



# Cluster 6

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

Matthew Clarke | 25<sup>th</sup> March 2021



**HORIZON  
EUROPE**



THE EU RESEARCH & INNOVATION  
PROGRAMME 2021 - 2027

#HorizonEU



An Roinn Breiseoidéachais agus Ardoideachais,  
Taighde, Nuálaíochta agus Eolaíochta  
Department of Further and Higher Education,  
Research, Innovation and Science



Department of  
**Agriculture,  
Food and the Marine**  
An Roinn  
**Talmhaíochta,  
Bia agus Mara**

**iuua** | IRISH  
UNIVERSITIES  
ASSOCIATION



**sea** | SUSTAINABLE  
ENERGY AUTHORITY  
OF IRELAND

**Marine Institute**  
Foras na Mara

IRISH RESEARCH COUNCIL  
An Chomhairle um Thaighde in Éirinn

Science  
Foundation  
Ireland  
For what's next

**ENTERPRISE  
IRELAND**

# Seven Destinations in Cluster 6

1. Biodiversity and ecosystem services
2. Fair, healthy and environmentally-friendly food systems from primary production to consumption
3. Circular economy and bioeconomy sectors
4. Clean environment and zero pollution
5. Land, oceans and water for climate action
6. Resilient, inclusive, healthy and green rural, coastal and urban communities
7. Innovative governance, environmental observations and digital solutions in support of the Green Deal

Fiona Grant – Marine Institute – [Fiona.Grant@Marine.ie](mailto:Fiona.Grant@Marine.ie)

Mark Sweeney – Enterprise Ireland – [Mark.Sweeney@enterprise-ireland.com](mailto:Mark.Sweeney@enterprise-ireland.com)

Matthew Clarke – Department of Agriculture, Food and the Marine –  
[Matthew.Clarke@agriculture.gov.ie](mailto:Matthew.Clarke@agriculture.gov.ie)

# 102 Topics in Cluster 6 for 2021

Opening 15<sup>th</sup> of Apr '21 – Closing 1<sup>st</sup> of Sept '21\*

<u>Destination</u>	<u>Number of Topics</u>	<u>Budget €M</u>	<u>Range</u>	<u>Number of Projects</u>
Biodiversity	22	214.5	0.5 – 20	35
Food Systems	19	186	2 – 12	29
Bioeconomy	9	125	0.4 – 10	25
Zero Pollution	10	65	2 – 7	19
Climate Action	10	108	3 – 10	15
Coastal Communities	6	53	5 – 12	8
Governance	26	196	2 – 13	42
<b>TOTAL</b>	<b>102</b>	<b>947.5</b>	<b>0.4 – 20</b>	<b>173</b>



Adaptation to climate change, including societal transformation



Healthy oceans, seas, coastal and inland waters

**Mission areas**



Cancer



Climate-neutral and smart cities



Soil health and food

# Missions in Cluster 6

Separate Work Programme for 2021 and 2022 to be updated

1 to 2 Topics per Mission opening on the 12<sup>th</sup> of May 2021 and closing on the 9<sup>th</sup> of September.

# Topics for Missions in Cluster 6

Opening 12<sup>th</sup> of May '21– Closing 9<sup>th</sup> of Sept '21\*

<u>Mission</u>	<u>Topic</u>	<u>Type</u>	<u>Budget €M</u>
Climate	Better prepared regional and local authorities to adapt to climate change	CSA	5.0
Oceans	Preparation for deployment of 'lighthouse demonstrators' and solution scale ups and cross-cutting citizen and stakeholder involvement	CSA	5.0
Cities	Supporting national, regional and local authorities across Europe to prepare for the transition towards climate neutrality within cities	CSA	2.0
Cities	Collaborative local governance models to accelerate the emblematic transformation of urban environment and contribute to the New European Bauhaus initiative and the objectives of the European Green Deal	CSA	2.0
Soil	Preparing the ground for healthy soils: building capacities for engagement, outreach and knowledge	RIA	5.0
Destination	Deployment of missions at the national level - Transnational cooperation on the missions-approach	CSA	2.0
Destination	Support the deployment of lighthouse demonstrators for the New European Bauhaus initiative in the context of Horizon Europe missions	CSA	5 X 5 = 25.0

## 8 Partnerships in Cluster 6

1. European partnership for rescuing biodiversity to safeguard life on earth (2021)
2. European partnership water security for the planet (Water4All) (2021)
3. Circular Bio-based Europe Joint Undertaking CBE JU (2021/2022)
4. European partnership for a climate neutral, sustainable and productive Blue Economy (2022)
5. European partnership for safe and sustainable food systems (2023/2024)
6. Agroecology living labs and research infrastructures (2023/2024)
7. European Partnership for animal health and welfare (2023/2024)
8. Agriculture of data (2023/2024)

# Upcoming Dates to Note

Marine brokerage event on the 28<sup>th</sup> of April, in  
Conjunction with the Marine Institute, EEN and EI

<https://horizon-europe-marine-brokerage-event.b2match.io/>

EU Research & Innovation Days 23 and 24 June

<https://research-innovation-days.ec.europa.eu/>





THANK YOU

