



### Europa Media Trainings

### From idea to Horizon Europe proposal A hands-on approach

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# **Funding & Tenders Portal**

### **FINDING A CALL**

#### SEARCH FUNDING & TENDERS 🔻 HOW TO PARTICIPATE 👻 PROJECTS & RESULTS WORK AS AN EXPERT SUPPORT 💌

Find calls for proposals	and tenders					ERA corona platform Brexit info
Search calls for proposals and tenders I	by keywords, programmes				🔍 Search	News
EU Programmes						20 Sep, 2021 Webinar on avoiding errors in personnel cost accounting in Horizon 2020 grants, 30 September 2021, 10:00 CEST On 30 September 2021 from 10:00 to 12:00 (CEST, Brussels time) the Commission is organising a webinar on the rules for reporting costs in grants under Horizon 2
Asylum, Migration and Integration Fund (AMIF)	Border Management and Visa Instrument (BMVI)	Customs Control Equipment Instrument (CCEI)	Connecting Europe Facility (CEF)	Citizens, Equality, Rights and Values Programme (CERV)	Creative Europe (CREA)	17 Sep, 2021 Virtual Brokerage Event for Cluster 2 in Horizon Europe – A Sustainable Future for Europe The event will focus on the partner search especially for topics covered within the 2022 call "A sustainable future for Europe" in Cluster 2 "Culture, Creativit
Customs Programme (CUST)	Digital Europe Programme (DIGITAL)	Europe Direct (ED)	European Defence Fund (EDF)	European Parliament (EP)	EU Anti-fraud Programme (EUAF)	14 Sep, 2021 Horizon Results Platform (HRP) featured in Euronews article on bridging the gap between research and market
European Solidarity Corps (ESC)	Erasmus+ Programme (ERASMUS+)	European Social Fund + (ESF)	European Maritime, Fisheries and Aquaculture Fund (EMFAF)	Euratom Research and Training Programme (EURATOM)	Fiscalis Programme (FISC)	The Horizon Results Platform promotes all EU-funded research and innovation. It aims to build a bridge between Europe's most innovative startups and private inv
Innovation Fund (INNOVFUND)	Internal Security Fund (ISF)	Horizon Europe (HORIZON)	Single Market Programme (SMP)	Social Prerogative and Specific Competencies Lines (SOCPL)	EU External Action (RELEX)	All news >
Justice Programme (JUST)	Protection of the Euro against Counterfeiting Programme (PERICLES)	Pilot Projects and Preparatory Actions (PPPA)	Programme for the Environment and Climate Action (LIFE)	Promotion of Agricultural Products (AGRIP)	Research Fund for Coal & Steel (RFCS)	Calls for tenders on Ted  Overview of all EU funding opportunities

### **FINDING A CALL**



European Commission Funding & tender opportunities Single Electronic Data Interchange Area (SEDIA)							
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Horizon Europe (HORIZON)				clear filter 🛛			
Type your Keywords	<b>Q</b> Funding and te	enders (49)		Deed help? 🛗 🔊 Sort by: Submission status 🗸			
Match whole words only	Grant Providing s	support in a changing world of work and social protection					
GRANTS TENDERS	Open for submission Programme ID Types of action	Horizon Europe (HORIZON) HORIZON-CL2-2021-TRANSFORMATIONS-01-02 HORIZON Research and Innovation Actions	Deadline model Opening date Deadline date	single-stage 22 June 2021 07 October 2021 17:00:00 Brussels time			
Forthcoming (30) Open for submission (19) Closed		Independent Knowledge on Contemporary China in Europe					
Programming period	Open for submission						
2021 - 2027 (49) Province (HORIZON)	x Y ID Types of action	Horizon Europe (HORIZON) HORIZON-CL2-2021-TRANSFORMATIONS-01-07 HORIZON Research and Innovation Actions	Deadline model Opening date Deadline date	single-stage 22 June 2021 07 October 2021 17:00:00 Brussels time			
Programme part Culture, creativity and inclusive society	Grant Coordinatio     Open for submission	on of European cultural heritage research and innovation among Member States					
Mission Select a Mission	Programme ID V Types of action	Horizon Europe (HORIZON) HORIZON-CL2-2021-HERITAGE-02-02 HORIZON Coordination and Support Actions	Deadline model Opening date Deadline date	single-stage 22 June 2021 07 October 2021 17:00:00 Brussels time			
Destination Select a Destination	Grant The future Copen for submission	of liberal democracy in Europe					
Quick search on specific priorities Select a Priority	Programme ID Types of action	Horizon Europe (HORIZON) HORIZON-CL2-2021-DEMOCRACY-01-01 HORIZON Research and Innovation Actions	Deadline model Opening date Deadline date	single-stage 22 June 2021 07 October 2021 17:00:00 Brussels time			



A SEARCH FUNDING & TENDERS 🔻 HOW TO PARTICIPATE 🔻 PROJECTS & RESULTS WORK AS AN EXPERT SUPPORT 🔻

#### Horizon Europe (HORIZON)

#### Upgrading Independent Knowledge on Contemporary China in Europe

TOPIC ID: HORIZON-CL2-2021-TRANSFORMATIONS-01-07

Grant

General information	General information							
Topic description								
Destination	Programme Horizon Europe Framework Programme (HORIZON)							
Conditions and documents	Call							
Partner search	Inclusiveness in times of change (HORIZON-CL2-2021-TRANSFORMATIONS-01)	1		See budget overview				
Submission service	Type of action HORIZON-RIA HORIZON Research and Innovation Actions		Type of MGA HORIZON Action Grant Budget-Based [HORIZON-AG]	Open for submission				
Topic related FAQ								
Get support	Deadline model single-stage	Opening date 22 June 2021	Deadline date 07 October 2021 17:00:00 Brussels time					
Call updates								
	Topic description							
☐ Go back to search results	ExpectedOutcome:							
	Proposals are expected to contribute to all of the following expected outcomes:							
	<ul> <li>Take stock, identify weaknesses, and advance our knowledge on contemporary China's s identify possible areas of mutually beneficial cooperation</li> </ul>	ocial, cultural, political, and economic characteristics, on the impact of its foreign policy, and o	n its compliance with international obligations/laws/norms (or lack thereof). Scrutinize new glob	bal narratives and how these compare and interact with European interests and values and				
	Incrementally develop and network independent European knowledge and expertise on Contemporary China in order to mainstream knowledge and enhance the European capacity to bring forward coherent and fact-based policy-making. This should be done by taking into account and building upon existing knowledge and relevant networks already being developed a strengthened at the level of Member States in order to increase knowledge sharing across Europe, create new synergies between knowledge nodes, and complement existing knowledge enhancing strategies. Scope:							
	scope.							

