

Ecoinnovazione srl and its role in the project

ERASMUS+
Miskolc, HU

P. Masoni

2 October 2019



ecoinnovazione

spin off **ENEA**



ecoinnovazione

spin off **ENEA**



In Ecoinnovazione's team there are professionals and researchers of long experience and with an international reputation.



Competencies include

engineering, environmental science, economics

and management, able to tackle with the complexity of sustainability and environmental assessment in

any applications: agriculture, industry, and services



We create value
for your
enterprises



Assessment of the
socio-economic
value of products



Through **innovative**
and **customized**
services for
sustainability

Sustainable
Strategies



Sustainable
Organisations



Product and organisation
environmental
footprint



Sustainable products
and technologies

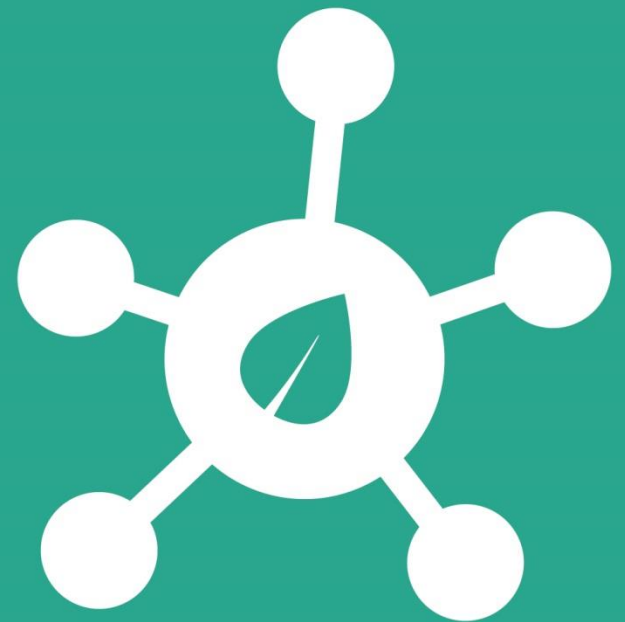


Sustainable
territory



We highlight risks and opportunities your business is facing now and in the next future, due to changing in sustainability legislation, considering market evolution trajectories and eco-innovation opportunities. We help you in defining and implementing sustainable strategies and priorities for actions.

Sustainable Strategies





Example of Activity

Whirlpool uses eco-innovation for sustainability as element of the company's competitiveness. Ecoinnovazione has performed a **strategic analysis on major sustainability activities in progress in the food and home appliances sectors in major global and European markets**

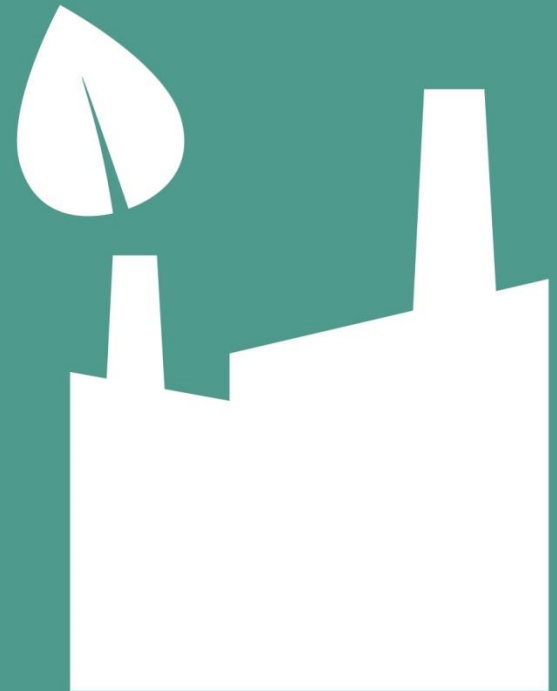
Results

Identification of most relevant trajectories of eco-innovation for sustainability in company's priority markets



Applying most advanced techno-scientific tools and methods for analytic approach to sustainability, we help you in undertaking a road map towards the full exploitation of environment and sustainability as key determinant of your competitiveness.

