



# Interreg

## España - Portugal

### IMPACT RIS3T

Fondo Europeo de Desarrollo Regional  
Fundo Europeu de Desenvolvimento Regional



UNIÃO EUROPEIA  
UNIÓN EUROPEA



### RIS3T Galicia-Região Norte

# HORIZON EUROPE

## Food, Bioeconomy, Natural Resources, Agriculture and Environment

### Cluster #6/11/05/21



Estratégia de  
Especialização  
Inteligente  
Transfronteiriça  
Galiza-Norte de Portugal  
(RIS3T)







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Enriching lives, o

European Ma  
and Fisheries  
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European Uni  
European Structural  
and Investment Fun



THE EU RESEARCH & INNOVATION PROGRAMME

# HORIZON EUROPE

#HorizonEU

Investing in  
OUR FUTURE  
together

EUROPEAN UNION



© European Union, 2020





# Technology Readiness Levels



Research



Develop



Deploy

# Main Type of Actions

Action	Funding*	Technology Readiness Level (TRL)	Main Characteristics
RIA – <b>Research &amp; Innovation Action</b>	100% + 25%	Low TRL (4-6)	Basic and applied <b>research</b> , technology development and integration, <b>testing</b> and validation on small-scale prototype in laboratory or simulated environment
IA – <b>Innovation Action*</b>	70% + 25%	High TRL (6-8)	<b>Prototyping</b> , testing, demonstrating, piloting, large-scale product validation and <b>market replication</b>
CSA - <b>Coordination &amp; Support Action</b>	100% + 25%		<b>Networking</b> , coordination or <b>support services</b> , policy dialogues and mutual learning exercises and studies

