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Discover the activities and events of BEST-Storage project and delve into both long and short-term high-energy density storage solutions that will be developed and demonstrated in demo cases around Europe.

Stay updated on the latest news and developments by following us on [LinkedIn](#) and [YouTube](#), and keep an eye on our BEST-Storage project [website](#).

Newsletter Content

Internal activities

- General Assembly: 5th General Assembly of the consortium was held in Madrid

Webinars and Online Events

- Unlocking the scalability of modular for Thermal Energy Storage

Project Activities

- BEST-Storage at ISCET Joint 2025

Future Events

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Project Resources

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INTERNAL ACTIVITIES

BEST-Storage General Assembly

30 June - 1 July 2026, Madrid



The BEST-Storage project consortium recently gathered for its 5th General Assembly Meeting, held on 30 June – 1 July 2025 in Madrid, Spain.

Hosted by **Solintel**, the meeting brought together project partners to share progress, exchange expertise, and coordinate the next steps as the project advances towards its demonstration phase.

Key Highlights of the Meeting

📌 **Project Coordination & Management** – Solintel opened the assembly with an overview of project coordination, deliverables, and upcoming milestones, ensuring alignment across all partners.

📌 **Technical Developments** – Partners presented recent achievements in:

- **Modular Thermo-Chemical Energy Storage (WP3)** – updates on prototype manufacturing, control strategies, and testing plans.
- **Short-Term Cold & Warm Storage (WP4)** – progress on PCM-based solutions and predictive control developments.
- **Demonstration Activities (WP5)** – preparations at the three pilot sites in Spain, Greece, and Estonia.

📌 **Business & Market Strategies** – Solintel shared insights on exploitation and business models (WP6), with a focus on regional perspectives and market potential.

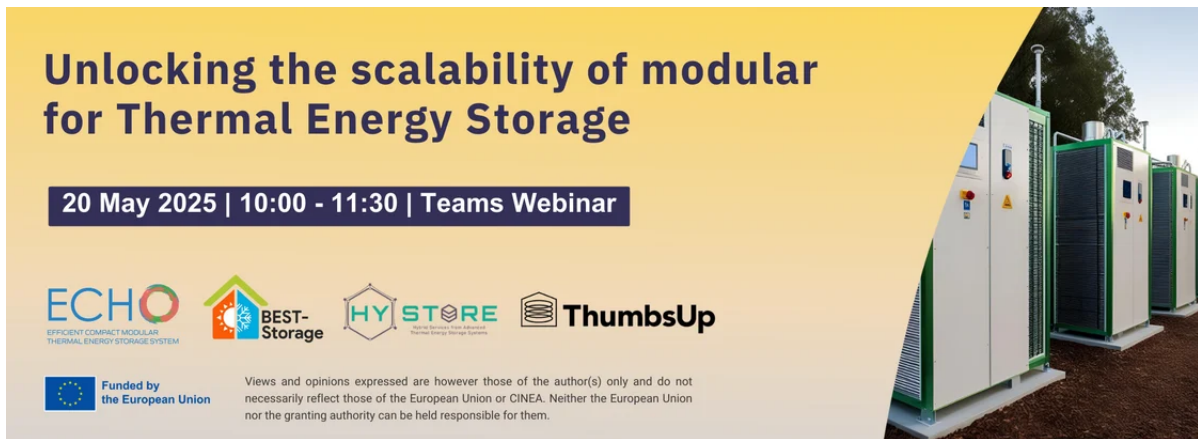
📌 **Dissemination & Communication** – EHPA showcased outreach activities (WP7), including publications, events, and collaboration with other TES initiatives.

📌 **Collaboration & Next Steps** – Discussions reinforced cooperation among partners and set priorities for the coming months, ensuring strong preparation for the next review meeting.

WEBINARS & ONLINE EVENTS

WEBINAR: Unlocking the scalability of modular for Thermal Energy Storage

20 May 2025, Online



On **20th of May**, **BEST-Storage project**, hosted together with the **TES Cluster**, held an engaging webinar showcasing the latest advances in **Thermal Energy Storage (TES) for buildings** and their contribution to Europe's green transition.

Experts from research and industry shared insights on innovative technologies, environmental impacts, and market opportunities for TES solutions. Among them, **Marta Hernaiz (TEKNIKER)** representing BEST-Storage presented the project's latest developments on advanced PCM slurries.

Key Highlights of the Webinar

◆ **Welcome & Opening** – *Emilia Pisani (RISE Research Institutes of Sweden)* introduced the session, highlighting the role of TES in sustainable energy systems.

