



# Beta

Biodiversitat, Ecologia,  
Tecnologia Ambiental i Alimentària



25<sup>th</sup> November 2022

## DONOR HARMONISATION GROUP FORUM

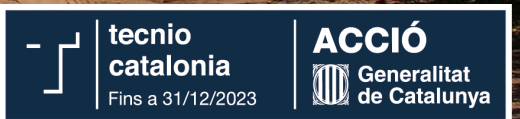
*"Creating reciprocal, mutually beneficial partnerships  
to respond to local and global challenges"*

Showcase session: Spanish cooperation in  
development

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## BETA Tech Center

*“Working locally, acting globally”*



### Who we are?

The **BETA** is a Technological Center that was born in November 2014, to give a definitive boost to the R+D+I activity in the field of the environmental technologies at the Universitat de Vic-Universitat Central de Catalunya (UVic-UCC, Spain).



### What we do?

We aim to improve the **competitiveness and the quality of life**, with a special focus on rural regions, through the promotion and implementation of R+D+I projects **in cooperation with companies, public administrations and social entities**.



### How we do it?

Being a **useful actor** to support the transition to circular bioeconomy of societies, with a special focus on agro-food systems.

The BETA Technological Center naturally became a **Development Agency**.



**Applied Ecology &  
Global Change**



**Sustainability  
Accounting and  
Optimization**



**Environmental  
Technologies & Circular  
Bioeconomy**



**Soil & Nutrient  
Management**



**Governance for  
Sustainability**

## **5** Fields of expertise

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Sustainable development in rural areas targeting sustainable food production systems

# *“Working locally, acting globally”*

## Networks at Catalan Level

- CATALAN WATER PARTNERSHIP
- INNOVAC
- CLUSTER FOODSERVICE
- CLÚSTER DE LA BIOENERGIA DE CATALUNYA
- XRE4S – ENERGY FOR SOCIETY
- XARXA D’INNOVACIÓ ALIMENTÀRIA

