

13th Swiss Symposium Thermal Energy Storage

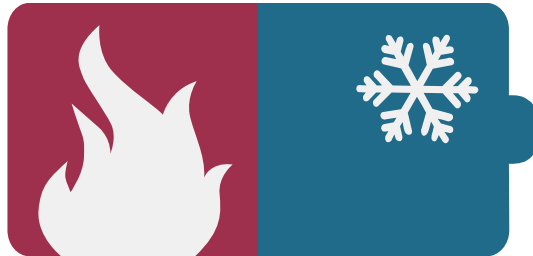
Welcome

Start at 9:00 am

Know your host

The CCTES Mission:

Thermal energy storage for a sustainable, resilient and climate-neutral future.



THERMAL ENERGY STORAGE



**Prof. Anastasia
Stamatiou**

- Co-leader Research Group Latent Heat Storage
- Head of Bachelor's Program in Energy and Environmental Systems Engineering

The SSTES Team

Organisation



Anastasia Stamiou



Malin Siegart



Isabel Kottmann



Philipp Schütz

Moderation & Workshops



Jörg Worlitschek



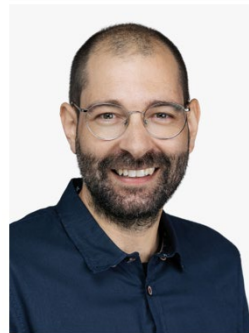
Ludger Fischer



Richard Lüchinger



Curtis Meister



Andreas Melillo



Andreas Hauer



Gianfranco Guidati

Technical Support



Patrick Estermann



Patrick Meyer



Nicolas Krieg



Tim Zurbruggen

CCTES is here to help!



