

WHAT'S HAPPENING

- **Climate leaders**
- **InEEExS participates in ENLIT Europe 2023**
- **Energy communities**
- **Advice to the industrial sector**

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Climate leaders

The **REMARKABLE** Project, in July 2023, brought together 49 young professionals from all over Europe in the Austrian Alps, where working groups on clean energy, climate change, biomethane and sustainable buildings were established. During 2023, several meetings were held in which various climate leaders presented their progress towards climate neutrality, following the “roadmaps” prepared in each participating municipality within the project. The “circle of leaders” has also been consolidated at European level, facilitating the exchange of experiences and designing future webinars to be held in 2024.



Empowering energy communities

The **POWER-E-COM** project helps overcome the barriers that municipalities, citizen groups, or SMEs encounter to create or make their energy communities viable. Models and tools are being designed to facilitate the setting up of local energy communities, empowering citizens to take a proactive role in the energy transition.

Existing energy communities: support will be offered to expand their operations and share their experiences.

Active citizens and their groups: information and resources will be provided to promote new viable energy communities over time.

Municipal officials and technicians: they will receive information on how to effectively help energy communities, including regulatory and legal aspects.



InEExS participate in ENLIT Europe 2023

ENLIT Europe is one of the most important international events where all agents in the energy sector are connected and inspired for a decarbonized and digital transition. In 2023, this event took place from November 28th to 30th in Paris (France). They highlighted the progress in the energy transition through thematic sessions, networking with other experts and an area dedicated to European projects.

Escan has chaired the energy communities session, with the participation of speakers from the International Energy Agency IEA, ENERCOOP, ENEDIS and ENERGY INVESTMENT, exposing their current experiences, benefits and barriers that arise in its application.

The objectives and progress of **InEExS** was presented by two of the speakers, Escan and ENERCOOP, showing how DLT "Distributed Ledger Technologies" - such as Blockchain - can be used

to develop advanced intelligent services. Information about the **InEExS project** was also distributed in the form of a brochure to more than 100 attendees who participated in the session, as well as other European project experts.



Experts of IEA, ENEDIS and ENERGY INVESTMENTS with InEExS brochures

Community transformation offices

The Community Transformation Offices, OTC, **are a support tool for the creation of energy communities**. The OTC of Rivas Vaciamadrid, with the support of a special IDAE program, has been operating since April 2023. Information and advice workshops and face-to-face courses are held by the office.

Direct and online advice is offered, as well as photovoltaic pre-studies on city council sites that could be transferred to energy communities.

Invigorating workshops have been held with associations registered for cohousing (collaborative housing).

In January 2024, a self-training course will begin in online mode, a pioneer in Spain, where neighbors,

businesses, public officials and SMEs will be able to improve their capabilities to participate in or promote energy communities. These activities are coordinated by the City Council, in collaboration with Escan, which provides the technical assistance service at the OTC.



Representatives of local associations in Rivas

Project



- Finishing the first year

In November 2022, we began the meetings to organize the activities of the **KNOWnNEBs project** in Riga (Latvia), first with internal reports as well as search and invitations to food and beverage industries and other sectors to participate.

Companies in the food and beverage sector, as well as other manufacturing sectors, are positively interested in knowing the Non-Energy Benefits resulting from the application of energy efficiency measures.

A collaboration and confidentiality agreement has been signed with the interested parties, to subsequently carry out the first meetings and technical

visits to the industries, necessary for a good understanding of their needs.

In addition, the project Steering Committee has been created where associations, governments and chambers of commerce participate, with experts in Spain from the Regional Energy Entity of Castilla y León and the food industry association VITARTIS.