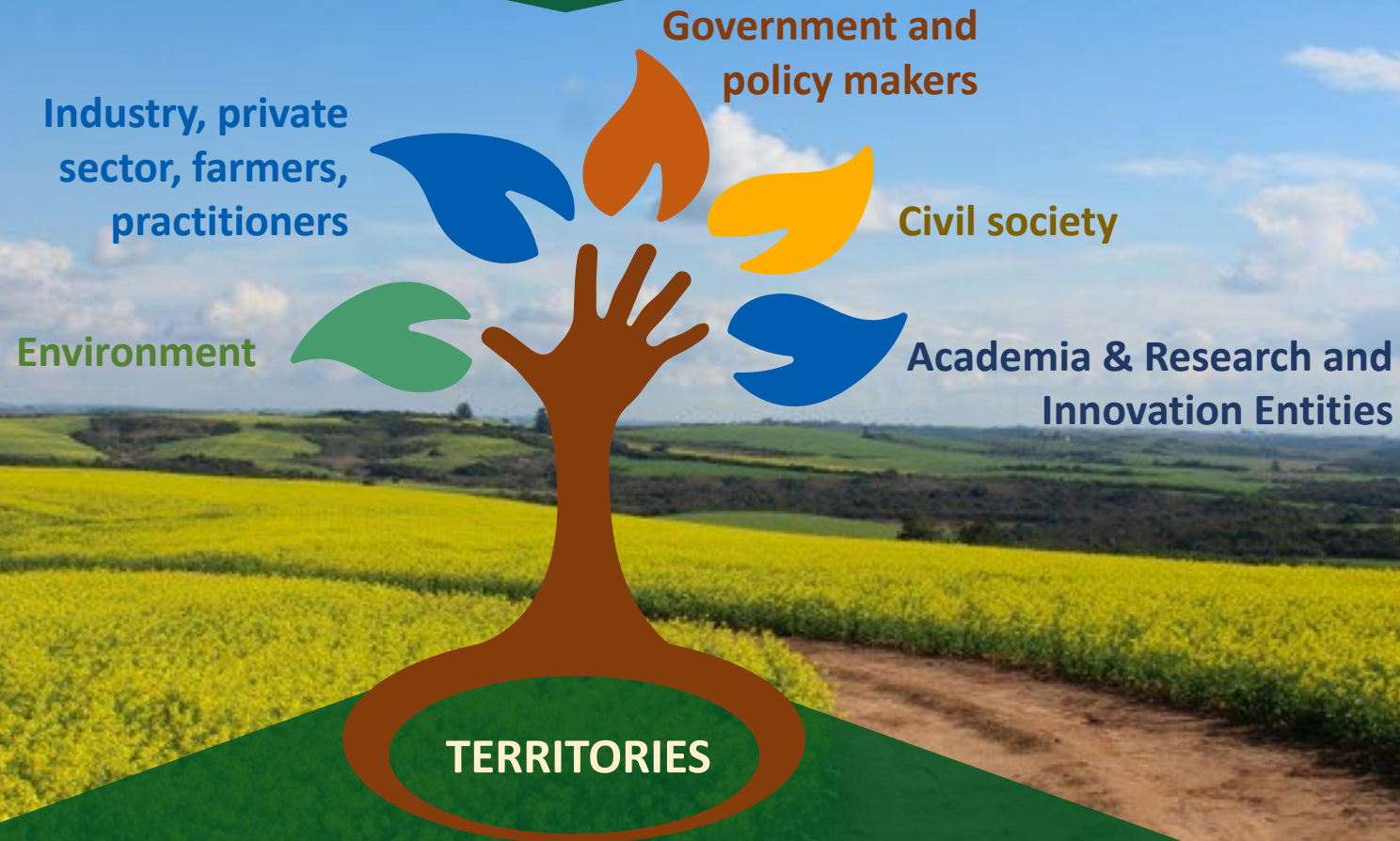
## Networks at Spanish Level

- ASOCIACIÓN ESPAÑOLA DE BIOGÁS
- SOCIEDAD ESPAÑOLA DE LA CIENCIA DEL SUELO
- MESA ESPAÑOLA PARA EL TRATAMIENTO DE AGUAS
- RED ESPAÑOLA DE COMPOSTAJE
- ASOCIACIÓN IBÉRICA DE LIMNOLOGÍA
- RED ESPAÑOLA DE ANÁLISIS DE CICLO DE VIDA

## Networks at European Level

- SCIENCE FOR UKRAINE
- EUROPEAN SUSTAINABLE PHOSPHOROUS PLATFORM
- BIO-BASED INDUSTRIES CONSORTIUM
- BIOREFINE CLUSTER EUROPE
- EU CIRCULAR ECONOMY STAKEHOLDER PLATFORM
- THE EUROPEAN BIOECONOMY NETWORK
- EUROPEAN CIRCULAR BIOECONOMY INITIATIVE
- RRING COMMUNITY
- SOCIETY OF ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY
- ECOTOXICOMIC
- UNESCO/UNITWIN NETWORK
- GLOBAL SOIL PARTNERSHIP OF THE FAO
- UNION FOR THE MEDITERRANEAN ENVIRONMENT TASK FORCE
- INTERACT CLIMATE CHANGE AND RISKS NETWORK

# Our Approach



We aim to impact at the *local, regional, national, and transnational levels* by sharing *accumulated experiences* and **constant cooperation**



**ENI**  
**CBCMED**  
Cooperating across borders  
in the Mediterranean



Union for the Mediterranean  
Union pour la Méditerranée  
الاتحاد من أجل المتوسط



Reaching cooperation through Research and Innovation



**Bidirectional Flow**

**EURO-MEDITERRANEAN COOPERATION BETWEEN EQUALS**



CB-016  
Sub-direcció  
Deputy Director

## Some examples

1. TRANSITION (PRIMA, 2021-2024)
2. MED4WASTE (ENI CBC MED, 2021-2023)
3. COMMUNITY4INNOVATION (Interreg Euro-MED, 2023-2029)
4. FERTIMANURE (Horizon 2020, 2020-2023)
5. SMART4ENV (Horizon Europe, 2022-2025)



Transition



PRIMA  
PARTNERSHIP FOR RESEARCH AND INNOVATION  
IN THE MEDITERRANEAN AREA

# TRANSITION PRIMA, 2021-2024

Supported by:



Union for the Mediterranean  
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## Objective

Different agricultural and farming practices that are resilient to climate change are being developed, gathered, and implemented and transferred among different Mediterranean territories but considering these 6-helix approach. Considering the voice of all actors but specifically targeting the needs of specific territories.