Sustainable organisations



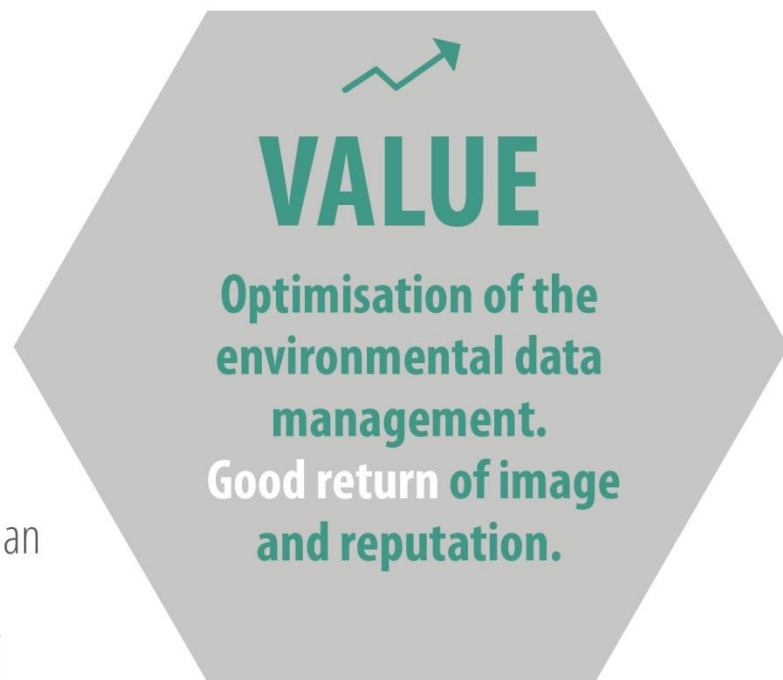


Example of activity

Definition of a road map for achieving and maintaining an environmental leadership in its industrial sector (agricultural machines).

Results

With a step-by-step approach, starting from a Carbon Footprint of one of its plants, the enterprise has broadened the analysis to all the Italian production plants and has included a multi-criteria analysis on a comprehensive set of indicators with an **Organisation Environmental Footprint**. The firm is part of a selected set of world organisations participating to the testing of the Organisation LCA promoted by UNEP (United Nation Environmental Program).



We help you in developing and marketing eco-innovative technologies and products, implementing eco-design strategies in your product development process, exploiting synergies with LEAN production and integrating environmental assessment for all your product portfolio, with relevant savings for their certification.

Sustainable technologies and products





Results

C02 emission reductions are not counterbalanced by other environmental impacts

Example of activity 

Environmental assessment of innovative agricultural practices and technologies finalised at reducing impacts on climate change.



The value of a territory and its production system shall consider the environment as key determinant. We support public authorities and trade organisation in defining sustainability strategies and implement them.



Sustainable territories



☑ Results

Promotion of eco-innovation in the local enterprises.
 Awareness development about the **opportunities** stemming from eco-innovation strategies.
 Definition of **eco-innovation** priority action plans for the audited enterprises.

Example of activity 🔍

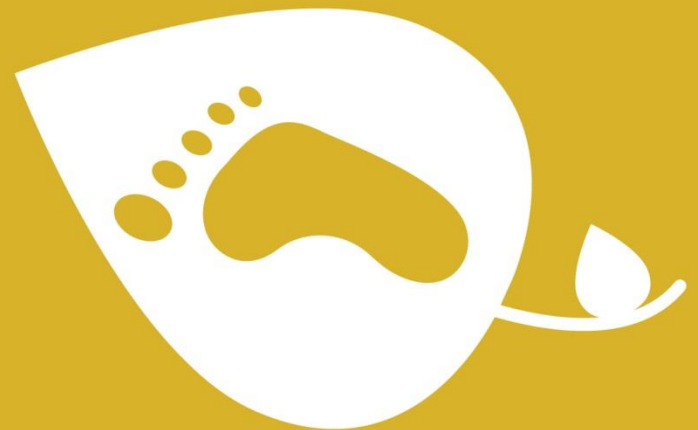
Organisation of informative and **training workshops and seminars** organised with entrepreneurial organisations. **Environmental audits** in the most motivated firms.



We use the European harmonised methods for the quantification of the life cycle environmental impacts of organisations and products, OEF and PEF.

They are able to produce the most robust scientific results for supporting any environmental claim. PEF is also the method used by the new Italian voluntary scheme for environmental qualification Made Green in Italy.