\* Non profit – always 100%





### Pillar 1 EXCELLENT SCIENCE

European Research Council

Marie Skłodowska-Curie Actions

Research Infrastructures



### Pillar 2 GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

Clusters

- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre



### Pillar 3 INNOVATIVE EUROPE

European Innovation Council

European innovation ecosystems

European Institute  
of Innovation and Technology

## WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system



# Cluster 6: policy context



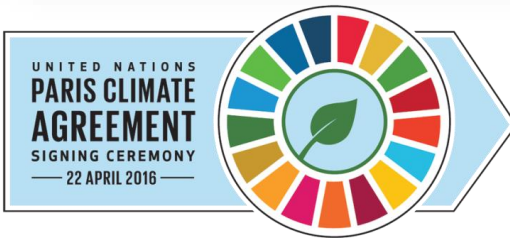
CAP & EIP-AGRI



Bioeconomy strategy



Circular economy



**United Nations**  
Framework Convention on  
Climate Change



Climate & energy



Digital single market



Destination

- Introduction and impacts
- Table with deadlines, calls and budgets

Call

- Topic Identification
- Type of project and # Projects expected to be funded

\$ Topic \$

- Specific eligibility criteria

Cluster

Destination

# HORIZON-CL6-2021-BIODIV-01-01

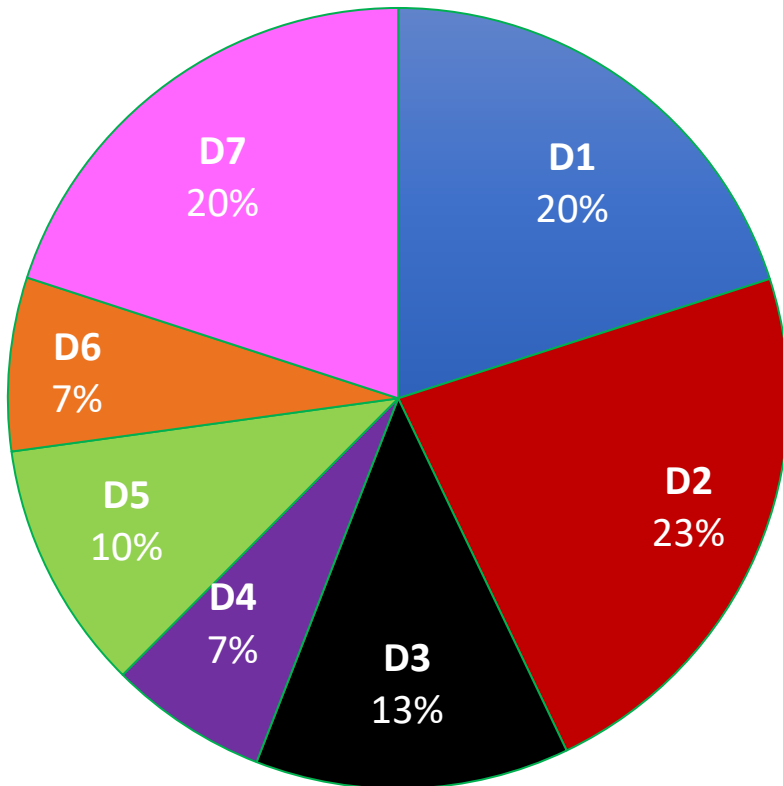
Call

Opening  
Date

Topic



# CLUSTER 6 | WP 2021-2022 BUDGET DISTRIBUTION PER DESTINATION



**D1: Biodiversity and Ecosystem Services**

**D2 –Food systems**

**D3 – Circular economy and bioeconomy**

**D4 – Clean environment and zero pollution**

**D5 – Climate action**

**D6 – Rural, coastal and urban**

**D7 – Governance, EO and digital**

Indicative WP 2021-2022: 1 768 M€  
Indicative WPs 2021-2027: 6 500 M€

▪ **HORIZON-CL6-2021-BIODIV-01-02: Data and technologies for the inventory, fast identification and monitoring of endangered wildlife and other species groups**

Specific conditions	
Expected-EU contribution-per-project	The EU estimates that an EU contribution of <b>between EUR 3.00 and 5.00 million</b> would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts
Indicative budget	<b>The total indicative budget</b> for the topic is EUR 10.00 million
Type of Action	<b>Research and Innovation Actions</b>
Eligibility conditions	The conditions are described in General Annex B. <b>The following exceptions apply:</b> If projects use satellite-based earth observation, positioning, navigation and/or related timing data and services, beneficiaries must make use of Copernicus and/or Galileo/EGNOS (other data and services may additionally be used)

**Expected Outcome:** In support of the implementation of the Green Deal, the EU Biodiversity Strategy 2030 and the Birds and Habitats Directives, successful proposals will contribute to bridge taxonomic and monitoring gaps, by providing methods, data, knowledge and models on the conservation status and ecological requirements of species and habitats, to better understand and address biodiversity decline, its main direct drivers and their interrelations

Projects results are expected to contribute to some of the following expected outcomes:

- Systemic, integrated and (open-)standardised data, knowledge and models on the conservation status and ecological requirements of species and habitats, with a focus on those covered by the Birds and Habitats Directives and IUCN Red List. This will lead to better management of protected sites and species, in particular with a view to setting conservation objectives and developing appropriately designed and effective management plans
- Bridge taxonomic and monitoring gaps by developing, testing and implementing enabling tools, technologies and fast identification methodologies and the development of integrated monitoring systems across Europe on wildlife species that can help identify

- Integrative taxonomy to inventory pollinator species (bees, butterflies, moths and hoverflies), soil fauna (mites, springtails, woodlice, millipedes and earthworms) and/or other threatened species groups

**Scope:** The EU Biodiversity Strategy contains concrete objectives to protect and restore biodiversity and to address the main pressures and threats to biodiversity. In order to reach them, basic research is required to better understand, monitor, observe and manage biodiversity, including in protected areas. Such knowledge is also indispensable to support the protection and restoration of natural capital and ecosystems

Better data on species, biodiversity and ecosystems will also facilitate the mainstreaming of biodiversity preservation into other sectors, such as agriculture, transport, energy or the bioeconomy. There is a need for systemic and standardized biodiversity data on the ground, with a view to build up our knowledge on the status and trends of habitats and species and ecosystems, and on the drivers of decline

The quality, relevance and cost-effectiveness of monitoring needs to be increased, inter alia by developing, testing and implementing new (long-term) approaches making use of recent technological advances and existing data from multiple origins (e.g. observation data, remote sensing, DNA technologies, big data analysis, AI, deep learning, historical records, use of citizen science and volunteer expert data). Projects should integrate data, knowledge and models on the conservation status of species and habitats, with a focus on those covered by the Birds and Habitats Directives

Particular regard needs to be paid to those species and habitats, for which still knowledge gaps exist, and to those that will be prioritised for conservation action in line with the EU Biodiversity Strategy 2030, such as pollinators, sea birds, marine mammals, invertebrates, amphibians, reptiles, bats, mosses, lichens, wetlands, coastal and marine areas, grasslands, mires, bogs and fens, heathland and shrubs

The biogeographical approach of the Natura 2000 network needs to be taken into account. In the case the proposal decides to address the expected pollinator-related outcomes, projects should produce an inventory of pollinator species through integrative taxonomy, and bridge taxonomic gaps by developing tools (field guides, identification keys, national reference collections and checklists, European online ID platform, image recognition/apps, digitalized collections, etc.) with regard to bees, butterflies, moths and hoverflies

Projects should contribute their data to and earmark the necessary resources for cooperation with the Knowledge Centre for Biodiversity and should promote synergies with the European

