

LOCATION

DETEC / UVEK
Auditorium, Ittigen

This event is an opportunity to learn and exchange knowledge about high temperature heat pumps and their role in the Swiss industry.

24²⁰²³
March

HIGH TEMPERATURE HEAT PUMPS

Presentations
&
Workshops

The first part of the day will offer various presentations on the current state of technological developments of HTHPs for temperatures above 100°C and their integration in an industrial context.

The afternoon workshops will allow for active discussions with the goal of developing strategies to promote the transition to a HTHP-based heat supply in the Swiss industries.

The various facets of integration pre-assessment will be reviewed. Tools and guidelines in development will be presented and discussed to best meet the needs.

This event is organized by the team of HTHP-CH, a current research project carried out by OST, EPFL, HEIG-VD and CSD Engineers with the support of SFOE and the industrial partners CREMO, ELSA and Gustav Spiess.

Supported by



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The workshop is free, the lunch is not included

Registration:



Questionnaire:



Agenda:

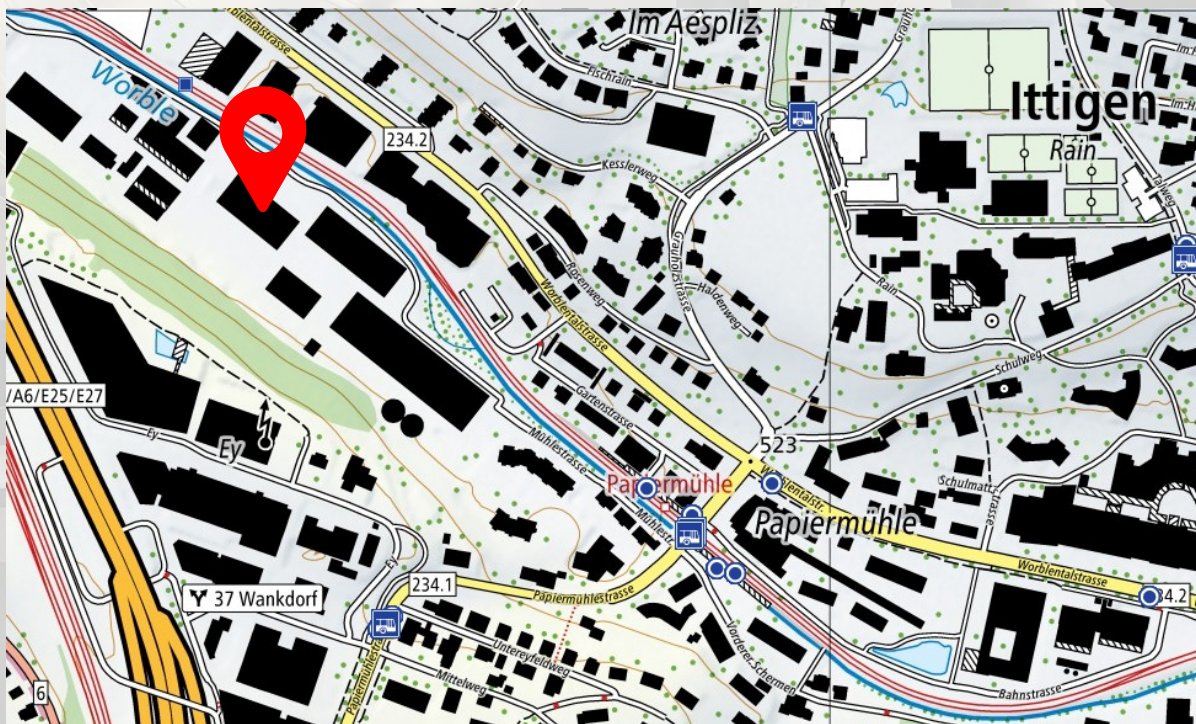
Presentations are held in English

Time	Title	Presenters
9:25	Welcome	CSD
9:30	SFOE Introduction	SFOE
9:40	Swiss National Market (Synthesis of Annex 58 Task 1 Report)	Cordin Arpagaus (OST)
10:00	Overview of HTHP technologies (available products >100 °C)	N. Calame (CSD), F. Bless (OST)
10:20	Pinch Analysis for practice and HTHP integration	F. Maréchal (EPFL) & P. Kummenacher (HEIG-VD)
10:40	<i>Coffee Break</i>	
11:00	Status of HTHP-CH case studies and preliminary integration ideas <ul style="list-style-type: none"> • Cremo, dairy company producing cheese, butter, skim milk, milk proteins and milk permeate powder • ELSA, dairy company producing UP/UHT milk, yogurt, quark and cream • Gustav Spiess, meat products company producing sausages, ham and bacon 	Laurent Giansetto (CREMO) Stephane Vésin (ELSA) Christian Jansen (Gustav Spiess)
11:40	Demonstration case studies from IEA Annex 58	E. Pina & D. Orrego (EPFL)

13:30-17:00	Workshops on following topics	Coordinators:
	Socio-economical	Pierre Kummenacher (HEIG-VD) & Matthias Speich (ZHAW)
	Technical	Nicole Calame & Bastien Chappuis (CSD)
	Financial	Cordin Arpagaus & Frédéric Bless (OST)
	Supporting tools	Daniel Flórez-Orrego & Eduardo Pina (EPFL)

Location:

DETEC Auditorium, Pulverstrasse 13, 3063 Ittigen



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