Product and organisation environmental footprint



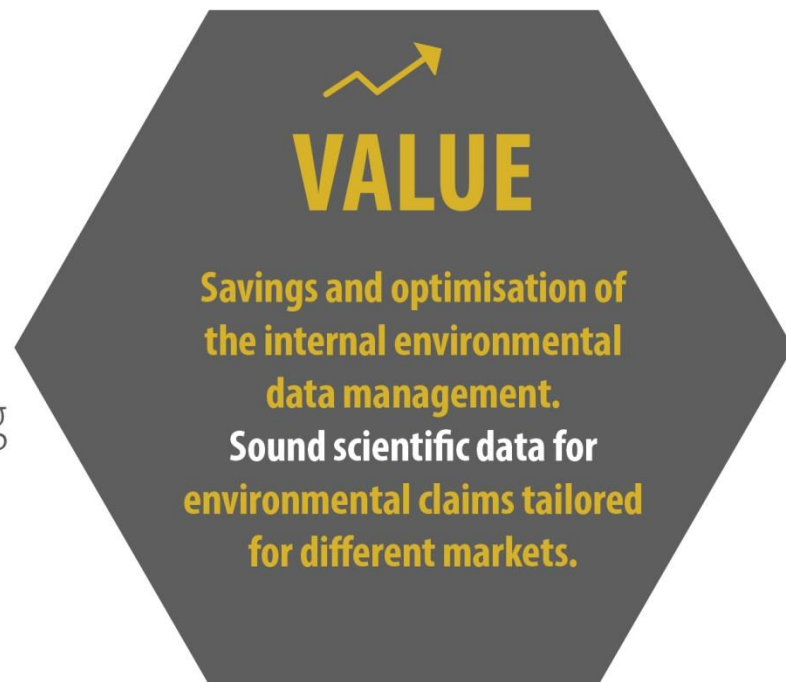


Example of activity

As part of a broader industrial ecology project, application of **product and organisation environmental footprint** in the wine sector

Results

Measuring the environmental impacts and identifying where they come from in the organisation and in the life cycle of products, **improvements solutions** can be identified, improving the overall resource use and energy efficiency.



In many cases a product has a better quality respect to competitors thanks to the care of socio-economic aspects of the production territory, of the local communities, of the workers. We can quantify this quality allowing you to exploit it in the market

Assessment of the socio-economic value of products





Assessment of the socio-economic value of products


*Cliente:
Cellucomp ltd*

Results

Integrated with the results of an environmental Life Cycle assessment, **quantification of the sustainability of products for the circular economy.**

Example of activity

Life Cycle Costing and the quantification of the externalities of an innovative product for the rheological modification of fluids that uses agricultural residues



VALUE

Sound scientific data for sustainability claims of an innovative product.
Identification of criteria and recommendations for the industrial scale up of the process.



ecoinnovazione

spin off **ENEA**

We provide innovative and customised services to build and implement together with you a winning sustainability strategy

eco@ecoinnovazione.it
www.ecoinnovazione.it

Role in the project

- Responsible for Quality Assurance Management
- Responsible for teaching of methodological and theoretical background of LCA, LCC, PEF etc. to participants (when requested)
- Proposal for the content of the handbook
- Responsible for controlling the professional context of the GUIDE book - verifies that the handbook is written according to the accepted content.
- Responsible for the peer review of the Handbook,
- Contributing to data collection for web application and multimedia tools in the book.
- Organisation of a project meeting and a multiplier event.
- Participant to all work package, especially of learning and teaching work package
- **Leader of Workpackage 6: Learning and Teaching: mutual information sharing among project participants.**
- **Leader of Workpackage 8 Quality Assurance and Evaluation**

WP 6: Joint education between participants

- Collaborative short-term training of staff members of the partnership institutions to work on project implementation, exchange experience on the project, learn about good practices in institutions, participate in joint training courses, etc. The duration of the mobility is 3 professional days.
- The project partners present their good practice. One side the participant learn about importance of carbon embodied methodology developed by Bionova, other hand the goal of this event a knowledge transfer of LCC and LCA calculation for solution of circular economy, and thirdly, to gain experience of the ÉMI 's Solar Decathlon and FIEK programs and about the methodological background of these researches.
- Beside this we invite speaker from other software developers, especially from Ecoinvent or Thinkstep.

WP 8 Quality Assurance and Evaluation

- Setting up the Quality Assurance Committee (QAC)
- Set up goals of project assurance (why to assure the project's quality?)
- Assign responsibilities to members of the quality team and determine the hierarchy of management (who will carry out the quality assurance activities?)
- Gather relevant information on the project standards and define compliance criteria (how to make quality assurance?)
- Identify a set of measurements (checklist) and metrics to be used to determine quality levels and performance: good (G); acceptable (A), further development (FD), missing (M).

Indicators described in the project

- We measure the number of usage of web application and downloaded Handbook.
- Number of visitors, number of downloaded text book, number of adaptation of web application and number of feedback;
- Number of joint learning training;
- Number of participants of short course at the Construma expo ;
- Number of participant of Multiplier event,
- Number of feedback and comments arriving to the apps,
- Measured or calculated Carbon Footprint reducing,
- Number of interested people, who want apply it,
- Number of interested people at our outside partner,
- Number of EPD on the market,
- Result and evaluated repeated survey about consumer attitude,

Budget

Management	6000€	250€ per month
Open meeting	2875€	575€ per person
Meeting 3	2875€	575€ per person
Meeting 4	2875€	575€ per person
Meeting 5	2875€	575€ per person
O1	22935€	110 p*d
O1 web application	23505€	115 p*d
Mulptplier event	2400€	20 local 2 foreign
Joint training	1375€	225 €PerPerson
	67715€	



ecoinnovazione

spin off **ENEA**

We provide innovative and customised services to build and implement together with you a winning sustainability strategy

eco@ecoinnovazione.it
www.ecoinnovazione.it