### **HOW TO PARTICIPATE**



SEARCH FUNDING & TENDERS 🔻

HOW TO PARTICIPATE 
PROJECTS & RESULTS WORK AS AN EXPERT SUPPORT

Horizon Europe (HORIZON)

- Key steps
- Reference documents
- Participant register
- Partner search

#### **Reference Documents**

#### Grants

This page includes reference documents of the programmes managed on the EU Funding & Tenders portal starting wi

Please select the programme to see the reference documents.

#### Procurement

Reference Documents related to tendering opportunities are published on TED eTendering in the calls for tenders.





### **MY AREA – SUBMISSION**

	European Commission								P				
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		HORIZON	HORIZON-WIDERA-2021-ERA-01	HORIZON-RIA		101058537	INSPIRE	Submitted	0	23/09/2021 17:00:00		Actions 🌣	0
		H2020	H2020-SwafS-2020-1	RIA		101006412	ERASE	Final	Closed	23/04/2020 17:00:00		Actions 🌣	6
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# Proposal Writing – Part A & B

# What does a proposal look like?

**Download Part B templates** 

Download part B templates

Always check the most updated standard proposal template for your call on the Portal!





Horizon Europe Programme Standard Application Form (HE RIA, IA)

Application form (Part A) Project proposal – Technical description (Part B)

> Version 6.0 15 November 2022



### **Part A**

#### 1. General information

- Abstract
- Declarations

#### 2. Participants

- Administrative data
- Researchers involved in the proposal
- Role of participating organization in the project
- Up to 5 relevant publications, dataset, goods, etc.
- Up to 5 relevant projects or activities
- Description of any significant infrastructure
- Gender Equality Plan
- 3. Budget
- 4. Ethics and security issues
- 5. Other questions (if any)

Section	Title	Actio
1	General information	
2	Participants	
3	Budget	
4	Ethics and security	
5	Other questions	



### THREE KEY SECTIONS:

### 1. Excellence

2. Impact

3. Quality and Efficiency of the Implementation

### THREE MORE (OPTIONAL) SECTIONS:

- 1. Financial support to third parties
- 2. Clinical trials
- 3. Calls flagged as security sensitive

Which section is the most important?





# SCORED EQUALLY, unless...

#### 1. Excellence

#### 2. Impact

3. Implementation

Horizon Europe - Work programme 2023-2024 General Annexes

#### Scores and weighting

Evaluation scores will be awarded for the criteria, and not for the different aspects listed in the table. For full applications, each criterion will be scored out of 5. The threshold for individual criteria will be 3. The overall threshold, applying to the sum of the three individual scores, will be 10.

To determine the ranking for 'Innovation actions', the score for 'Impact' will be given a weight of 1.5.

Proposals that pass the individual threshold AND the overall threshold will be considered for funding, within the limits of the available call budget. Other proposals will be rejected.



# Excellence in RIA/IA

### 1.1 Objectives and Ambition (e.g. 4 pg.)

- Objectives
- Ambition
- R&I Maturity

### 1.2 Methodology (e.g. 14 pg.)

- Concept and Methodology
- Past and ongoing projects
- Interdisciplinary approach
- Social Sciences and Humanities (SSH)
- Gender dimension
- Open Science practices



#### TRAININGS

## **Before the Objectives**

#### 1. EXCELLENCE

A Circular Bioeconomy has the potential to unlock the benefits of the sustainable use of various type of biomass by transforming them into value-added products. Most Central and Eastern European countries presently lag behind in the development of national strategies or action plans<sup>[1]</sup>, despite the fact that many private entities in these countries are already engaged in bioeconomy activities.

To realize the full potential of bioeconomy and to facilitate its transition, it is necessary to challenge the previous conceptualizations about how states, citizens and stakeholders interact with regards to natural resources governance<sup>[2]</sup>. There is a growing demand for **fostering public engagement** and **co-creation initiatives** to respond to **localized challenges** and create more **targeted bioeconomy strategies**. However, in many cases, citizens' participation has remained limited in practice<sup>[3]</sup>. **CEE2ACT will apply an interactive collaborative approach that empowers the different stakeholders** to discuss and work together on issues directly affecting their environment and produce **National-level roadmaps for the bioeconomy strategies in CEE2ACT target countries** (further explained in methodology). The project will **ensure the interconnectedness and knowledge transfer between the CEE2ACT target countries and experienced ones**, allowing stakeholders and citizens to meaningfully engage in decision making on bioeconomy priorities. CEE2ACT will identify and tackle knowledge gaps by applying a **participatory bottom-up approach** and focusing on context relevant issues regarding knowledge, skills, needs and experiences<sup>[4]</sup>.





# **Objectives**

#### Objectives: To be achieved within the project duration

They should:

- Respond to the question "What do we want to achieve?"
- Be in line with the work programme topic.

#### Utilise:

- Call introductions, information under "Destination", topic description.
- Strategic background documents

#### In practice:

- Provide a summary (background)
- List the objectives link them with the Call refer to the planned work
- Give indicators (make the objectives measurable and verifiable)
- Explain why & how these objectives will be achievable

SO1: Strengthen EOC networks within Europe, connecting experts from a wide range of regions within the continent

Experts in EOC will be brought together from different corners of Europe to collaborate and discuss ideas; including EOC practitioners and benefactors such as teachers, students, outdoor leaders, media creators, scientists, universities, developers and any other groups who might be impacted by or have knowledge on EOC (WP2). OTTER will result in a collection of ideas and knowledge from the above-mentioned contributors through the development of an EOC Hub (WP2), which will be used within the activities of this project and will further enhance the knowledge base on EOC methodologies and techniques for other practitioners to use. The main idea is to build a pool of experts and key actors eager to share good practices and to feed the reflexion on science education.

SO2: Increase the understanding of the effects of EOC on EU students undergoing traditional classroom education, including their levels of sophisticated consumption and scientific citizenship

OTTER will investigate the effects of various EOC activities (WP3) on students (ages 6-18) through the comparison of performance and views of students who have been subject to additional EOC activities against students who have not (WP4). This should provide valuable data to better understand the scale and nature of the effects of EOC on classroom performance, as well as the complementarity of both formal and non-formal education, and whether it has an effect on students' level of sophisticated consumption and scientific citizenship not seen in students subject to no additional EOC practices.

SO3: Build upon recent momentum in tackling global environmental issues surrounding plastic waste and recycling

OTTER will adopt a theme of environmental sustainability and recycling as a cross-cutting issue, with an emphasis on plastic waste, and integrate this into all educational activities (WP3) in order to instil the importance of a zero-pollution future and a circular economy, while enthusing students about local issues around plastic waste and management.