## Calls timeline % deadlines



Call Id 2021 one stage	Call Id 2022 one stage	Call Id 2022 two stage
<p>Opening: 18 May 2021</p> <p>Deadline(s): 01 Sep 2021</p>	<p>Opening: 28 Oct 2021</p> <p>Deadline(s): 15 Feb 2022</p>	<p>Opening: 28 Oct 2021</p> <p>Deadline(s): 15 Feb 2022 (First Stage) 01 Sep 2022 (Second Stage)</p>

***Infoday calls 2021 with brokerage in june***

All Horizon Europe calls for proposals will be published on the [EU Funding and Tender portal](#)







# PARTNERSHIPS IN CLUSTER 6 (1)

Environm

- Environmental observations for a sustainable EU agriculture (**Agriculture of data**)
- Rescuing **biodiversity** to safeguard life on Earth (2021)

Agro & Food

- Accelerating farming system transition: **agroecology** living labs and research infrastructures
- **Animal health**: fighting infectious diseases
- Safe and sustainable **Food Systems** for People, Planet & Climate

Blue

- A climate neutral, sustainable and productive **Blue Economy** (2022)
- **Water4All**: water security for the planet (2021)

Bio

- **Circular bio-based Europe**

Co-funded

Institutionalised

[https://ec.europa.eu/info/horizon-europe/european-partnerships-horizon-europe/candidates-food-security\\_en](https://ec.europa.eu/info/horizon-europe/european-partnerships-horizon-europe/candidates-food-security_en)





**Easiest way to  
beat 50% of the  
other proposers...**



# Read the Work Programme!

(and follow it)













