 43)

*“.....It is our ambition to fully associate to both programmes if we can agree a fair and balanced deal, but we will make a final decision once it is clear whether such terms can be reached. If we are formally associated to Horizon Europe, the funding for UK participants will be allocated to the relevant UK organisations by the EU. In this scenario, if there were **any gap before we became formally associated, we would implement short-term alternative funding arrangements** through proven, attractive UK schemes. During any gap, we would provide funding to UK partners who are successful in bidding to programmes open to third country participation....”*



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KTN