

## WMRC Waste Management and Recycling Cluster Lublin, Poland

Coordinator: Centrum Kooperacji Recyklingu – not for profit system sp. z o.o. /The Centre for the Cooperation of the Recycling – not for profit system Ltd



Klaster Gospodarki  
Odpadowej i Recyklingu



### ABOUT

Centrum Kooperacji Recyklingu – not for profit system sp. z o.o. serves as the Coordinator of the Waste Management and Recycling Cluster (WMRC).

The Waste Management and Recycling Cluster is formed by businesses, research and development units, business support institutions, consulting companies and foundations dedicated to environmental education.

The core of the cluster is made up of companies engaged in collection, disposal, processing, recycling and transport of all types of industrial waste. The main specialty of the majority of these companies is processing of used electrical, car manufacture and electronic equipment such as: cathode ray tubes and glass from the dismantled ones, worn cables, worn out computer and telecommunication equipment, used light sources, consumer electronics and home appliances from all over the country.

The Cluster also includes a manufacturing company from the outside of the waste sector, dealing with the design and manufacturing as well as with emptying of the refrigerant and dismantling of refrigeration equipment. In addition, a company dealing with designing and manufacturing of equipment, constructions and metal containers is a cluster partner.

The cluster also includes two prestigious research institutes conducting comprehensive scientific research concerning widely understood mineral resources management - from obtaining resources to waste management and environmental protection, including waste management and their use as alternative energy sources.

### EXPERTISE

The main role of cluster is to:

- Build and develop a network of cooperative relations among current and potential cluster partners and a network of stakeholders
- Facilitate the access to the latest achievements of science, technology and the exchange of experiences for cluster partners, their agents and employees
- Create new and improve existing services and products to raise the level of competitiveness of the members. Including strengthening the «value chain»

- Waste and regulations, waste stability and stabilisation
- Secondary materials design and processing for reuse and upcycling
- Coordinate the cooperation, initiatives and projects towards development of the idea of «sustainable development» and corporate social responsibility;
- Promote cluster activities in the country and abroad through the website, trade fairs, exhibitions, conferences, trade missions and others;
- Administrate whole organisation and support cluster members

### FACILITIES & SERVICES

Waste management is delivered according to the latest available technologies, using the best available equipment and process used for recycling, which can be used to deliver tests and experiments.

In addition, research and development units included in the cluster have their own laboratories and software which can be used by different sectors, for instance:

- The geothermal laboratory in Bańska Nizna which continues the scientific research, experimental and semi-technical work initiated by the aforementioned Experimental Geothermal Plant.
- The laboratory of Wave Methods (LWM) engages in research on the structure and properties of various geological mediums and their behaviour under different conditions.
- Environmental laboratory include research and laboratory studies in field of: environmental sampling, contaminant leaching (static and dynamic tests), research into water and soil pollution with inorganic compounds.
- Software like SimaPro and Gabi necessary in carrying out the LCA analysis (Life Cycle Assessment).

And many others.



### MORE INFORMATION

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