# Infodays Matchmaking

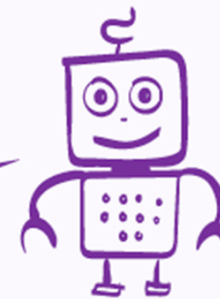


# EUROPEAN RESEARCH & INNOVATION DAYS

23 → 24  
JUNE 2021

#RiDaysEU

DIGITAL EVENT





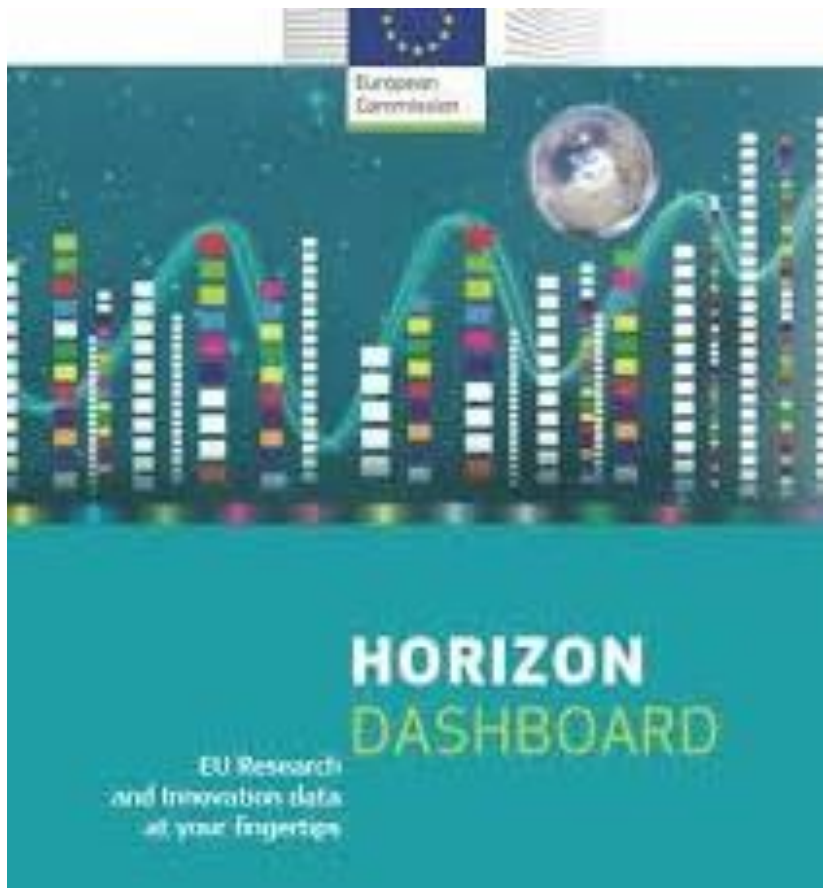


# Register @ Funding and Tenders Portal







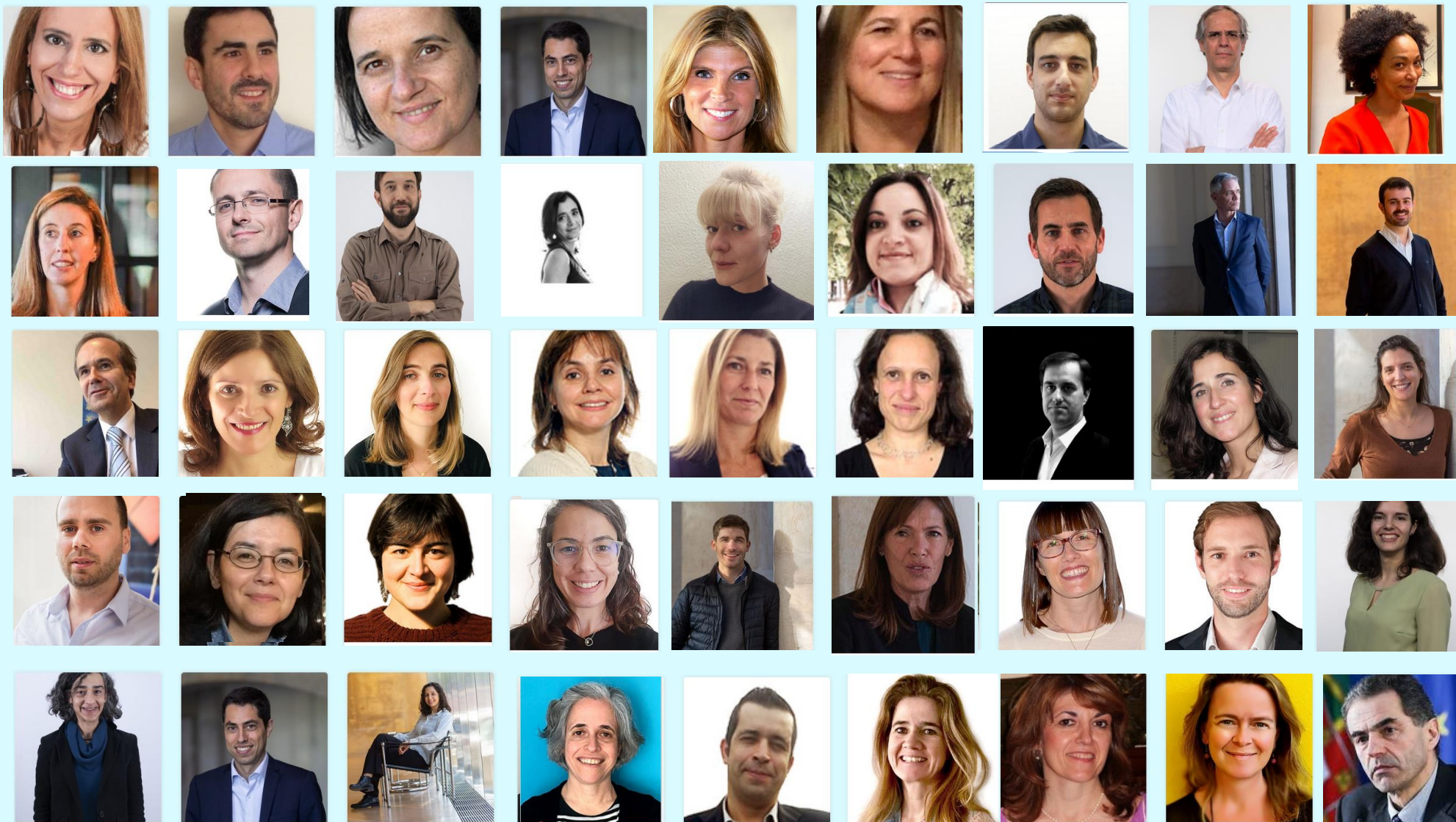


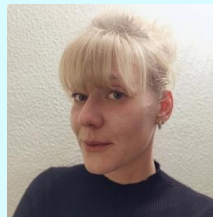










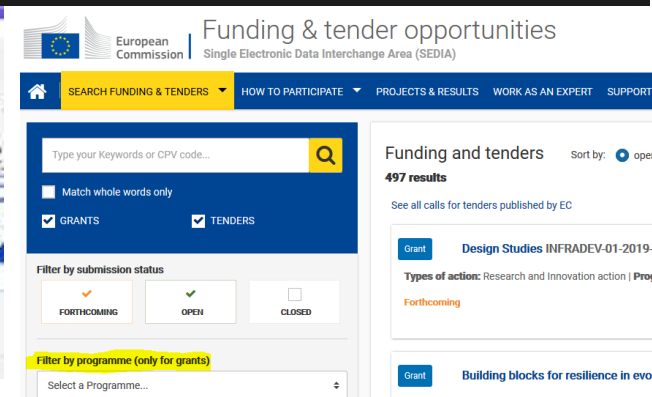








# Formação

















#impactRIS3T