

PRESS RELEASE

Industry and sustainability: LE2C hosts Repower Industries partners in Milan with a visit to Tenova

From European energy efficiency strategies to Lombardy's excellence: Tenova as an example of industrial innovation and sustainability.

Milan, 3rd of December 2024

The first day of the **Interregional Event** of the European project [Repower Industries](#) (April 2024 - June 2028), dedicated to promoting **sustainability** and **energy self-sufficiency in European industries** organised by [Lombardy Energy Cleantech Cluster \(LE2C\)](#), took place today in Milan.

This morning, the Sala Gonfalone of Palazzo Pirelli, Regione Lombardia, welcomed representatives of institutions, companies and research centres from all over Europe to discuss **innovative solutions** in the field of **renewable energy, energy storage** and **industrial process efficiency**.

In the afternoon, participants had the opportunity to visit the headquarters of [Tenova](#), a multinational engineering company recognised as an example of excellence for its technologies that aid industrial sustainability and its energy efficiency practices.

Repower Industries: solutions for a more sustainable and self-sufficient European industry

The **Repower Industries** project, with an international consortium that includes eight partners from seven European countries, was set up to **meet the challenges of energy independence and industrial sustainability**. The project promotes the **international exchange of knowledge and good practice on EU policies** by focusing on three main objectives:

1. **Increasing the adoption of renewable energy** to reduce dependence on fossil fuels and promote greater energy **self-sufficiency**.
2. **Develop advanced energy storage solutions** to manage the variability of renewable sources and improve the energy resilience of businesses.
3. **Improving the energy efficiency of industrial processes**, cutting costs and reducing environmental impact.

Project partners include academic institutions, public administrations and research centres: the lead partner **Czech Technical University in Prague** (Czech Republic), **Lombardy Energy Cleantech Cluster** (Italy), **Environmental Research Institute** (Slovenia), **Birzu District Municipality Administration** (Lithuania), **Public Institution Lithuanian Innovation Centre** (Lithuania), **South East Energy Agency Advisory** (Ireland), **Municipality of Medvode** (Slovenia), and **Epirus Region** (Greece). The Lombardy Region is involved in the project as *Associated Policy Authority*.

Repower Industries

LE2C: Lombardy's contribution to the European project

As an Italian partner and representative of Lombardy's industrial fabric, **LE2C** is committed to promoting the energy transition and sustainable development in Lombardy. The Cluster has the task of involving local stakeholders, from institutions to industry experts, fostering an exchange of knowledge and expertise that can enrich the regional energy ecosystem. With its participation, **LE2C aims to consolidate Lombardy's position as a leader in energy innovation**, creating a collaborative environment that offers lasting benefits and competitiveness to the industrial sector.

During this second phase of the project (October 2024 - March 2025), the LE2C Cluster organised the Interregional Event in Milan, creating a unique context for **discussing policies and strategic solutions**. The highlight of the day was a guided tour in Castellanza (VA) to the headquarters of **Tenova**, chosen as a Lombardy success case for its advanced vision in the energy transition.

Tenova: an example of excellence in Lombardy

Tenova, a company of the Techint Group, is a global partner for the **development of sustainable, innovative and reliable solutions in the metallurgical and mining industries**. Its headquarters are in Castellanza (Varese, Italy), where the production workshop of **Pomini Tenova**, one of the group's brands and world leader in technologies for grinding and texturing of rolling cylinders, with a strong focus on **energy efficiency**, is located.

During the visit, participants were able to learn first-hand about the solutions adopted by the company to **reduce energy consumption, optimise production processes and minimise environmental impact**, in line with the principles of continuous improvement that have always guided Pomini Tenova.

In 2023, the Castellanza site was equipped with a **photovoltaic system**, which has allowed Pomini Tenova's products - already sustainable in themselves because they are non-energy consuming and non-polluting - to be made even *greener* thanks to the renewable energy used in their production.

This intervention is consistent with Tenova's commitment to the energy transition, which takes the form of developing a portfolio of **technologies strongly oriented towards the decarbonisation** of the metal industry.

The company has also set up a combustion laboratory on its premises: the **TenovaLAB**, which was also the subject of the visit. In the laboratory, new-generation burners are tested and developed, which are also fuelled with hydrogen produced by an electrolyser that has just been installed on site thanks to partners in the European HyTecHeat - HYbrid TEChnologies for sustainable steel reHEATING project.

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LOMBARDY ENERGY CLEANTECH CLUSTER - LE2C

[Lombardy Energy Cleantech Cluster](#) (LE2C) is a non-profit organisation recognised by the Lombardy Region as a **Regional Cluster for Energy and the Environment**. LE2C's mission is to **create synergies** among its members, to enhance **technological innovation, competitiveness** and **growth** of its members and to **promote environmentally conscious use of energy**.

LE2C has identified **six priority action areas** in which research centres and companies work together to develop innovative projects and create new business opportunities: Smart Energy Systems, Sustainable Manufacturing, Green Building, Water Energy Nexus, Clean Air and Circular Economy.

In addition, LE2C carries out an important **advocacy activity**, in particular vis-à-vis the Lombardy Region, to contribute to the definition of the development lines of regional, national and EU strategies in the sector.

LE2C promotes and participates in **regional, national and European projects**, fostering the internationalisation of its members.

Tenova

Tenova, a Techint Group company, is a global partner for sustainable, innovative and reliable solutions in the metals and - also through its well-known TAKRAF and DELKOR brands - mining industries. Tenova employs a workforce of over 2,400 professionals in 18 countries on 5 continents, who design technologies and develop services that help companies reduce costs, save energy, limit environmental impact and improve working conditions.

For more information, visit www.tenova.com



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