

Industrial Energy Efficiency

Best Practice and Information Dissemination platform



ABOUT THE PROJECT

The project “Catalyzing market transformation for industrial energy efficiency and accelerate investments in best available practices and technologies in the Former Yugoslav Republic of Macedonia” aims to reduce greenhouse gas emissions in the Republic of North Macedonia by accelerating the transformation of the Macedonian market for industrial energy efficiency towards increased use and demand for IEE best-available practices and technologies such as energy management systems and energy systems optimization and greater offer of related consultancy and investment services.

The project pursues the objectives of reducing industrial GHG emissions and transforming the local market for IEE through barrier-mitigation interventions at three levels.

The purpose of the IEE BPID platform is to address the substantial awareness- and knowledge gaps between industry decision makers and institutions about IEE opportunities, benefits and costs. It aims to provide information and tools to be used primarily by energy efficiency consultants and facilities’ personnel.



PROJECT COMPONENTS

Project Component 1

Includes certification of energy management personnel in case of large energy consumers; incentives for EnMS implementation; and IEE best practice information dissemination. It also focuses on the use of industrial energy data management tool; the assessment of climate technologies for industry; and the strengthening of IEE institutional expertise.

Project Component 2

Involves training for local IEE consultants on EnMS in line with ISO 50001; steam system optimization (SSO); and compressed-air system optimization (CASO).

Project Component 3

Provides technical assistance for IEE investment proposal preparation and appraisal.



THE IDEA BEHIND IEE BPID

The IEE BPID programme wants to offer a reference point for energy management and IEE practitioners, and for enterprise personnel where to find information and resources for promoting, developing and implementing energy managements systems and other IEE best-available-techniques and measures.

The IEE BPID platform strives towards the following goals:

- 1) Building/strengthening business cases for energy management systems (EnMS) implementation; steam and compressed-air system optimization projects; and other best-available technologies and techniques for industrial energy efficiency;
- 2) Identifying and developing energy savings measures and projects to improve industry energy efficiency;
- 3) Self-studying and competencies development;
- 4) Connecting enterprises with EnMS/IEE specialists and service providers;

The IEE BPID platform is the result of a joint effort between the Energy Agency of the Republic of North Macedonia and the Regional Environmental Center, in collaboration with UNIDO, the United Nations Industrial Development Organization and GEF, the Global Environmental Facility.

The platform focuses on two important elements – energy management systems, in line with ISO 50001 requirements and recommendations, and energy systems optimization, with the goal of energy and cost-savings, while simultaneously reducing greenhouse gas emissions.

The project is funded by the Global Environmental Facility with contributions from UNIDO, the Ministry of Environmental and Physical Planning, the Ministry of Economy, the Energy Agency, the Macedonian Bank for Development Promotion, the USAID Industrial Energy Management (IEM) project, the Faculty of Technology and Metallurgy of the University of St. Cyril and Methodius and many private sector enterprises. It has been implemented by UNIDO and executed by the **Regional Environmental Centre Country Office Macedonia**.

IEE BPID wants to offer a platform to raise awareness of an increasingly broader industrial and general public audience about Macedonian best practices and success stories in the implementation of energy management system and energy efficiency in industry.



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