## Actions

- Solid knowledge of the barriers to wider of the new agricultural practices' implementation
- Basin-level Road map to increase adoption
- Tools for evidence-based decision-making aligned to stakeholder priorities

## Impact

- Promote expansion of sustainable practices
- Quantify the positive impacts (production and incomes)
- Exploitation and policy guidance by basin-scale roadmap
- Facilitate learning and coordination





### Objective

Aims to facilitate new governance models for integrated and efficient urban waste management to promote an environmental, socio-economic and institutional transition towards green growth in Mediterranean Sea Basin.



### Actions

- Creating a catalogue of outputs and best practices in urban waste management
- Trainings for public waste management staff and other stakeholders
- Developing a Mentoring Scheme
- Creating a policy toolkit to mainstream the promising outputs among policy-makers

### Impact

- Capacity Building Program for public administrations (North and South)
- Mentoring Scheme to sub national authorities
- Awareness Raising Campaigns



**Interreg  
Euro-MED**



Co-funded by  
the European Union

# COMMUNITY4INNOVATION

## Interreg Euro-MED, 2023-2027

Supported by:



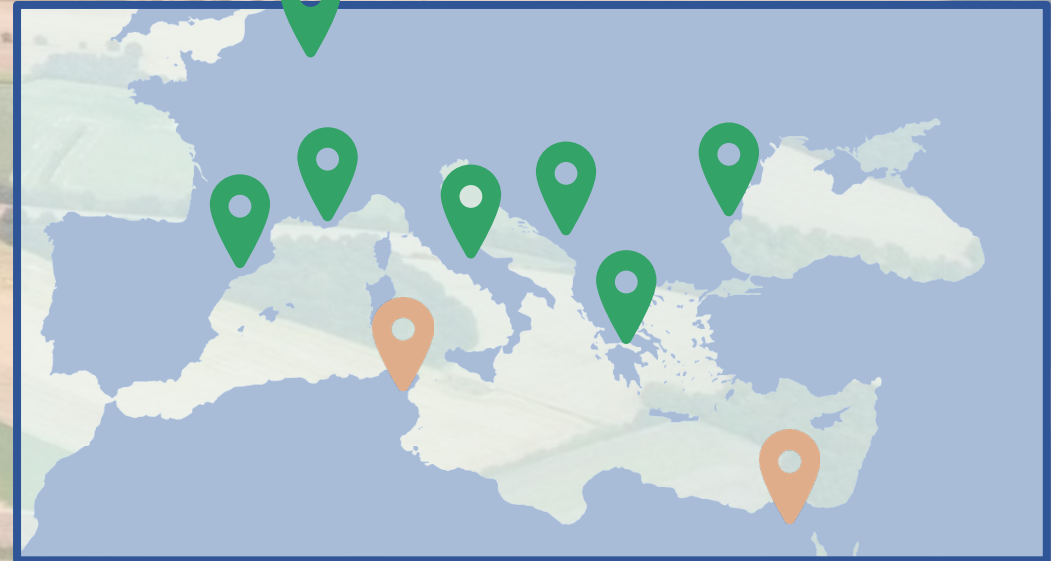
Union for the Mediterranean  
Union pour la Méditerranée  
الاتحاد من أجل المتوسط

### Objective

Aims to create an engaged community to find solutions for common challenges related to the green growth and promote the transfer of novel practices for their integration into different policy levels.

### Actions

- Collection of innovative solutions
- Capacity building material
- Collaboration with Euro-Med relevant institutions and mapping synergies with target groups
- Create innovative sustainable economy Hubs
- Create advocacy materials
- Promote awareness raising campaigns