SO1: Strengthen EOC networks within Europe, connecting experts from a wide range of regions within the continent

Experts in EOC will be brought together from different corners of Europe to collaborate and discuss ideas; including EOC practitioners and benefactors such as teachers, students, outdoor leaders, media creators, scientists, universities, developers and any other groups who might be impacted by or have knowledge on EOC (WP2). OTTER will result in a collection of ideas and knowledge from the above-mentioned contributors through the development of an EOC Hub (WP2), which will be used within the activities of this project and will further enhance the knowledge base on EOC methodologies and techniques for other practitioners to use in four European regions with regards to different educational systems. The main idea is to build a pool of experts and key actors eager to share good practices and to feed the reflexion on science education. Up to 40 experts from these four regions will contribute and give their unique perspectives.

SO2: Increase the understanding of the effects of EOC on EU students undergoing traditional classroom education, including their levels of sophisticated consumption and scientific citizenship

OTTER will investigate the effects of various EOC activities (WP3) on students (ages 6-18) through the comparison of performance and views of students who have been subject to additional EOC activities against students who have not (WP4). Knowledge and attitude tests and questionnaires will cover both students and teachers involved to assess the impact of EOC compared to traditional learning. This should provide valuable data to better understand the scale and nature of the effects of EOC on classroom performance, as well as the complementarity of both formal and non-formal education, and whether it has an effect on students' level of sophisticated consumption and scientific citizenship not seen in students subject to no additional EOC practices.

SO3: Enhance young people's scientific literacy concerning global environmental issues surrounding plastic waste and recycling

OTTER will adopt a theme of environmental sustainability and recycling as a cross-cutting issue, with an emphasis on plastic waste, and integrate this into all educational activities (WP3) in order to instil the importance of a zeropollution future and a circular economy, while enthusing students about local issues around plastic waste and management. Students' scientific knowledge on these issues and their awareness of and interest in science will be measured using a range of validated qualitative and quantitative instruments.

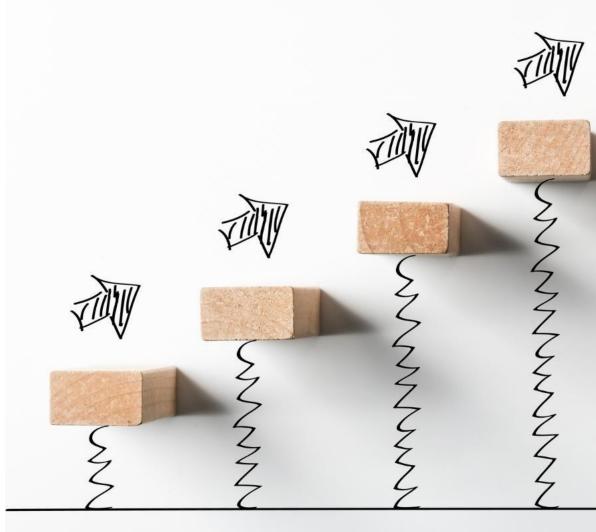
**SO2.** Support national actors in their process of developing bioeconomy strategies through building connections between stakeholder groups (WP3) A bottom-up approach will be deployed to increase support in each CEE2ACT target country for national bioeconomy strategies and create a diverse coalition of engaged and motivated actors to drive change in their countries, paying close attention to the gender dimension. In T3.2 the establishment of 10 National Bioeconomy Hubs will be accomplished, in T3.3 the engagement of all stakeholders will be carried out. A national workshop series connected and building on each other and focusing in specific areas will be planned and executed. The first part of this series will be 10 local events in each CEE2ACT target country **"Building trust and understanding between stakeholders" as a basis for cooperation** during the first year. Activities such as the development of the stakeholder engagement plan (T3.1) will be realized, and **NBHs members signing a MoU** for further cooperation. To ensure the proper involvement and active participation of all relevant stakeholders (Policy and decision makers, public administrators, bio-based value chains actors (primary sector, industrial and waste sector), investors, SMEs, research institutions, academia, environmental organizations, NGOs and CSOs).

**SO3.** Empower CEE2ACT countries through knowledge transfer, to build on existing knowledge and spark national research & innovation and using digital solutions for a green transition (WP4 & WP5) CEE2ACT will enable knowledge exchange and interaction on know-how and best practices on technology transfer, this way building the capacities of the stakeholders to develop bioeconomy strategies and action plans. For this, a knowledge transfer strategy and a matchmaking process adapted to the CEE2ACT target countries will be created (T.5.1, T5.2). The development of digital solutions for sustainable governance and the promotion of a green transition in the CEE2ACT target countries will be carried out to support the process of capacity building of target groups by testing and

# Ambition

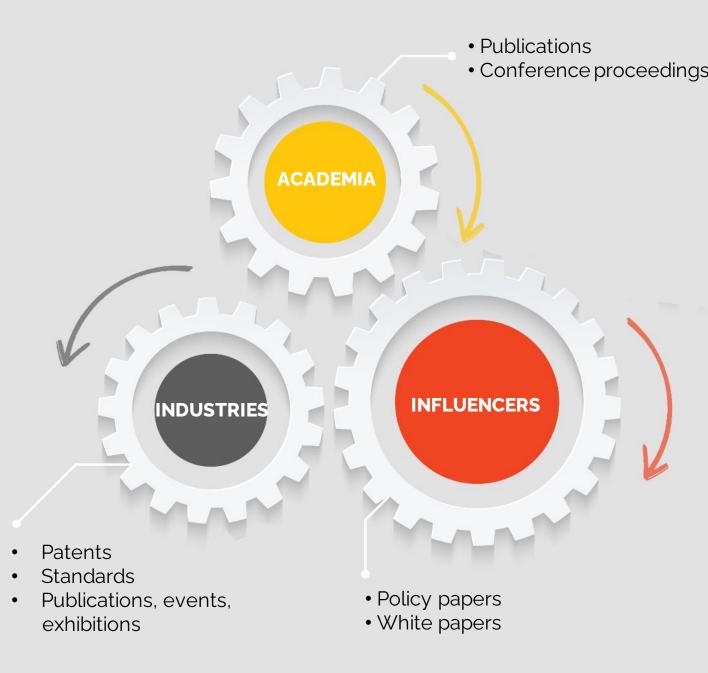
#### What is ambition?

- Progress beyond the state of the art?
- Breakthrough innovation?
- Long-lasting impact?
- The most important part of the proposal?
- What can we promise but not necessarily achieve?



#### TRAININGS

- Show the current state of the art and the advance beyond it (qualitatively and quantitatively)
- Describe the innovation potential: novel approach, new product, new service, technology, new business model, market opportunities
- Provide a clear baseline with numbers, statistics
- Breakthrough innovation vs. application of something new within a new framework
- Refer to TRLs whenever possible to show your position
- Think within the work plan, outputs, research areas, methodologies – be ambitious but realistic!





