



COSMENERG

Programme: COSME - COS-CLUSTER-2015-3-02: CLUSTERS EXCELLENCE PROGRAMME

Project full name: Cluster Excellence project in Central and Eastern European network of cluster organisations in the field of (eco- and bio) energy, renewable energy and environmental technologies

Acronym: COSMENERG

Duration: from 16/11/2016 till 15/11/2018

Consortium composition:

Participant No	Participant Organisation Name	Country
1 (Coordinator)	ARCHENERG CLUSTER	Hungary
2	GREEN ENERGY INNOVATIVE BIOMASS CLUSTER	Romania
3	NEU e.V – NETWORK of ENERGY and ENVIRONMENTAL TECHNOLOGY	Germany
4	IMP-PAN, BALTIC ECO-ENERGY CLUSTER	Poland
5	ECOPANONIA - ECO-ENERGY AND ECO-CULTURE CLUSTER	Serbia

Objectives:

1. To strengthen the participating clusters' management excellence to provide more professional innovation and business support services to their SMEs members. The geographical scope covers EU countries, EU candidate countries and COSME countries, such as Germany, Poland, Hungary, Romania and Serbia.
2. To develop strategic plans to generate greater added value for the participating clusters' members, including through enhanced cluster collaboration among them.
3. To promote the participating clusters' learning, with a focus on engaging cluster organisations from regions with different levels of economic development (from developed to in transition), and with distinct stages of development experience (from Gold Cluster Management Excellence Label to expected 1st assessment).
4. To support participating clusters' managers to develop a comprehensive strategy with a view to support the growth and the competitiveness of their members, as well as a roadmap for the implementation.
5. To facilitate the collaboration among the participating clusters to operate jointly at EU level and to exploit synergies towards common activities and joint strategy development for the long term.

Sectoral/industrial focus:

Eco-energy, bio-energy, energy efficiency, renewable energy and environmental technologies

Executive Summary

The project aims to generate added-value services for the involved cluster organisations' SME members and support their growth and competitiveness through identifying the type of services generating the greatest added-value and delivering these services in the most effective manner. The total number of SME members involved is 294.

The objectives will be achieved through a number of activities planned within a 24 months period starting in November 2016:

- targeted training actions to enhance the cluster managers' skills, - elaboration of SME members' need analyses, surveys,
- undertaking value-chain and market analysis,
- preparation of a comprehensive mid-term cluster strategy,
- establishment of a consolidated strategy at consortium level,
- preparation of a communication plan and dissemination report,

The consolidated consortium strategy will also outline the planned collaboration and follow-up actions of the network of applicant cluster organisations in order to sustain the project results. The above activities will be supported by several networking activities to facilitate cluster cooperation and synergies on skills enhancement and strategy development (see Events organised by the project).

Expected Results:

- 1st Cluster Excellence Benchmarking assessment with a result of awarded bronze label (IMP-PAN BEEC, ECOPANONIA)
- More competent, trained cluster managers and staff through networking and learning events and study visits
- Guidelines as value-added tools for cluster management and skills enhancement
- Improved cluster strategy based on SME members' need analysis and value-chain and market analysis
- Consolidated consortium level strategy and multilateral partnership agreement for continued collaboration in respect of Cluster Excellence
- Improved or newly launched cluster services (2 per cluster organisations) targeting a total number of 294 SME members of the consortium

Events organized by the project:

- joint learning and knowledge sharing workshop events at consortium level with study visits (3),
- awareness raising workshops at cluster levels (3),
- cross-cluster learning events by European Commission/EASME (2).

Coordinator contact details:

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Participating clusters:

1. ARCHENERG CLUSTER



- Design and implementation of renewable energy and energy-efficient projects (i.e.
 - obtaining compulsory permits,
 - installation of solar collectors,
 - design and construction of heat pump systems,
 - construction of electrical installation and insulation works, etc)
- Feasibility studies and cash flow calculations
- Advisory services in the fields of funding and procurement
- Training services
- Energy auditing of buildings
- Preparation of energy conservation project proposals
- Other services

<http://www.archenerg.eu/index.php/en/>

2. GREEN ENERGY INNOVATIVE BIOMASS CLUSTER



- Utilization of wood waste by converting it into wood chips, wood pellets and briquet
- Manufacturing and installation of biomass boilers
- Fallow land utilisation for biomass plantations

<http://www.greenenergycluster.ro/index.php?language=en&page=1>

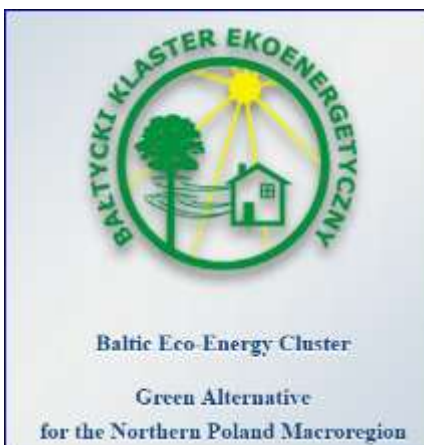
3. NEU e.V – NETWORK of ENERGY and ENVIRONMENTAL TECHNOLOGY



- Promotion of bioenergy and solar energy use, energy efficiency projects, electromobility
- Development and implementation of environmental and water management projects
- Education and qualification of environmental and energy specialists
- Coordination of research and development projects

<https://neu.energiemetropole-leipzig.de/en/>

4. IMP-PAN, BALTIC ECO-ENERGY CLUSTER





- Fostering the decrease of energy intensity of the economy in the Northern Region of Poland
- Limiting the negative influence of energy sector upon the environment
- Stimulating the competitiveness of SME in the Region via fostering development of new technologies and innovative solutions in the following areas:
 - renewable energy sources, distributed generation & prosumer energetics;
 - smart grid in terms of transmission and distribution of energy;
 - energy storage;
 - sustainable transport & e-vehicles;
 - biocomponents & biofuels;
 - renewable energy sources in industrial processes;
 - waste utilisation in terms of energy and material applications;
 - fostering the significant increase of biomass utilisation for energy purposes;
 - development of micro & small scale biomass-fired CHP units;
 - environmental awareness rising;

<http://www.imp.gda.pl/en/beec/>

5. ECOPANONIA - ECO-ENERGY AND ECO-CULTURE CLUSTER



Education: Organisation of business conferences, exhibitions, seminars, professional and scientific gatherings to support business opportunities of cluster members

Practice: Organizing informative and professional visits to relevant companies in the country and abroad for cluster members' representatives, target organizations and institutions. Preparation of study tours

Promotion: Preparing the representatives of the Cluster members for more efficient public and media appearances for promotional purposes

Application: Organizing practical trainings for Cluster members' representatives on national and international tenders of public procurement.

<http://ecopania.com/home/>