Adina Hochuli



Anabel Palacios



Anastasia Stamatou



Andreas Mellillo



Benjamin Fenk



Curtis Meister



Damian Gwerder



Davide Toniolo



Emma Schmitt



Gilles Butikofer



Isabel Kottmann



Jorg Worlitschek



Jorge Martinez Garcia



Judit Tomás Verde



Karina Jurt



Khang Felix Le



Lóránt Sztranyovszky



Louis Schibli



Luca Brauchli



Ludger Fischer



Malin Siegart



Nicolas Krieg



Olivier Gisiger



Pascal Gürber



Pascal Vecsei



Patrick Estermann



Patrick Meyer



Philipp Schutz



Priska Büeler



Rebecca Ravotti



Reto Hendry



Richard Luchinger



Robin Studer



Santhosh Iyyakkunel



Sarah Schneeberger



Sebastian Ammann



Silvan von Arx



Simon In-Albon



Somesh Vijayananda



Tim Zurbriggen



Ueli Schilt



William Deigado



Yannick Krabben

The history of our Symposium

Goal: Meeting point for TES community: connect, inform, learn

- Swiss and international stakeholders
- Research, industry and politics



2014

2026

13th Swiss Symposium Thermal Energy Storage

13th Symposium Thermal Energy Storage

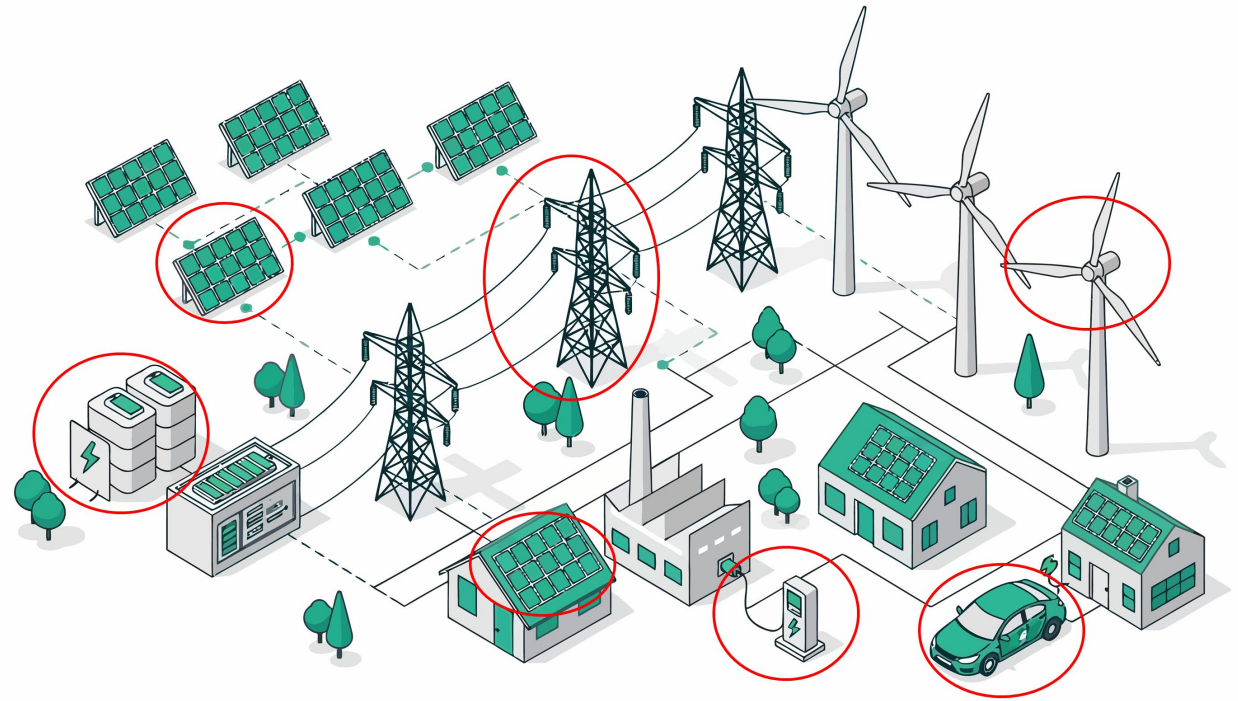
Heat Happens

Understanding the role of thermal energy storage in an increasingly electrified world



50%

Energy demand for heat & cold



Heat and cold remain invisible

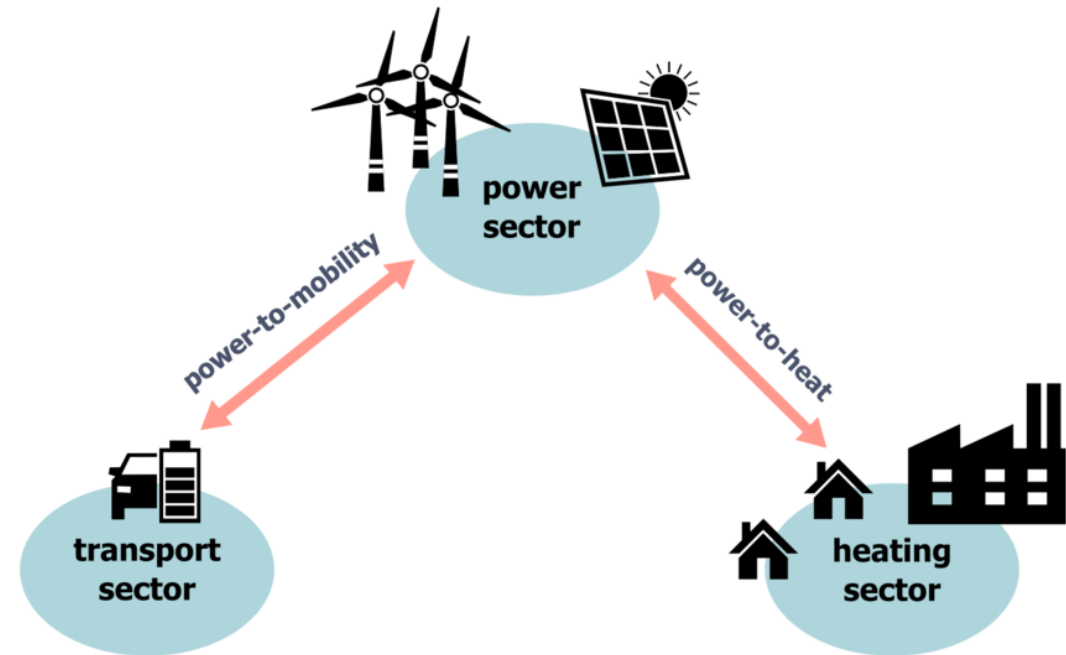
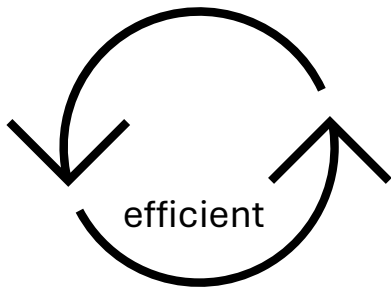
Let's talk about how TES can support electrification

