



E4S

ENERGY4SUPPLY

Sep 2025

WELCOME

to issue No.2 of the Energy4Supply newsletter!

In this issue, we're excited to bring you the latest updates on our project's progress and share some key milestones we've achieved.

In this issue, we share a preview of our upcoming Consortium Meeting in Milan, alongside highlights from our summer meeting in Vienna. You'll also find insights on Scope 3 emissions, results from our energy audits in Sweden, and an outlook on upcoming industry events.

The Energy4Supply project, funded under the EU LIFE Programme, aims to accelerate the clean energy transition by enhancing energy efficiency among manufacturing SMEs within the upstream value chains of focal companies. A central objective is to collaborate with four focal companies to understand, demonstrate, and drive decarbonization across their manufacturing value chains. This includes introducing a novel, lightweight certification scheme tailored for SMEs, offering a more accessible alternative to traditional standards such as ISO 50001. The project will implement four energy efficiency network programmes, each associated with a focal company group,

facilitating peer learning and sharing of best practices. Upon completion, a centralized resource hub will be developed to support European SMEs in adopting sustainable energy solutions.

In brief, E4S serves as a demonstration project, illustrating how focal companies can proactively plan to decarbonize their supply chains by engaging SME suppliers who are not subject to mandatory reporting. The approach aims to evaluate whether fostering voluntary improvements and creating business models can enhance resilience against energy price volatility in the short, medium, and long term in the upstream value chain.

We encourage you to share this newsletter with colleagues who might be interested!

To keep up with the project, follow us on our social media channel on [LinkedIn](#) and our [website](#).

Kind regards,
The E4S Team

PROJECT NEWS



The E4S Consortium in Vienna, May 2025

Consortium Meeting in Austria

In May 2025, the E4S project consortium came together for a productive and inspiring meeting hosted by our Austrian partner e7 in beautiful Vienna. Over the course of two days, representatives from all partner institutions shared updates on the work-packages, aligned on upcoming deliverables, and collaborated on core topics advancing our mission: driving energy efficiency across supply chains in the manufacturing sector.

Key sessions included deep dives into energy and power audit methodologies, energy efficiency networks, and financing mechanisms to support SMEs in implementing sustainable practices. A particular highlight was the public stakeholder session, featuring two engaging guest lectures:

Johanna Reinisch from the **Austrian Chamber of Commerce** shared valuable insights on the Omnibus Package with a focus on CSRD and Peter Möller from **Inter IKEA** offered a practical look into IKEA's Scope 3 activities, sparking lively discussions on decarbonisation strategies within global supply chains.

Beyond the official agenda, the meeting provided ample opportunity for informal exchanges, often where the most innovative ideas are born. These gatherings are vital not only to track project progress but also to strengthen the collaboration among partners and ensure that the E4S project delivers practical impact for SMEs across Europe.



Next stop: Milano!

Our next Consortium Meeting, hosted by POLIMI, will take place in Milan, Italy from 27th – 28th October 2025. Project partners will come together in person, again to update on the progress of the project.

While the majority of the agenda will focus on internal project work and discussions, we are excited to announce a **Public Session** on Tuesday, **28 October** (11:00–13:00). This session will bring together external guests, including representatives from Mondadori and ENEA, for presentations and an open discussion on energy efficiency, sustainability, and financial solutions in supply chains. **Registration details will be shared soon.** Please keep an eye on our social media channels over the coming weeks for updates.

Scope 3

When it comes to climate action, not all emissions are created equal. While most companies are familiar with **Scope 1** (direct emissions from owned or controlled sources) and **Scope 2** (indirect emissions from purchased energy), the real challenge lies in **Scope 3 emissions**.

Scope 3 includes **all other indirect emissions** that occur in a company's value chain, both **upstream** (before a product reaches the company, such as purchased goods, capital goods, logistics, employee travel, or waste disposal) and **downstream** (after a product leaves the company, such as distribution, product use, and end-of-life treatment). In fact, Scope 3 emissions for one company often represent the Scope 1 and 2 emissions of another, making them deeply interconnected across industries and supply chains.

Why are they so important? For many businesses, Scope 3 emissions account for **over 70% of their total carbon footprint**, sometimes even **11 times higher than their direct emissions**. Yet they remain the hardest to measure, manage, and reduce, since they arise from suppliers, partners, and customers rather than within the company itself.

However, this complexity also makes Scope 3 a powerful **lever for decarbonization**. Companies can influence these emissions through **procurement strategies, supplier engagement, smarter product design, circular economy approaches, and customer education**. By working collaboratively across the value chain, businesses can drive change far beyond their own operations.

At the same time, EUs **polices such as Corporate Sustainability Reporting Directive (CSRD)** are raising the bar and require companies to disclose and take responsibility for their Scope 3 emissions. This is transforming Scope 3 from a "blind spot" into a **key driver of corporate climate strategy**.

For the E4S project, tackling Scope 3 means equipping SMEs, the backbone of supply chains, with the right **tools, knowledge, and networks** to strengthen sustainability and reduce emissions where it matters most.

Spotlight on our Energy Audits in Sweden



As part of the **E4S Project**, our Swedish partners recently carried out a series of **energy and power audits** at five subcontractors connected to a major player in the Swedish aluminum industry. These SMEs, all part of the engineering sector, specialize in machining, anodizing, and coating aluminum components.

The audits revealed that while all companies have already made efforts to improve energy efficiency, their progress is often limited by **time, budget constraints, and a lack of detailed energy data**.

In fact, the absence of reliable data emerged as a recurring barrier to identifying cost-effective measures.

Several **common opportunities** were identified across the companies:

- Machines left on **stand-by outside working hours**, which could be addressed through improved shutdown routines.
- **Ventilation systems** without time control, leading to unnecessary energy consumption.

These measures may sound simple, but they can deliver **significant impact at minimal or no investment cost**. For many SMEs, the biggest win is not only in immediate savings but also in gaining **valuable access to energy data at the process level**. Such data enables companies to strengthen their long-term energy strategies and inspires them to apply energy management practices adapted to their specific resources.

One key takeaway: even smaller companies with just a few processes can gain substantial insights from a **basic analysis of hourly electricity data**, a resource that can be obtained free of charge from grid operators.

Encouragingly, the audited companies have responded with **curiosity and enthusiasm** toward the upcoming **energy efficiency networks** in the frame of E4S project. They see participation as an opportunity to learn from others, exchange experiences, and further improve their energy work, underscoring the importance of collaboration in driving the energy transition forward.

INDUSTRY EVENTS

The challenge for Europe's Industry is formidable. But so are the opportunities.

eceee's Zero Carbon Industry event is the must-go-to event if you want to join the discussion on how to increase European Industry's competitiveness while ensuring we become decarbonised, energy secure and resource efficient. It is an informal event where experts, businesses, researchers, NGOs and policy makers meet to exchange views and develop ideas.

[Find out more...](#)

INTERNATIONAL INDUSTRY EVENT

Eceee– Zero Carbon Industry 2026

04–05 February 2026
Rome, Italy



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World Sustainable Energy Days 2026

24–27 February 2026
Wels, Austria



© WSED

The World Sustainable Energy Days (WSED) present policies, technologies and business models which increase competitiveness and make energy more affordable. The event is a leading annual conference on the energy transition and climate neutrality with over 650 participants from more than 60 countries.

[Find out more...](#)

Do you think we forgot something? [Click here to send us a quick message](#) with any event that you think, we shouldn't miss!



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