



# ECO-INNOVERA

Boosting Eco-Innovation  
through joint cooperation in  
research



**Joint R&D  
Special Call 1**

ECO-INNOVERA is funded by the EC (GA No. 266538)



## Call Secretariat

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### Online Submission:

[www.eco-innova.eu/submissioncall1](http://www.eco-innova.eu/submissioncall1)

### Further information:

[www.eco-innova.eu/jointcall1](http://www.eco-innova.eu/jointcall1)

### Type of funded R&D projects:

- Experimental Development
- Industrial Research
- Fundamental Research

### In cooperation involving

- Public labs
- SMEs
- Large enterprises

### Provisional time schedule

2011 June, 20 <sup>th</sup> 2011 July, 1st	Opening of the call; Opening of the electronic submission system (ESS)
30 <sup>th</sup> September, 12 a.m. Paris time	Deadline for submission of the full proposals
October to December	Peer reviewing of eligible proposals
January /February 2012	Meeting of the Evaluation and of the Steering Committees: projects recommended for funding

## Budget of € 12/15 millions and 13 funding partners

### Contact Persons

ANR	FR	Sylvie Niessen
BMBF	DE	Christiane Koziolk
(PtJ, on behalf of BMBF)		
BAFU	CH	Daniel Zuercher
BMLFUW	AT	Norbert Peherstorfer
DG06	Wallonia Reg.	Julie Jasmes
IWT	Flanders Reg.	Kathleen Goris
FNR	LU	Carlo Duprel
FORMAS	SE	Conny Rolen
IHOBE	Basque Country	Inaki Susaeta
MICINN	SP	José Rodriguez-Mirasol
TEKES	FI	Karin Wikman
NCBIR	PL	Olesia Witowska
TUBITAK	TR	Pinar Aker

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

A contact with the relevant contact persons is highly recommended

## ECO-INNOVERA Call 1

Eco-innovation addresses the three dimensions of sustainability on the same level: to contend to with environmental challenges and in the same way contribute to sustainable growth in economic and social welfare. They 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 redesign 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 in order to include social, environmental, market and technological issues. SME's participation is highly welcomed as they are in the core of eco-innovation systems. Project should well describe the expected economic and environmental impact of the related eco-innovations as well as investigating 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 issues, Building energy efficiency, energy production and wood and wood fibre based products are out of scope (topics already addressed in other ERA-Nets.)

### **Topic 1: Paradigm Change**

Eco-innovation aims at the emergence of new types of sustainable production/consumption value chains using systemic approaches (life cycle thinking). Paradigm changes can e.g. be embedded in new business models. However, their impacts on the environment, on the market, and on the society are not easy to anticipate.

This topic focuses on the following points:

- Development of methodology and tools for the detection of innovation fields being able to play a key role in eco-innovation in Europe
- Studies to identify and investigate new innovation fields and market sectors to concentrate in the future
- Dynamic assessment of the environmental and sustainable issues of value creation to characterize new business models

### **Topic 2: Sustainable industrial processes and products**

ECO-INNOVERA intends to support research for environmental improvements in industrial sectors with high impact on greenhouse gas emission, resource and energy efficiency, waste production or environmental pollution (water, air, soils).

This topic focuses on the following points:

- Radical improvement of resource and energy efficiency, with different industrial or household applications
- Treatment at the source to reduce pollution production can be an important point of the proposal
- Substitution technologies and use of renewable resources as new options for industrial processes

### **Topic 3: Recycling and waste re-use**

The general outline of this topic is "Making more and better with waste: new products and better products with waste materials".

This topic intends to answer the following points:

- Adapt the existing industrial processes for a better separation and recovery of the waste materials, especially for complex waste streams.
- Eco-design for recycling
- Overcoming social and market barriers for using materials and products
- Create a good market of secondary materials and be creative in generating products in secondary materials
- Design for reincarnation, closing loops and Cradle to Cradle projects
- Lowering the impact of the recycling industry

Methanisation and composting are out of scope.