

Horizon Europe Brokerage Event Cluster 6 Calls 2025

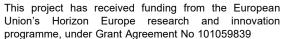
Warsaw , 27 May 2025

Reforestation of damage woods & water ecosystem restoration with innovative agroforestry

German Cavero/Patrico Cano











Topic(s) addressed :

 HORIZON -CL6-2025-01-BIODIV -01-two -stage: Living labs and lighthouses co -creating innovative solutions for forests and freshwater ecosystems restoration

Other topics of interest:

- HORIZON-CL6-2025-01-BIO DIV-02-two-stage: Breeding for resilience: enhancing multi-stress tolerance in crops
- HORIZON-CL6-2025-02-FARM2FORK-01-two-stage: Emerging and future risks to plant health











OUR SERVICES: SUSTAINABILITY

- ENVIRONMENTAL AND ECONOMIC IMPACTS ASSESSMENTS
- · LCA, LCC, SOCIAL LCA
- TECHNOECONOMIC
 - **ASSESSMENTS**
- ECODESIGN











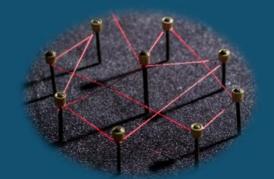




- WORKERS
- VALUE CHAIN STAKEHOLDERS
- CONSUMERS
- SOCIETY
- LOCAL COMMUNITIES

SERVICES

- SOCIAL INNOVATION
- SOCIAL LIFE CYCLE
- SOCIAL IMPACT ASSESSMENTS
- SOCIO ECONOMIC REPERCUSSION ANALYSIS
- SOCIAL ACCEPTANCE & PERCEPTION
- CAPACITY BUILDING & TRAINING
- AWARENESS RAISING

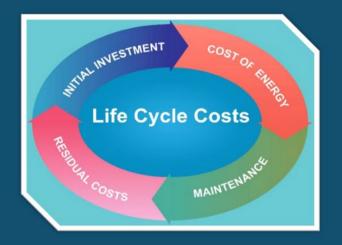




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LIFE CYCLE COSTING

All the capital, operational costs and the potential savings of implementing the proposed solutions are determined.

COST-BENEFIT ANALYSIS

In a second-stage cost-benefit analyses are developed in order to confirm the economic feasibility of bringing the new technologies & products in the target markets.









OUR SERVICES Climate Change & Sustainability



PRODUCT LIFE CYCLE MANAGEMENT

A methodology that manages not only the product design, but also the materials and the quality while effectively collaborating with other stakeholders and ensuring that product plans remain confidential



TECHNO-ECONOMIC ASSESSMENTS

A techno-economic assessment (TEA) evaluates the technical performance and economic viability of a technology, combining engineering and economic analyses to inform cost-effective decision-making.



LIFE CYCLE COSTING AND PROFITABILITY ANALYSIS

Assessment the total costs and financial performance of a product over its entire lifecycle. LCC examines costs from production to disposal, while profitability analysis evaluates revenue, expenses, and profit margins to ensure long-term financial viability.





OUR SERVICES

Innovation Management



SUSTAINABLE INVESTMENTS

We design and implement appropriate strategies aimed to increase both, the profitability and the positive environmental & social impacts of our clients' operations.



i+d+I PROJECTS FOR SUSTAINABLE DEVELOPMENT Our team design, evaluate and provide support at writing proposal stage and during the implementation of projects for sustainable development.





OUR PROJECTS





Building sustainable & circular economy through innovative, biobased manufacturing lines.



Heterogeneous material and technological platform for a new domain of power nanoelectronics.



A computationally-assisted methodology for the design and implementation of a biorefinery to valorize waste and by-products from the fishing industry.



An inclusive, aesthetically beautiful, and sustainable transformation of contextually heterogeneous city landscapes in Europe.



Biobased compounds engineered from marine and extremophilic microorganisms.



Nanomaterials Enabling Smart Energy Harvesting for Next-Generation Internet-of-Things.



Bioremediation systems exploiting synergies for improved removal of mixed pollutants.



Solar and microwave energy for efficient inter-satellite communication





Project idea

- Innovative agroforestry strategies to preserve woods and improve freshwater ecosystems in living labs across four European regions : Mediterranean, Northern, Central and Eastern Europe will be implemented .
- It is also envisaged the investment promotion to produce ecologic products and services in the selected pilots, increasing the biodiversity and the sustainable use of resources.
- With the proposed strategies it will be possible to increase the ecologic, social and economic resilience of the damaged ecosystems.





Consortia currently composed by partners from Spain , Italy , France, the Netherlands and Sweden .

Looking for the following profiles:

- Pilot sites in Estern and Northern Europe .
- Interested Municipalities & policy makers .
- Nature -based solutions developers to restore damaged ecosystems





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