Heat Happens

Understanding the role of **thermal energy storage** in an increasingly **electrified world**



RELIABLE

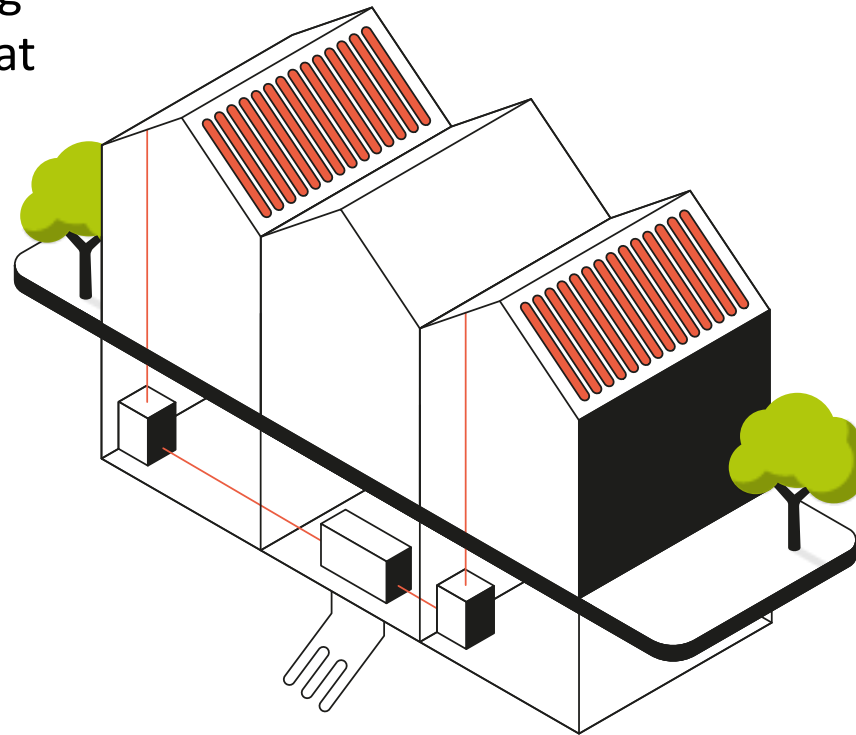


It makes sense to store heat where heat is used.

Highlights 2025: Watt d'Or 2025 – Two awards for HSLU & Thermal Energy Storage

Watt d'Or for “Nanoverbund” P&D project of SWEET PATHFINDER

Thermal storage capacity of building exploited to use overcapacity of heat pump to heat neighbouring houses with fossil heating systems.



HSLU Hochschule
Luzern

Highlights 2025: Watt d'Or 2025 – Two awards for HSLU & Thermal Energy Storage

Watt d'Or for “SeasON”

Sorption heat pump and seasonal thermal energy storage based on sodium hydroxide solution.



HSLU Hochschule
Luzern **matica**
SEASON



today's energy –
tomorrow's warmth

13th Swiss Symposium Thermal Energy Storage



Highlights 2025: A step towards realisation of large thermal energy storage

solites

×

HSLU Hochschule
Luzern

Jointly establishing thermal energy storage in the Swiss Market



Highlights – Important TES related collaboration projects in CH

SwissSTES Swiss Seasonal Thermal Energy Storage

Flagship
supported by



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Innosuisse – Swiss Innovation Agency



Pathways to an efficient future
energy system through **flexibility
and sector coupling**

