

ECO-INNOVERA 2nd Call-for-Proposals

Eco-innovation addresses all three aspects of sustainability, developing solutions to environmental challenges that contribute to sustainable growth and social well-being.

New solutions should be considered in a dynamic and systemic way, encompassing both incremental and radical innovations: from improving existing products and processes (i.e. reduction of emissions and impacts) to rethinking of a product (e.g. better products and closed material chains) up to re-design of a value chain or a societal function (i.e. transition processes; leasing services instead of materials sales).

ECO-INNOVERA is calling for multidisciplinary projects which include social, environmental, market and technological issues. The participation of SMEs is highly welcomed as they are in the core of eco-innovation systems. Projects should describe the expected economic and environmental impacts of the proposed eco-innovations as well as investigate potential societal changes. Clear and realistic recommendations for policy makers should be developed on measures to support the implementation of eco-innovation along the whole value chain and its diffusion in the society.

Transport applications, energy generation (both from conventional and renewable sources) and energy efficiency are excluded (already addressed in other ERA-Nets.)

Topic 1: System Innovation

Achieving eco-innovation at scale and with high impact will require a more holistic and systemic approach than conventional approaches to innovation, and may lead to quite different models of production and consumption.

The potential impact and system innovation character of proposals will be assessed by considering the following questions:

- Does the proposed innovation represent a radical or transformational change in the manner and/or environmental impact in which a product or service is delivered?
- To what extent does the proposed innovation imply the development of new supply chains or substantial reconfiguration of (multiple) existing supply chains?
- Are multiple innovations required along the supply chain (or even across different supply chains) and to what extent are these mixtures of technological, societal or institutional in nature?

Topic 2: Sustainable processes and products

This topic seeks proposals which will mobilise the value chain (both industry partners and the knowledge base) to deliver projects which are high impact both in terms of the market opportunity they address, and the environmental/societal benefits they will enable.

This topic focuses on:

- Technologies which allow a significant improvement in resource efficiency that can be applied across different industrial and consumer applications
- Process modifications which significantly reduce pollution at source
- Substitution of high impact materials and/or the use of renewable resources in existing industrial processes and products
- Integrated waste management approaches including technologies that support the greater use of industrial symbiosis within a specified industrial system.

Topic 3: Recycling; Re-use of waste and water

This topic seeks new products, processes and services which will enable significant reductions in the impact of waste and recycling processes and new products which make better use of waste and secondary materials.

This topic focuses on:

- Product design approaches which minimise or eliminate waste production, or that facilitate the treatment at end-of-life to provide high-quality secondary materials
- Supporting research for overcoming social and market barriers for using materials and products made from secondary materials
- Sorting and separation technologies for complex mixtures of plastics, metals and waste materials
- Production of high value chemicals and products from organic waste streams
- Lower impact waste management and recycling processes, including adaptation of existing waste processes to provide better separation and recovery of materials from waste streams.



ECO-INNOVERA

Boosting Eco-Innovation
through joint cooperation in
research



ECO-INNOVERA

Joint R&D 2nd Call-for-Proposals

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Call Secretariat

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Online Submission:
www.eco-innova.eu/submissioncall2

Further information:
www.eco-innova.eu/jointcall2

Type of funded R&D projects*:

- Experimental Development
- Industrial Research
- Fundamental Research

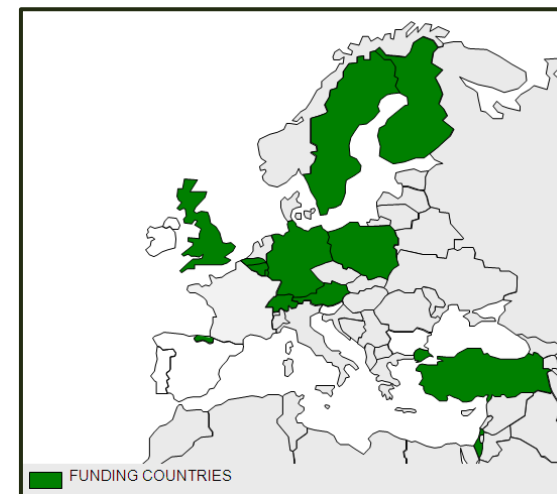
In cooperation involving

- Public labs
- SMEs
- Large enterprises

Provisional time schedule

8 th January, 2013	Opening of the call for pre-proposals
8 th April, 2013	Deadline for submission of the pre-proposals
21-24 th May, 2013	Evaluation of pre-proposals
15 th July, 2013	Deadline for submission of the full-proposals
End of October, 2013	Evaluation of full-proposals and announcement of the results
January, 2014	Expected launch of projects

Indicative budget
€ 10 Millions
from 12 funding partners**



Participating partners:

BAFU (Switzerland), **BMBF** (Germany), **BMLFUW** (Austria), **DG06** (Wallonia), **FORMAS** (Sweden), **IWT** (Flanders), **IHOBE** (Basque Country), **MATIMOP** (Israel), **NCBIR** (Poland), **Tekes** (Finland), **TUBITAK** (Turkey), **TSB** (UK)

*Note that not all funding organisations are able to support all types of R&D projects

**Funding and contracting at National/Regional Level under national/regional specifications.