#### 1.1.2 Ambition

The project's ambition is to support the realization of the EU Biodiversity Strategy for 2030 by contributing to a wider transformative change towards more sustainable and resilient cities. Specifically, we aim to develop a replicable methodology for co-designing pathways and integrated strategies towards urban ecosystem restoration targets in cities and urban areas across Europe.

#### 1.1.3 A Resilient Biodiversity Development Framework (RBDF)

A core innovation of NatureBridge is a new Resilient Biodiversity Development Framework (RBDF) which will be developed and tested by the consortium. The concept behind is a framework that can be applied by cities, municipalities and able to capture, efficiently formulate and help realizing biodiversity needs based on local potentials and issues. For that, RBDF will need to i) incorporate and assess multiple input data (ecosystem, social and economic level), and ii) be able to be integrated with local urban planning systems.

#### 1.1.4 Further new resources and knowledge

#### - Urban Ecosystem Services and Biodiversity Database

Utilizing the methodologies developed in the project, mapping and assessment of biodiversity and ecosystem services in the demo cases will result in the development of the database, utilizing novel methods and existing ones to create new insights in (peri)urban context.

- List of Drivers of Biodiversity Loss



# **1.2 Methodology**

- Tell your story to the evaluator
- Coordinator's role and input from partners are crucial
- Iterative approach to writing

#### How?

- Start with a catchy problem formulation
- Conceptualize under logical sub-sections
- Include tables, graphs, images visualizing the concepts and your methodological approach (bear in mind page limitations!)

TRAININGS

• Highlight text, provide summaries in text boxes

#### Include:

- Relevant national or international past and ongoing projects highlighting how links will be established
- Interdisciplinary approach
- Incorporate Social Sciences and Humanities (SSH)
- Do not underestimate the gender dimension!

Include how the project methodology complies with the EU Taxonomy Regulation
Check out ShapeID to see how to consider interdisciplinarity in your proposal.

#### Nature-Based Social Innovation

The process of creating a social-ecological transition through the co-development of new ideas (products, services, or models) and deployment of solutions (innovative governance mechanisms, nature-based solutions, creation of a new market for a sustainably used resource, a new non-harmful touristic opportunity based on culture heritage or natural resource, and/or any other blue/green initiative) that has a social impact, integrates all segments of society, and builds a positive and respectful relationship with the environment.

#### 1.2.1 Overall methodology

**Baseline Assessment and mapping** - The project will start with the assessment of the current developments in bioeconomy in the CEE2ACT target countries across the bioeconomy sectors: bioenergy and biogas production, soil management, biofertilizers and nutrient recovery technologies, substitutability of fossils, innovation, and climate adaptation. These strategies or existing action plans will be contrasted with the challenges across the countries. A baseline assessment of the environmental and socio-economic, aspects as well as challenges for the development of national bioeconomy strategies in the CEE2ACT target countries will be performed. Suitable sustainability criteria will be selected, and a set of appropriate performance indicators will be developed. In this first phase, a common methodology to evaluate the initial situation is agreed among the CEE2ACT target group. Project partners and their network will contribute to stage one of the baseline assessments facilitating information, IUNG and BOKU will set up a common framework for evaluation of all issues addressed by the project. The criteria need to be appropriate (regarding objectivity), applicable (data and time resources) and acknowledged (e.g., consensus on the methodology of CEE2ACT target group defined in the sub-section of 1.2.2 stakeholder engagement). Criteria will be defined which are applicable for all countries and bioeconomy sectors focusing on feasibility and usefulness and the initial situation will be mapped.

**Stakeholder engagement-** CEE2ACT will build trust and understanding between stakeholders as a foundation for further engagement and capacity building activities. The two main goals of CEE2ACT's stakeholder engagement are to build joint visions for national bioeconomy between the various players in relevant sectors and to establish broad-based support and commitment for national bioeconomy goals and activities. The **CEE2ACT National Bioeconomy Hubs (NBHs)** will be established in 10 countries (Bulgaria, Croatia, Czech Republic, Greece, Hungary, Poland, Romania, Serbia, Slovakia, and Slovenia), initially comprising 20 representatives of CEE2ACT target groups. The **CEE2ACT target groups** includes policy and decision makers, public administrators, bio-based value chains actors (primary sector, industrial and waste sector), investors, SMEs, research institutions, academia, environmental organizations, NGOs and CSOs. The members of the NBHs will not differ throughout the project implementation to guarantee interest and commitment, the NBHs members will benefit from results of the rest of WPs. The project partners from each CEE2ACT target country will be the engine of these hubs, supported by WP leaders. All the way

#### 1.2.1. Case studies concept and specific methodologies

#### Case study in the Adriatic Sea (Venice)

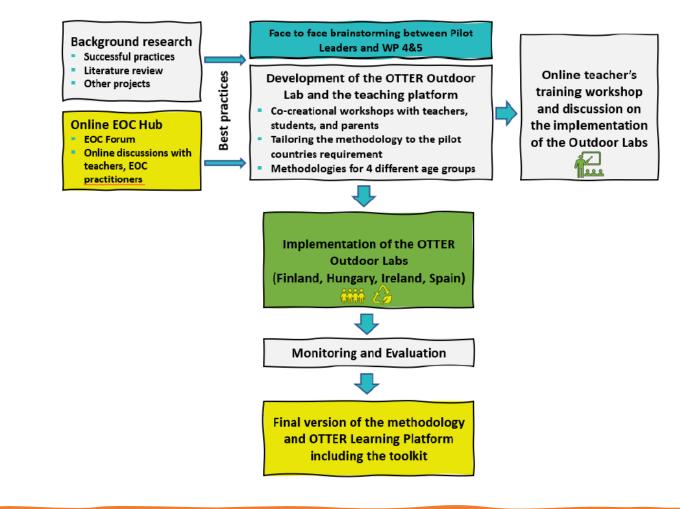
In this case study, we look at the way climate change and major engineering interventions are changing the way local communities adapt and cope with tides in the city of Venice and the surrounding lagoon. We will investigate how this affects the overall human-sea relations and the environmental dynamics, as well as the perspectives of community empowerment for future scenarios. We will support community empowerment processes that may help to redefine a new natural, social, and economic equilibrium by mobilizing a strong effort to combine marine science, ecology, and social/economic disciplines to address issues of community resilience and environmental policies in facing rising sea levels and flooding risks. The main aims of this case study are to co-develop with the community, through a NaBaSI approach, on one hand a response to high tides and rising sea levels in the city of Venice, addressing issues of redefining the social and economic role of the sea and the lagoon in a deeply transformed context, and on the other hand to provide an innovative governance tool brought from the bottom-up to manage the environmental impact of the MOSE mobile gates in order to develop a new city – water relationship based on a (eco)system perspective.