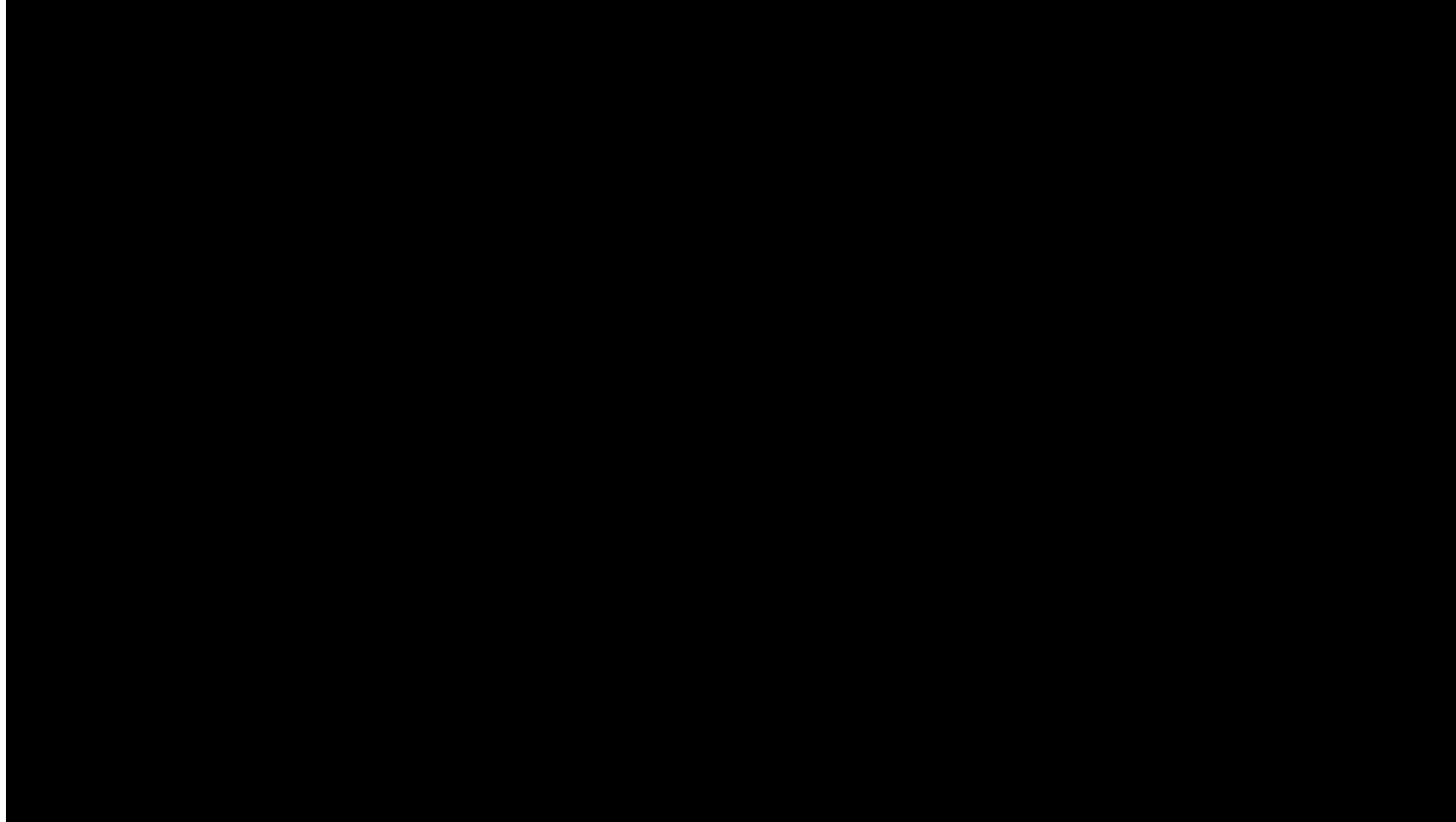


**DeCarbonisation of Cooling
and Heating**



Integrating **very high shares of
decentralized renewable energy**
into the Swiss energy system

Highlights – Communication video on seasonal thermal energy storage



EN



DE

A vision for the future: Thermo – A story about energy and storage

- An animated film for **planetaria**
- A project that fills the gap in **energy communication** for **young kids** and **families**
- Currently in the **second funding phase**
- Open for **collaborations, sponsorships** and **synergies**
- **Contact:** Dr. K. Tzouflas, konstantinos.tzouflas@hslu.ch



PH LUZERN
PÄDAGOGISCHE
HOCHSCHULE

HSLU Hochschule
Luzern



This is us today:

Total number of participants: 172