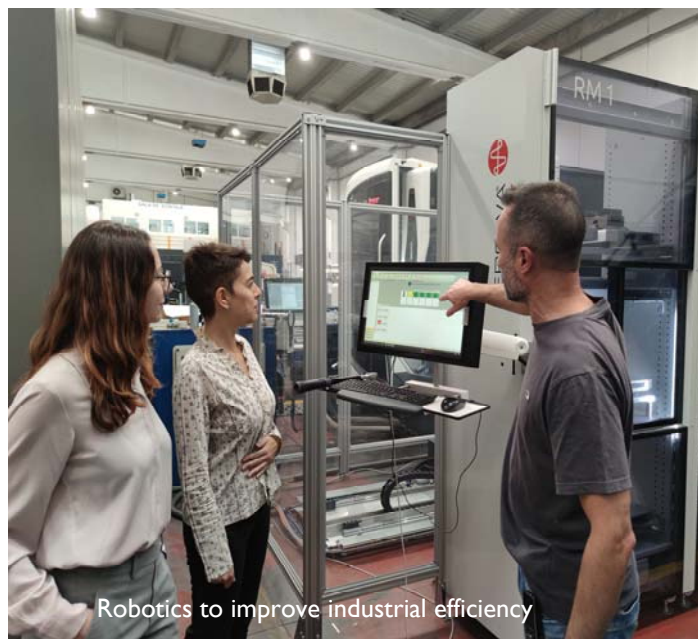
The report on the **main perceptions of non-energy benefits** will be published on the website soon, based on the conclusions of numerous interviews and online questionnaires carried out with companies and energy auditors.



From audit to improvement

The European Project **AUDIT TO MEASURE** aims to advise industrial companies on the implementation of energy efficiency and renewable measures resulting from the energy audit. AEDHE (The Henares Business Association) and Escan Consultores Energéticos collaborate with interested companies through expert technical assistance, training and networking.

The project has managed to obtain the opinion of 31 industries from different sectors, such as metal-mechanical, food, chemical and pharmaceutical, which are summarized in a “Barriers and motivation” document. Also the “Audit to Action” Guide facilitates the implementation of energy efficiency measures in a practical and effective way.



Robotics to improve industrial efficiency

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Brief news

- ◇ **Industrial Energy Efficiency Conference.** At the WSED Framework in Wels (Austria) we presented on March 7th, 2024 “Efficient solutions in industrial systems”.
- ◇ **AUDIT TO MEASURE.** The Henares Business Association in collaboration with Escan organizes a Training Program in May 2024 on “Implementation of energy saving measures in the industrial sector”. Registration and Information in AEDHE and escan@escansa.com
- ◇ **BETTED.** The energy transition in the industrial chains of the dairy sector. The project will begin in February 2024 with the participation of the Federation of Food and Beverage Industries, FIAB.
- ◇ **EUCEF.** The 6th Call for Town Councils opens, from January 15th to March 15th, 2024. Online information webinar on January 16th, 2024, organized by Escan and ENERAGEN c.spain@eucityfacility.eu
- ◇ **ManagEnergy.** Work shadowing. Energy agencies can visit their counterparts in Spain and other countries for 2 days to exchange good practices. This initiative offers support of up to €550 for travel and accommodation. As an associate member, we offer application assistance.

Public lighting innovation

The European **Smart EPC** project promotes the improvement of smart public lighting and its contracting through Energy Performance Contracting, EPC. The project partners met in Copenhagen, and visited centers with innovative solutions, such as the “Doll Visitor Center and Doll Living Lab”.

A “Workshop on contracting and smart services” was held in



November, organized by the Local Energy Agency of Murcia, the City Councils of Murcia and Rivas Vaciamadrid and Escan energy consulting.

They presented the pilot projects that are being carried out: the transformation to LED, the incorporation of solar lighting, the installation of built-in services, such as Wi-Fi, various sensors, incorporation of electric chargers in streetlights, etc.

Innovative solutions implemented in other municipalities by Circutor, Signify and Schreder related to lighting and smart solutions were discussed.

Among the main conclusions, to undertake these changes through EPC contracts, it was proposed to incorporate into the projects the drafting of a very detailed technical document and that a dedicated municipal technician supervise its execution.