

Workshop Program

Planning, Regulatory, Societal, and Financial Dimensions of Large-Scale Thermal Energy Storage Implementation

9:00 - 9:20

- Welcome, introduction and brief technical overview of Large Thermal Energy Storage technologies, based on IEA-ES Task 39. *Romain Sucche, PlanEnergi*



9:20 - 9:40

- Planning, Integration & Regulatory Framework, applied on a Aquifer Thermal Energy Storage case study. *Bas Godschalk, DTESS BV*



9:40 – 10:02

- Planning, Integration & Regulatory Framework, applied on a Borehole Thermal Energy Storage case study. *Lukas Seib, Technische Universität Darmstadt*



10:02 - 10:12

- Break



10:12 - 10:30

- Stakeholder engagement and public perception in an Large Thermal Energy Storage project. *Michal Klauda, Fenix TNT*



10:30 – 10:55

- Planning, Integration & Regulatory Framework, applied on a Pit Thermal Energy Storage case study. *Per Alex Sørensen, PlanEnergi*



10:55 - 11:15

- The European Framework for Large Thermal Energy Storage project. *Johanna Schickling, Hamburg Institut*



11:15 – 11:25

- Break



11:25 - 11:45

- Large Thermal Energy Storage financing methods. *Geoffroy Gauthier, PlanEnergi*



11:45 - 12:00

- Wrap-Up & Open Discussion. *Geoffroy Gauthier & Romain Sucche, PlanEnergi*

Open discussion: Do you have any final questions?

If time allows



Inventory of improved LTES concepts



As part of Work Package 4 of IEA-ES Task 45, we are trying to collect information on the technical and industrial progress made in ongoing and new R&D projects focusing on LTES concepts and technologies (10 min)

🔗 Fill-up this form ➡ <https://forms.office.com/e/vtwYqT81SQ>

Upcoming Webinars and Q&A Sessions



Year	2025												2026												2027											
Month	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Webinar						1						2						3						4												
Q&A Session									1.1		2.1		2.2		2.3		3.1		3.2		3.3		4.1		4.2											

- ✓ **Webinar 1** Planning, legal & societal aspects of LTES implementation & financial aspects
- Webinar 2** Technical aspects of LTES (feasibility, design, tender, monitoring, etc.) & economic aspects
- Webinar 3** Practical experiences with LTES & economic aspects
- Webinar 4** Results from IEA-ES Task 45 studies/work (+ potential information wishes from stakeholders)

Q&A Sessions Depending on the questions gathered through the online form

➡ <https://forms.office.com/e/3826HwsSUw>



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Evaluation form



Please fill up this evaluation form, such that we can improve the upcoming Webinars and Q&A Sessions (1-2min)

 <https://forms.office.com/e/4yQ37vYy7A>



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Thanks for your attention !



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Learn more at <https://iea-es.org/task-39/> & <https://iea-es.org/task-45/>

PlanEnergi