#### Specific methodology for the case study in the Adriatic Sea

WP2&WP3- General project approach described in section 1.2 and field research: secondary historical data collection and analysis, semi-structured interviews; multimedia material collection and citizen science. WP4-Mapping fragile members of the local community and cultural heritage sites threatened by high tide: secondary data from city water vulnerability maps; community engagement via action research; DB technologies with georeferencing. WP5- Creation of a volunteer network (individuals and organizations) and increasing awareness of the local communities about the need for a new city-water relationship: training of volunteers (including online) and development of a networking associations' platform. WP6- Implementation of a NaBaSI initiative addressing relief community response.

#### **METHODOLOGY**

The following figure summarizes the main steps in the OTTER Project:



# Past and ongoing national and international projects

Projects/initiatives	How OTTER will be linked
PLASTICtwist (H2020) This project seeks to clean up local environments in parts of Europe by the monetarisation of plastic waste, using teams of collectors to collect waste which is then utilised or recycled via innovative business solutions relative to local needs. <u>https://ptwist.eu/</u>	OTTER will utilise PLASTICtwist's experience in organising plastic collection and recycling in local communities, educating the local community through active engagement in the plastic waste problem. It will take inspiration from their pilot training manuals when planning the EOC Outdoor Lab activities and try to go even further.
SySTEM (H2020) SySTEM 2020 are involved in piloting self-evaluation tools used to document science learning outside the classroom by young people between the ages of 9 and 20 years old and identifying best practices for EOC educators. https://system2020.education/	SySTEM will provide valuable experience in teaching STEAM learning outside the classroom to school and college age students and OTTER can utilise the SySTEM 2020 Map which they have built to identify networks of STEAM projects around Europe.
Joves I Ciencia program The aim of this program is to bring the opportunity to excellent secondary school students to participate in a scientific research project at the summer camp academy MónNatura Pyrenees. <u>http://jovesiciencia.cat/projectes/descobrint-els-</u> <u>medicaments-de-la-natura-la-biomedicina-com-eina-la-</u> <u>cura-malalties</u>	Members of TBVT have been coordinating the implementation of one of these research projects for the past eight years and will bring to OTTER the outcomes, experiences and knowledge obtained through this project. OTTER will use this to enhance skills in science education and to broaden horizons within the topic.
PERFORM Project (H2020) PERFORM aims to investigate the effects of the use of innovative science education methods based on performing arts in fostering young peoples' motivations and engagement with science, technology, engineering, and mathematics (STEM) in selected secondary schools in France, Spain and the United Kingdom. <u>http://www.perform-research.eu/</u>	With The Big Van Theory as partner of this project, OTTER will build on PERFORM's actions to overcome the remaining distance between young people and science and to break the unidirectional model of scientific knowledge transfer. Furthermore, PERFORM's toolkits will help us to choose best practices for the EOC programme we will develop. Our society needs more responsible citizens, with civil and



### SSH and Gender dimension in research and innovation

When the integration of SSH is required, the applicants must show the roles of these disciplines or provide a justification if they consider that it is not relevant for their project.

**P** For SSH, check out <u>SSH Impact</u> and <u>Net4Society</u> for guidelines and factsheets

Describe the gender issues in your field, unless explicitly excluded by the work programme topic.

Depending on your workplan, address gender issues with your tasks:

- o Include gender analysis within the research;
- Produce policy recommendations and suggestions for future research activities;
- Keep an eye on gender aspects when organizing events, workshops, trainings.

P Here are some useful sources and tips on how to address gender in R&I: <u>Gendered Innovations</u>, <u>Charter equality</u>, <u>Yellow Window</u>, <u>GE Academy</u>





# **SSH in R&I content**

Social sciences and humanities are key disciplines implemented in ACRONYM's One Health approach. Along with traditional biomedical disciplines (medicine and veterinary medicine, microbiology, epidemiology) and ecological and environmental disciplines, social sciences are needed to understand the complexity of the interactions between the biological, environmental and socio-economic factors driving zoonotic disease emergence in socio-ecosystems. The collection and integration of socio-economic data will be a key component of the ACRONYM project. Sociologists from XZ, along with anthropologists and economists from XY and YY will supervise the collection of socio-economic data in the study areas (Task 3.4). They will then collaborate with data scientists (ZY, YY) and modellers (YY, XZ) to integrate them into data analyses (WP4) and support the co-construction (WP7) of the sustainable innovations developed in the project (WP5 and WP6).

"The proposal persuasively describes its interdisciplinary approach, which integrates Social Sciences and Humanities (SSH) with medical, ecological, environmental and data science disciplines. The "pathogen oriented" approach is well linked with social parameters, the agentbased model being well integrated with innovative solutions on biodiversity conservation and surveillance systems."

# **Gender dimension in R&I content**

Learning about and tackling multidimensional sustainability challenges needs to be based on an awareness of complex social dynamics, including gender balance. The gender dimension is also relevant to the content of the research the NatureBridge project will be conducting. Besides the environmental impact of climate change and biodiversity loss, there is also a socio-economic impact where sex and gender play an important role. Research shows that biodiversity loss and climate change impacts men and women differently because of different vulnerabilities (United Nations 2020). The NatureBridge project will take into account the different impact climate and biodiversity measures may have on men and women. Measures that have co-benefits in gender equality should always be prioritized.

TRAININGS

Through these measures, we aim to contribute to the promotion of gender equality and diversity in research and innovation and ensure the full and equal participation of women in our project. Mainstream gender issues into WP2, WP3, WP4, WP5, WP6 where partners will adopt a gendered approach to multistakeholder engagement, cocreation, and capacity building.

We will use gender-inclusive language and consider gender differences in learning through all activities of the project. We will also take into account gender sensitive data when conducting the analysis of knowledge and skills acquired, and consider gender while carrying out dissemination, communication, and exploitation activities.



### **Open Innovation and Open to the World**

Within 1.2, describe the methodology for collaboration with stakeholders (co-creation) and highlight how that leads to open innovation.

- Discuss impact assessment with the partners
- Link Excellence with the Work Plan
- Link Ambition with Impact
- Consider international collaboration
- Engage with the public (Social Innovation)
- Get support from CSOs and NGOs



### **Open Science**

- **Open science** practices will be mainstreamed as the new *modus operandi* for EU research and innovation
- FAIR Principles and consolidation of
   European Open Science Cloud
- Better quality and productivity of research
- Faster uptake of innovation
- Engaging citizens and end-users in the co-creation
- RRI
- Clustering and packaging results
- Knowledge exchange and transfer across sectors

Describe how appropriate open science practices are implemented as an integral part of the proposed methodology. Show how the choice of practices and their implementation are adapted to the nature of your work, in a way that will increase the chances of the project delivering on its objectives [e.g. 1 page]. If you believe that none of these practices are appropriate for your project, please provide a justification here.

