



The Institute for Ecology of Industrial Areas (IETU) is a research institute that operates as an independent organization under the Polish Ministry of the Environment. IETU carries out research and development projects as well as provides technical services for local and state authorities, regulators and businesses focused on environmental challenges posed by industrialized and urbanized areas in the context of the circular economy, resource efficiency, adaptation to climate change and mitigation of its effects.

IETU is an experienced partner in international collaborations with an extensive portfolio of over 50 multinational research, development and innovation projects implemented under the flagship of the European Union.

Being involved from the very beginning in the development and implementation of the ETV Programme at the EU and national levels, in 2016 IETU established within its structures an Environmental Technologies Verification Body. The Body received accreditation from the Polish Centre for Accreditation for compliance to PN-EN ISO/IEC 17020 for inspection body type A (Certificate No AK026) to perform verifications under the EU ETV Programme in the technical scope of water treatment and monitoring technologies including:

- Monitoring of water quality for microbial and chemical contaminants,
- Treatment of drinking water for microbial and chemical contaminants,
- Treatment of wastewater for microbial and chemical contaminants,



IETU expertise covers the following themes:

Waste and resource management with focus on optimization of processes in municipal waste management towards increasing the recovery of raw materials and energy as well as reduction of environmental impact of products and waste generation using LCA tools and carbon footprint;

Transformations of urbanized environment including methods and tools for urbanized environment management in the context of adaptation to climate change;

Diagnosing the condition and forecasting quality changes of the environment including methods and tools for identification, characterization and forecasting of pollutant transformations and priority substances in the environment, based on monitoring, modeling, dedicated IT applications and health risk assessment;

Environmental remediation with special focus on phytoremediation driven energy crop production;

Environmental microbiology including studies on microorganisms with unique biotechnological properties, use of microorganisms in biological treatment technologies (i.e., water, wastewater, soil), and application of microbiological techniques in various segments of the bio-

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