### Impact

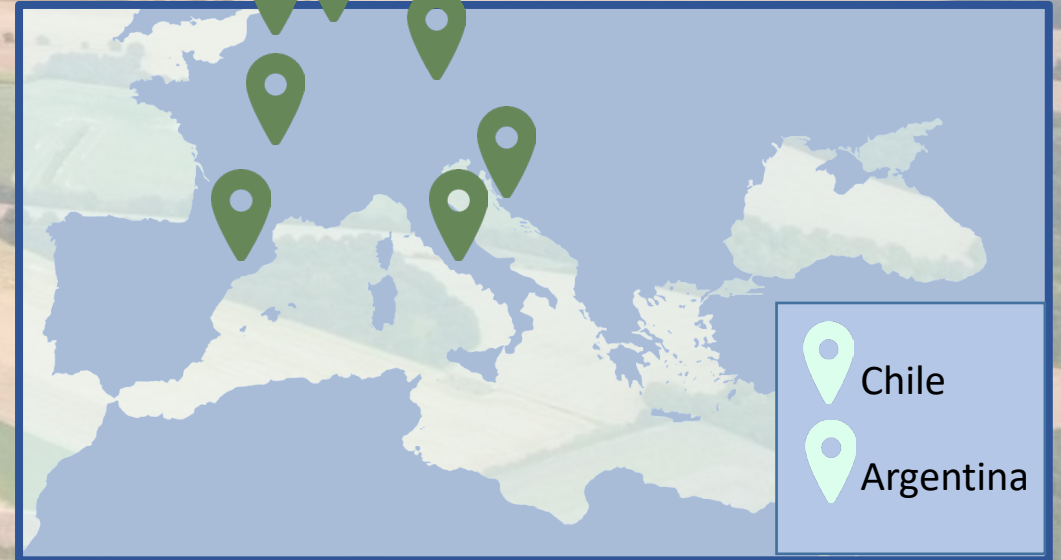
- Strengthening an innovative sustainable economy, increasing the replicability, adaptability and transferability of innovative solutions.
- Develop permanent collaboration with stakeholders.
- Evidence-based on circular economy approaches translated into political commitment and local action plans.
- Apply Smart Specialisation Strategy in the Med.

# FERTIMANURE

## Horizon 2020, 2020-2023

### Objective

Aims to provide innovative solutions for manure management that are ready to be applied and exploited to cover real needs. Even though the project will be mainly focused and designed to improve manure management and nutrient recycling in Europe, at the end it is expected to obtain global solutions that could have a real impact worldwide.



### Actions

- Next to EUs fertilizer market, special emphasis will be placed on the Chil-Arg market and notions of Chil-Arg farmers regarding new fertilizers acceptance.
- Specific legislation assessment will be also done for Chil-Arg countries participating in FERTIMANURE
- Especific events in Chil-Arg

### Impact

- Increase acceptance of new bio-fertilizer by EU and non-EU countries
- EU and non-EU countries real needs covered
- Increasing linkages between different stakeholders



### Objective

Aims to improve TUBITAK MRC R+D+i capacities to strengthen its scientific reputation, attractiveness and networking channels while stimulating scientific excellence in key applications of Smart Environmental Solutions for the mitigation and adaptation to climate change of Turkish economy.

### Actions

- **CAPACITY BUILDING:** A strategic plan will be implemented to strengthen TUBITAK MRC's research management and administration skills, promote cooperation with industry, effectively implement projects and ensure sound financial management during the entire life cycle of cooperation projects.



### Impact

- Increased science and innovation capacities for all actors in the R&I system in widening countries
- Structural changes leading to a modernised and more competitive R&I systems in non-EU countries
- Eventually, accompany TUBITAK MAM's to become a Center of Excellence.

Not that many Higher Education Entities  
have a leading role in **development  
cooperation and capacity building**



**Create an engaged ecosystem**



**Find solutions for common challenges**



**Promote the transfer of novel practices**



**Integrate at different policy levels**

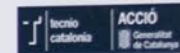


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# Working for a sustainable development

- Reaching cooperation through R+D+i
- Leading role from HEE
- Institution without political interests
- Vast collaborative experience

INCREASING THE  
IMPACT IN ALL LEVELS



We consider R+D+i  
a cornerstone for  
sustainable-social  
development  
through  
cooperation  
between equals

Bidirectional flow  
between North and  
South



RESEARCH +  
INNOVATION  
|  
POLICY

INTERFACE



*Contributing to sustainable rural development  
and the transition to circular bioeconomy*



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BETA Technological Center



tecnio  
catalonia  
Fins a 31/12/2023



ACCIÓ  
Generalitat  
de Catalunya



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Tecnologia Ambiental i Aliment

## Thank you

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