- ▲ Open science is an approach based on open cooperative work and systematic sharing of knowledge and tools as early and widely as possible in the process. Open science practices include early and open sharing of research (for example through preregistration, registered reports, preprints, or crowd-sourcing); research output management; measures to ensure reproducibility of research outputs; providing open access to research outputs (such as publications, data, software, models, algorithms, and workflows); participation in open peer-review; and involving all relevant knowledge actors including citizens, civil society and end users in the co-creation of R&I agendas and contents (such as citizen science).
- Please note that this question does not refer to outreach actions that may be planned as part of communication, dissemination and exploitation activities. These aspects should instead be described below under 'Impact'.

PCheck the cross-cutting issues in the work programme topic
Useful sources on Open Science and RRI: <u>FOSTER Open Science</u>, <u>OPENAire</u>, <u>RRI Tools</u>, <u>Fit4RRI</u>

### **Data Management**

- Discuss: are you going to collect/generate data?
- How are you going to manage it?
- It may be useful to refer to your Ethics section
- Open Access to Research Data Compulsory!
- Data Management Plan (M6) <u>template</u>

**?** Follow the FAIR principle (findable, accessible, interoperable and reusable)



# **3. IMPLEMENTATION**

### Quality and efficiency of the implementation

3.1 Work Plan and Resources (e.g. 14/19 pg.)

- Work Plan
- Resources to be committed
- Tables

# 3.2 Capacity of participants and Consortium as a whole (e.g. 3 pg.)

- Description of the Consortium
- Other countries and international organisations





# 3.1 Work plan and Resources

- Plan as if you would have to implement the project
- Be telegraphic bear in mind page length
- Indicate clearly who is doing what
- Link activities to concrete outputs
- Set a realistic duration considering the methodology, risks, etc.
- Plan the number of your deliverables and their schedule of delivery in a careful way
  - Choose the appropriate type (R, DEM, DEC, DATA, DMP, ETHICS, SECURITY, OTHER)
  - Choose the appropriate dissemination level (PU, SEN, CL-R, CL-C, CL-S)
- Remember: it will be legally binding



Work package number	6
Work package title	Communication, Dissemination and Exploitation



#### Objectives

The aim of WP6 will be to maximise project's visibility, engage communities, first responders, policy makers, people at risk and other relevant actors of crisis preparedness in RESPONDIT activities, and increase literacy and awareness on prevention and crisis preparedness and the specific needs of vulnerable groups. Specific objectives:

- Create a distinct visual identity for the project
- · Spread information on RESPONDIT objectives, activities and results to relevant target audiences
- · Convey RESPONDIT results and success stories to scientific and professional publication outlets
- · Ensure long-term sustainability of the project through cooperation with other projects/initiatives
- · Provide e-learning training materials for selected target audiences

#### Description of work

#### Task 6.1 Dissemination and Communication Plan [M1-M4] Leader: GEO, Contributors: All Partners

GEO will formulate a Dissemination and Communication Plan which will represent a strategic document establishing individual partner responsibilities and timelines, guidelines and suggestions, under the continuous monitoring of GEO. It will further analyse dissemination target groups and match them with the most appropriate channels, key messages to communicate and external partners with whom to cooperate on codissemination, whenever relevant. As part of the plan, a distinct and original Visual Identity including a logo will be created to convey a familiar and consistent image of the project towards the external audience. It will be the basis for templates to be used by project partners in all their internal and external communication (Power Point presentations, Word documents, publications, leaflets, etc.), ensuring a consistent and professional outreach towards the targeted audience during the implementation of dissemination activities. The project website will be set up and maintained as the primary source of dissemination activities. The website will be updated at least monthly through its internal access and will be programmed and operated by GEO, refreshed with up-to-date inputs provided by the project partners. Planned menu points of the website are: About, Partners, Documents/Virtual Library, News, Events, Cooperation Network.

## Task 6.2 Joint Dissemination Actions and Materials [M1-M36] Leader: GEO, Contributors: All Partners

All partners will assume responsibility to maximise the visibility of RESPONDIT. and convey its findings and outputs to the relevant stakeholders relying on their strong outreach capacity. Dissemination and communication actions will be performed by all partners, under GEO's direction, supervision and following the guidelines and strategy provided in the D&C Plan. They will be encouraged to present the project (poster



# **Typical myths under implementation** Dos and Don'ts

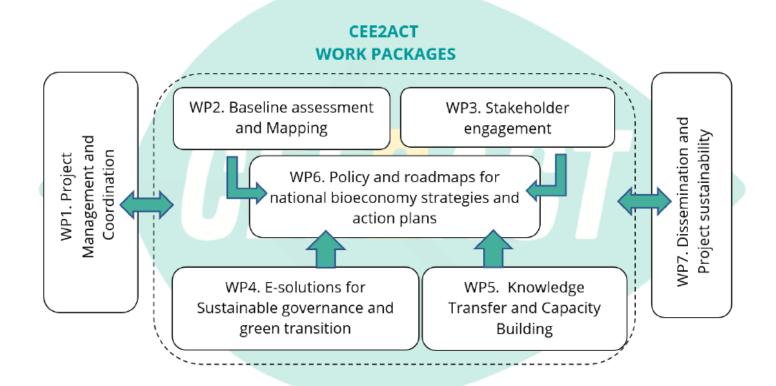
- The work plan must be driven by the project's specific objectives
- Provide details on the task distribution
- Provide self explanatory PERT diagrams and Gantt charts



- x There is a fixed recommended number of
   Work Packages for HE
- x You must have an impressive number of deliverables
- x Each Work Package needs to have several milestones
- Coordinator has to be involved in all Work
   Packages/lead many of them
- x We shouldn't list many risks not to look bad
- X We can convince the evaluator that our tasks
   need such long duration and a high budget

### CASE STUDY PERT and Gantt

- Both are compulsory
- PERT is the logical correlation between your work packages
- ..to be consistent with your Gantt, the project schedule



