

Energy audits for MSMEs

Legnano - Italy

Short description

The scope of the LGD) is centered on improving energy efficiency among micro, small, and medium-sized enterprises (MSMEs) in the Legnano area. Situated in the heavily urbanized and industrially active Po Valley, Legnano faces significant challenges from high energy consumption and pollution levels. The LGD aims to address these issues by fostering a culture of sustainability and supporting businesses in adopting energy-efficient practices. At its heart, the initiative promotes energy audits for MSMEs. These audits are designed to identify inefficiencies in energy usage, optimize resource consumption, and highlight opportunities for improvements in areas such as production processes, building performance, and equipment upgrades. The LGD extends the city's existing sustainability efforts, which have previously focused on public buildings, to the private sector. By doing so, it seeks to involve enterprises that play a substantial role in local energy consumption and emissions. Through collaboration between the municipality, businesses, academic institutions, and technical experts, the LGD represents a collective commitment to sustainability. Its ultimate goal is to create a more efficient, resilient, and environmentally friendly local economy, while also addressing global challenges such as climate change and energy resource management.



Industry/Sector

- Construction & built environment
- Energy & renewables

Parties of LGD/Participating parties

- Confindustria Alto Milanese: manufacturers' association of industrial enterprises;
- University of Milan: Academia;

- University of Brescia: Academia;
- ENEA (National Agency of energy and sustainable development);
- PTSCLAS: private consulting company.

Scope of LGD

- Increase the number of enterprises willing to carry out an energy audit.
- Identify inefficiencies and potential areas for improvement in energy consumption.
- Enable suitable strategies to be developed and implemented by enterprises to reduce energy consumption and optimise the use of available resources.
- Identify targeted improvements in the energy use.
- Help prioritise efficiency upgrades that offer the best return on investment.
- Promote energy-saving initiatives in the city's productive sector thereby generating combined benefits for both the companies and the citizens.
- By reducing energy consumption, lower the emission of greenhouse gases and other air pollutants.

Concrete measures/commitments

LGD contributing to the municipality's sustainability plan, by acting as a strategic governance approach to accelerate and better coordinate the implementation of its sustainability strategy named "Urban Regeneration" (PNRR - MISSION 5 - COMPONENT 2 - INVESTMENT SUB-INVESTMENT 2.1) and to reach its stated goals:

- Energy requalification with lower CO2 emissions
- Elimination of architectural barriers
- Rehabilitation of degraded building heritage in all parts of the city

Plastic packaging waste management for MSMEs

Legnano - Italy

Short description

Legnano's LGD focuses on improving plastic packaging waste management specifically for Micro, Small, and Medium-sized Enterprises (MSMEs). It aims to tackle challenges faced by businesses, such as regulatory complexity and costs, by supporting them in adopting better waste practices. The project involves developing and implementing a new collection service for non-domestic plastic packaging waste. The goal is to improve sorting, recover recyclable materials, reduce undifferentiated waste, lower costs, and contribute to the circular economy.



Industry/Sector

- Construction & Built Environment

Parties of LGD/Participating parties

- Municipality of Legnano, Confartigianato Imprese Alto Milanese (Employers' association), Aemme Linea Ambiente Srl (Public company), ARS ambiente Srl (Private company), CONAI (Supporting Partner, Private Consortium)

Scope of LGD

- To improve waste management and waste separate collection for MSMEs in Legnano. This means addressing the specific issue of plastic packaging waste generated by non-domestic users. The scope includes developing and implementing a new, sustainable, and cost-effective collection service. and

supporting businesses in adopting practices that minimise their environmental footprint and contribute to a circular economy.

Concrete measures/commitments

- The Municipality of Legnano commits to Supporting ALA in the evaluation and development of a service for collecting and disposing of plastic packaging waste from non-household users.
- The Municipality of Legnano commits to measuring the effects of the tariff currently in place.
- Confartigianato Imprese Alto Milanese commits to promoting the initiative to associated companies by organising talks and discussion meetings.
- Confartigianato Imprese Alto Milanese commits to promoting the new service offer to allow associated companies to evaluate availability and convenience.
- Confartigianato Imprese Alto Milanese commits to potentially having at least 20% of associated companies interested in the new service offer.
- Aemme Linea Ambiente Srl commits to making available data, human resources and expertise to assess the feasibility of implementing a new collection service for non-domestic plastic waste.
- Aemme Linea Ambiente Srl commits to implementing the service in a sustainable and cost-effective.
- ARS ambiente Srl commits to Conducting a local territory analysis to measure the problem of plastic packaging waste from non-domestic users and to assess the feasibility of a new collection service.
- ARS ambiente Srl commits to Completing the territorial study and producing a report by July 2025 to be used for the design and implementation of the new collection service.
- CONAI commits to supporting the analysis of the most critical issues concerning the management of plastic packaging waste by MSMEs.