



HSbooster.eu

Horizon Standardisation Booster



HSbooster.eu at Enlit Europe

This report explores HSbooster.eu's influential presence at Enlit Europe 2023 in Paris, showcasing its dedication to enhancing energy standards and fostering grid flexibility. As a vanguard of the European Green Deal, HSbooster.eu plays a crucial role in shaping the future of sustainable energy through standardisation and innovation.

HSbooster.eu's Strategic Engagement at Enlit Europe

During the panel discussion on grid flexibility, where HSbooster.eu participated, it has been highlighted the critical need for integrating renewable energy sources into a more flexible grid.

HSbooster.eu provides a series of services through its pool of standardisation experts to navigate these complex challenges

All Horizon Europe, H2020 and Digital Europe projects are invited to discover the standardisation booster free of charge services.



The panel discussion centered on the vital role of grid flexibility in advancing the green energy transition and fulfilling the objectives of the Green Deal.

Session Moderator:

Helena Gerard, Senior Researcher, (EnergyVille/VITO)

Panelists:

Georgia Saridaki, R&D engineer (RE-EMPOWERED)

Sébastien Silvant, Project Coordinator (InterOPERA)

Isidoros Kokos, Project Coordinator (Fever)

Nicholas Ferguson, Project Coordinator (HSbooster.eu)

Juan Jacobo Peralta, Project Coordinator (ebalance-plus)

Gerhard Jambrich, Project Coordinator (HYPERRIDE)

HSbooster.eu's presence at Enlit Europe was an opportunity to show the alignment with Europe's ambitious energy targets.

The commitment to the European Green Deal resonated through the event, emphasizing the role of standardisation in achieving sustainability.

HSbooster.eu not only shared insights but also actively sought collaborations. This approach underlines the importance of collaborative efforts in driving the sector towards a more integrated, efficient, and sustainable energy landscape.



From Paris to the Future:
Envisioning a Greener World
from Enlit Europe.





Understanding Grid Flexibility

Grid flexibility is integral to adapting energy systems to renewable sources. Key elements include advanced grid management, consumer engagement, and interoperable standards.

These aspects ensure that energy systems remain efficient, reliable, and ready for future innovations.

Dynamic Dialogues: Unveiling Grid Flexibility at Enlit

The panel discussion encapsulated diverse perspectives on grid flexibility, a crucial element for integrating renewable energy sources effectively. Speakers, including Nickolas Ferguson from HSbooster.eu, delved into challenges like ensuring grid resilience and the role of standardisation in meeting these challenges.

Photos: (Above and Right) Moments from the panel discussion on grid flexibility.



The discussion also emphasised on the necessity for consumer engagement and education as vital for the successful implementation of flexible grid systems. By involving consumers in energy management, through initiatives like demand response programs, energy systems can become more efficient and user-centric.

Photos: (Left and Below) The EU Projects booths at Enlit Europe

Overall, the session at Enlit Europe painted a comprehensive picture of the current state and future potential of grid flexibility. It underscored the necessity of collaborative efforts among industry players, policymakers, and consumers to drive the energy sector towards greater sustainability and resilience.





Envisioning Tomorrow:
An Audience Focused
on Energy Innovation.

Insights from InterOPERA:

Sébastien Silvant on Standardisation and Collaboration



After the panel discussion one of the participants, Sébastien Silvant from InterOPERA, shared his perspectives on the critical role of standards in the energy sector and the collaborative dynamics within the InterOPERA project. During the interview he has emphasised the necessity of multi-terminal HVDC systems for climate neutrality and energy independence. Addressing the challenges of standardisation, Sébastien highlighted the project's efforts to break the cycle of limited technical solutions by collaboratively developing specifications and demonstrators, providing valuable inputs for future standardisation efforts.



More about HSbooster.eu



EXPERTISE IN STANDARDISATION

HSbooster.eu, a 30-month initiative by the European Commission, serves as the European Standardisation Booster. It offers expert services to European projects, aiding in enhancing and valorising project results through the creation or revision of standards. Aligned with the European Strategy on Standardisation, HSbooster.eu aims to expedite innovation, contributing to a resilient, green, and digital economy while upholding democratic values in technology applications.

STRATEGIC APPROACH IN INNOVATION

The project offers consultancy services to guide R&I projects in their strategic approach to standardisation, ensuring their active involvement in the development of relevant standards. HSbooster.eu is backed by a consortium with extensive experience in managing European Commission-funded projects. This includes Trust-IT Srl & COMMpla in project management, Dublin City University and the University of Belgrade for education and training, SGS for standards certification, and the National Standards Body of Denmark (Dansk Standard).

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