The CEE2ACT proposal

TRAININGS

Gantt Chart - Work Plan	M	M2	Ш	₩	ŝ	9W 2W	8W	W	01 M	M11	M12			M16	UTM	M 18	10 10	M23	M 22	M 23	M 24	M 25	07 M	87 M	ЯM	8	M 32	М 33	M 34	M 35	
WP1: Project Management and Coordination													+																		
T.1.1 Monitoring progress and quality control																															
T.1.2 Reporting to the European Commission				+						H							+				+		+	+			+				
T.1.3 Intra-consortium communication and coordination								1					+				1							1			+				
T.1.4 High-level liaison with the Commission services												$\top$																			
T.1.5 Data Management							+	+		H	+	+	+				+				+	+	+	+	H	+	+			+	
WP2: Baseline assessment and mapping																															
T.2.1 Baseline assessment, stay of play in CEE2ACT countries																															
T.2.2 Definition of sustainability criteria and performance indicators										$\square$							+		$\vdash$	+	+		+	+	$\square$	+	+	$\square$		+	$\vdash$
T.2.3 Evaluation of options to be included in bioeconomy strategies / Mapping		$\square$		+									T										+	+	$\square$	+	+	1		+	$\vdash$
WP3: Stakeholder engagement																															
T.3.1 Development of the stakeholder engagement plan																															
T.3.2 Establishment of national bloeconomy hubs												+	+				+	$\mathbf{T}$			+		+	+		+	+	+		+	⊢
T.3.3. Engagement of stakeholders through national bioeconomy hubs		$\square$	$\neg$	+																	-	+	+	+	$\square$	+	+	+		+	⊢
T.3.4 Impact evaluation				+	+		+	+																							
WP4: e-solutions for sustainable governance and green transition																															
T.4.1 Online-inventory of good practices for establishment of bioeconomies and green transition	1																														
T.4.2 App for bioeconomy promotion																	+						+	+			+			$\top$	F
T.4.3 E-learning platform for promoting bioeconomy and sustainable		$\square$					+																								
T.4.4 CEE2ACT B2B matchmaking tool							1																								
WP5: Knowledge transfer and capacity building																															
T.5.1 Knowledge transfer strategy for the bio-economy																															
T.5.2 Decision making; adapting to target countries		$\square$															+						+	+			+			$\top$	F
T.5.3 Transferring knowhow/tech																															
T.5.4 Evaluating & drawing guidance																															
WP6: Policy and roadmaps for national bioeconomy strategies and action plans T.6.1 Common protocols and methods for the preparation of the bioeconomy																															-
	-		_	_	_	_	+	-									-				-		-	-			-			-	┢
T.6.2 Guidelines for new collaboration and organizations T.6.3 National Bioeconomy Strategies Concept Papers	-	$\left  \right $	_	+	_	_	+	+		$\left  \right $	_	+-	+								-	-	+								$\vdash$
1.6.3 National bioeconomy strategies concept Papers T.6.4 SWOT analysis for implementation of strategies	-	$\mid$		-+	+	+	-	-		$\left  \right $	_	_	+	_			+														$\vdash$
WP7: Dissemination, Communication and project sustainability T.7.1 Communication, Dissemination & Exploitation Plan																															
										$\square$																					
T.7.2 Communication, Dissemination and Awareness Raising Activities.																															
T.7.3 Policy engagement and uptake.																															
T.7.4 Exploitation and project sustainability																															

## **Risks**

#### **WEW: Level of severity:** the relative seriousness of the risk and the significance of its effect.

Description of risk	WPs involved	Proposed risk-mitigation measures
Slow or ineffective communication between project management and consortium (i:Low,ii:high)	1	Importance of effective internal communication among the consortium raised at the kick-off meeting and maintained thereafter. If needed, targeted initiatives launched to encourage more effective communication (e.g. problem-solving workshops).
Low quality of the content of reports (baseline assessments, stakeholder plan, capacity building strategy and knowledge transfer programme, National bioeconomy strategy concept papers) (i:Low,ii:high)		The partners of CEE2ACT are experts in different areas and have a good understanding of the national context of bioeconomies in their countries. The background research into all these reports should ensure a high quality of content. Partners will use their substantial experience and past participation in related EU projects to develop a high-quality programme.
Insufficient level of bioeconomy stakeholder mobilization, Low participation in the NBHs(i:Low,ii:high)	3	All CEE2ACT partners are embedded in their national context, while many partners have international networks, therefore in case this (low) risk appears, the international consortium will mobilise its partners in the target countries. All partners will contact potential participants directly from the beginning of the project and they will make use of their networks and channels to promote the NBHs
No use of e-solutions (i:low ,ii:high)	4	This risk is expected to be minimal thanks to the strong stakeholder engagement and outreach capacity of the partners and the targeted dissemination activities planned in WP7 to promote and raise awareness of CEE2ACT among the project's target groups.

#### Table 3.1e: Critical risks for implementation

## **Resources to be committed**

- Carefully estimate required efforts as well as other resources (travel, equipment, consumables, etc.)
- Consultative process led by the coordinator (neither democracy, nor dictatorship)
- Consider the work programme topic indication, yet
   build the budget bottom up
- Rather slightly overestimate than underestimate

- Subcontracting costs items
- Purchase costs items
- Other costs categories

	WP1	WP2	WP3	WP4	WP5	WP6	WP7	Total PM
Partner								per
								Participant
P1 EM	9	0.5	1.5	2.5	0	1.5	8	23
P2	3	1	1	1	9	2	3	20
P3	1	0.5	9	2	1	4	1	18.5
P4	1	8	1	2	1	3	2	18
P5	0.5	0	4	0	0	0.5	1	6
P6	1	2	4	1	4	4.5	2	18.5
P7	1	2	0.5	9	2	2	2	18.5
P8	0.5	3.5	2	2	4	2	2	16
P9	0.5	3	3.5	3	2	2.5	2	16.5
P10	0.5	3	4	4	1	2	2	16.5
P11	0.5	3	2	2	3.5	2	2	15
P12	0.5	2	2	2	2	2	2	12.5
P13	0.5	0	0	3	3.5	2	2	11
P14	1	6	0	1	2	3.5	2.5	16
Total	20.5	34.5	34.5	34.5	35	33.5	33.5	226
Person/Months								

Participant Number/Sh	Participant Number/Short Name													
12 - BEO	Cost (€)	Description of tasks and justification												
Subcontracting	20 000	For Task 4.1, 4.2 and 4.3 Lab analysis of several elements (such as												
		pesticides, metals and plant diversity via pollen) and eDNA analysis for												
		plants, animals and soil biodiversity on the different pilot sites												



# Tips for Lump sum

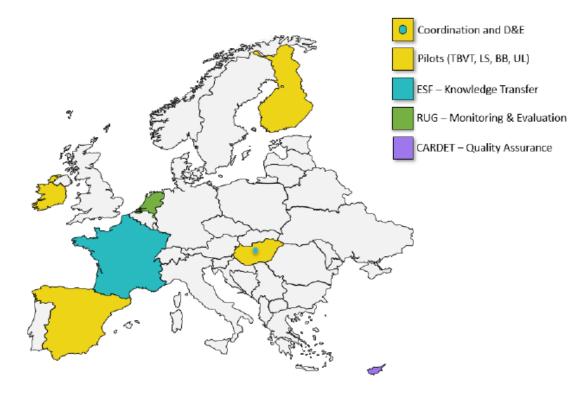
- Higher number of **WPs** (split but don't artificially modify)
- More **details** on the division of responsibilities among partners within WPs and tasks
- Less complex **work plan** with fewer interdependencies
- Different/tailored **project management** structure (consider under section 3.2: Consortium as a whole)
- Deliverable/milestone schedules to be aligned and cross-checked
- More **precise wording** of tasks, deliverables, milestones
- Cross-check the figures in the Excel and Part B
   for **consistency**

