Catalysing Market Transformation for
Industrial Energy Efficiency and
Accelerating Investments in
Best Practices and Technologies

The project addresses existing barriers to energy efficiency in the Macedonian industrial sector through an integrated approach that combines capacity building with targeted technical assistance at the level of policy, market, and energy efficiency implementation. The REC is partnering with public institutions, including the Ministry of Environment and Physical Planning, the Ministry of the Economy, the Energy Agency and the Macedonian Bank for Development Promotion; as well as with the private sector.
OBJECTIVES
The project contributes to accelerating the transformation of the Macedonian market for industrial energy efficiency towards the increased use of, and demand for, best available practices and technologies such as energy management systems in line with ISO 50001, and a greater offer in terms of related consultancy services. During the project, annual GHG emissions reductions of 133,000 tonnes of CO₂eq are anticipated. The goals are to:

● strengthen Macedonian policy, regulatory and institutional frameworks and capacity for market transformation for industrial energy efficiency and green industry;

● develop the market for the deployment and diffusion of best available practices and technologies for energy efficiency and environmental sustainability in industry; and

● scale up investments in energy efficiency technologies for industry.

ACTIVITIES
The project is divided into three components:

● **Component 1** – Policy and institution strengthening

● **Component 2** – Market services, skills and implementation

● **Component 3** – Enhancing investments

Component 1 is based on the Energy Management Policy Programme, which includes the certification of energy management personnel in the case of large energy consumers; incentives for energy management system implementation; and industrial energy efficiency (IEE) best practice information dissemination. This component also focuses on the use of an industrial energy data management tool; the assessment of climate technologies for industry; and the strengthening of IEE institutional expertise.

Component 2 involves training for local IEE consultants on: energy management systems in line with ISO 50001; steam system optimisation (SSO); and compressed-air system optimisation (CASO). The consultants’ new skills will help partner companies to identify and implement IEE measures. Collaboration between consultants and partner enterprises takes place in so-called energy management teams, which participate in one-year energy management capacity-building programmes.

Component 3 provides technical assistance for IEE investment proposal preparation and appraisal; a performance-based cash premium for IEE investments; training of local IEE consultants; and the training of lending officers in Macedonian banks.