◆ **Expert Presentations:**

- *Marta Hernaiz (TEKNIKER, representing BEST-Storage)* – **Advanced PCM Slurries for Efficient Thermal Energy Storage**
- *Patxi Hernández & Arantza López (Tecnalia)* – **The influence of thermal energy storage on building life cycle GHG emissions**
- *Stefano Barberis (University of Genova)* – **Viable business cases for TES solutions in buildings**
- *Marco Rocchetti (R2M Solution)* – **The contribution of innovative TES to the European circular economy**

◆ **Q&A & Closing** – Participants engaged in discussions on technology, policy, and real-world applications, with strong participation and high-level insights, the webinar reinforced the importance of TES in enabling efficient and sustainable, energy systems across Europe.

Watch the Recording

PROJECT ACTIVITIES

BEST-Storage at ISCET Joint 2025



On **June 24, 2025**, the **BEST-Storage** team took part in the **TES Cluster workshop** held during the **ISCET Conference** at the **Aktea Resort in Lipari, Italy**. The event gathered key European projects to share progress and discuss innovations in **compact thermal energy storage (TES)** for residential buildings.

Our project contributed with a presentation on **phase change slurry energy storage for cooling load shifting**, highlighting how BEST-Storage technologies can improve energy efficiency and flexibility. The workshop fostered **collaboration and knowledge exchange** among experts, offering valuable insights into the challenges and opportunities of smart thermal storage. This joint effort reinforces

BEST-Storage's commitment to advancing sustainable energy solutions across Europe.

FUTURE EVENTS

BEST-Storage at ENLIT



BEST-Storage at ENLIT Europe 2025! From **18 to 20 November 2025**, the leading European energy event will take place in **Bilbao, Spain**, bringing together experts, companies, and institutions driving the energy transition. This is a unique opportunity to discover the latest innovations in energy storage, efficiency, and sustainability.

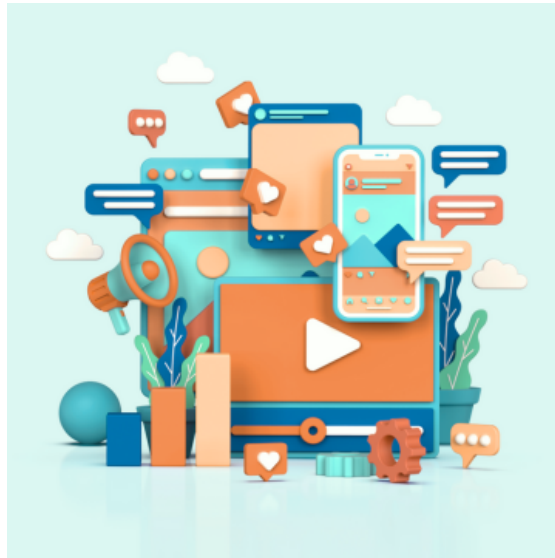
The **BEST-Storage** team will be actively participating and **sharing a booth with the TES Cluster**, showcasing our joint efforts and latest solutions for smart and sustainable energy management. We invite you to visit us, explore our technologies, and learn how together we can build a cleaner, safer, and more efficient energy future. **See you at ENLIT Europe 2025!**

[Learn more](#)

PROJECT RESOURCES

Discover the latest videos on the BEST-Storage

YouTube channel



Explore innovative storage solutions and expert insights on our YouTube channel. Our newest videos include:

- BEST-Storage project overview: context, objectives, and demo cases.
- Energy storage in energy communities: insights from our ECHO & BEST-Storage Webinar on readiness, needs, and regulations.
- Stakeholder engagement and market analysis: a comprehensive webinar on engaging inhabitants, owners, and neighbourhood associations.
- EU Regulatory Landscape for Thermal Energy Storage: In the rapidly evolving energy sector, understanding the regulatory framework is crucial for advancing sustainable energy solutions, including Thermal Energy Storage (TES).

Stay updated with thermal energy storage insights by watching these webinars and more on BEST-Storage channel.

Watch the videos

BEST-Storage latest publications

You can explore all the reports and publications produced by the BEST-Storage partners analyses that cover territorial aspects such as climate, energy, environment, economics and social dimensions, and that feed into methodologies for defining, assessing and optimizing storage solutions in real-world settings. These publications present insights on sustainability, modularity, flexibility, replicability and cost effectiveness of proposed configurations, and provide a techno-economic context, key performance indicators, and application perspectives in the field of residential heating, cooling and storage.

[Read the publications here](#)

Meet the project Consortium



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