Gantt Chart - Work Plan	TW	M2	E M	MS	M7	8	6W	TIM	M12	M1A	MIS	M16	M18	OLM	M20	M21 M22	M23	M24	M25 M26	M27	M28	N2M	M31	M32	M33 M34	M35	M36
WP1-WP2: Project Management and Coordination RP1 -RP2																											
T.1.1\T2.1Monitoring progress and quality control RP1-RP2																											
T.1.2\T2.2vReporting to the European Commissiont RP1-RP2																											
T.1.3\T2.3 Data Management RP1 -RP2																											
WP3: Sustainability competence baseline assessment and mapping																								$\square$			
T.3.1 Mapping and assessment of existing educational programmes and curricula																								$\square$	$\top$		
T.3.2 Definition of performance indicators evaluation tool																								$\square$	$\top$		
T.3.3.Evaluation of programmes\gaps for the inclusion of new curriculum																											
WP4-WP5: Working groups for co-creation of new sustainability curriculum guidelines RP1-RP2																											
T.4.1 Establishment of the thematic Working Groups across disciplines RP1																											
T.4.2 Engagement with Working Groups RP1																								$\square$			
T.4.3 Development of first version of new curriculum RP1																								$\square$			
T.4.4 Development of syllabus for the inclusion of new curriculum across subjects RP1																								$\square$			
T.5.1 Second round of WG sessions RP2																											
T.5.2 Final Curricula Guidance document RP2																											
T5.3 Final CONCUR Syllabus																											
WP6-WP7: NBS Innovation Communities and experiential learning activities RP1-RP2																											
T6.1\T7.1 Development of a roadmap for the implementation, testing and monitoring of CONCUR																											
curriculum at Innovation Community sites RP1-RP2																											
T.6.2\T7.4Establishing teaching and training materials for collaborative learning and delivering in NBS																							$\top$		$\top$		
Innovation Communityes RP1-RP2																											
T7.2 NBE employment opportunities and regional support programme RP2																								$\square$		$\square$	
T7.3 NBS Innovation Communities implementation of experiential learning activities RP2																											
WP8: NBS Knowledge Platform and Digital Services																											
T.8.1 CONCUR Knowledge Platform							ТТ																				
T.8.2 CONCUR E-learning platform																											
T.8.3 CONCUR Digital Academy Matchmaking Tool																											
WP9-WP10: Dissemination and Communication RP1-RP2																											
T9.1\T10.1Dissemination and Communication Plan and Visual Identity RP1																											
T9.2\T10.2 Joint dissemination and communication actions, scientific publications RP1-RP2																											
T9.3 CONCUR Online "Climathon": Innovation Challenge on biodiversity RP1																											
T10.2 Final CONCUR Conference in Brussels RP2																											
WP11-WP12: Exploitation and mainstreaming biodiversity and NBS education RP1-RP2																											
T11.1\T12.1 Exploitation Plan and project sustainability RP1-RP2																											
T11.2\T12.2Collaboration with sister projects, platforms, initiatives and the EU NBS portfolio RP1-RP2																											
T11.3\12.3 Policy recommendations and uptake RP1-RP2																											
T11.4\12.4 Involvement of follower regions RP1-RP2																											

## 3.2 Capacity of participants and consortium as a whole

- Demonstrate clearly how the partners collectively cover all of the required skills and expertise – Provide a matrix!
- Highlight complementarity in terms of geographical coverage (e.g. provide a map) and institution types
- Refer to partners' cooperation history, if applicable
- Innovation Managers, IPR, gender or ethics experts to be mentioned here (previous "management structure")
- Involvement of other countries and international organizations





		Innovative science engagement	Education Outside the Classroom	Formal schooling and EOC intersections	Training and workshops	Assessment methods	Environmental issues assessment	Gender, geographical and socio-economic inclusion	Event planning and logistics	Dissemination, communication, PR and marketing
Role	Partner	-	Edi	ъ Ч	Trai	As	En	Ge aı	Ξ.	con
Coordination and D&E	GEO				$\checkmark$		~	$\checkmark$	$\checkmark$	$\checkmark$
	UL	$\checkmark$			$\checkmark$	>		$\checkmark$		
Pilots	BB	$\checkmark$	$\checkmark$		$\checkmark$				$\checkmark$	$\checkmark$
Pilots	LS		$\checkmark$		$\checkmark$			$\checkmark$	$\checkmark$	$\checkmark$
	TBVT	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$					$\checkmark$
Monitoring and Evaluation	RUG	~	$\checkmark$	$\checkmark$	$\checkmark$	>	~	$\checkmark$	>	$\checkmark$
Quality Assurance	CARDET	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	>		$\checkmark$	$\checkmark$	$\checkmark$
Knowledge transfer	ESF				$\checkmark$			$\checkmark$		$\checkmark$

# What did evaluators say?

#### Excellence:

"the proposal's description of the state of the art is not sufficiently elaborated as e.g., aspects of consumer behavior are not clearly addressed. Moreover, some aspects are not sufficiently demonstrated to be innovative. For example, some of the experimental pilots are similar to initiatives that have already been developed and exist in other contexts such as e.g., food donations. Additionally, as the TRL of some developments at start and end of the project is not sufficiently specified, the technological progress is not convincingly demonstrated. This is a major shortcoming." [SCORE 3]

"Overall, the quality of the support measures is good. However, owing to a lack of details about the process of co-creation and on-boarding of stakeholders, it is unclear how foreseen measures ensure that stakeholders come together with innovative solutions, or how they foster a sustainable collaboration among stakeholders during and after the project. The coordination measures are not explicitly listed as such, but rather implicitly covered in different parts of the proposal. This network will build upon existing initiatives, which will facilitate the coordination, but the selection criterion is not clear. For instance, it is unclear what fraction of stakeholders of the present project comes from existing EU initiatives. Similarly, according to the project objectives other stakeholders will be mapped, but again the selection criteria are not clearly specified" [SCORE 3.5]

#### Implementation:

"the resources assigned to the management and coordination is <u>underestimated</u> given the size of the consortium and the project duration. This is a shortcoming.

The inclusion of expertise by consortium members related to some parts of the food supply chain such as retailers and food processors, as well as consumer and citizen organizations is not sufficiently demonstrated. This is a shortcoming. [SCORE 3.5]



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