Industrial electrification

Task XIX

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Task XIX: Electrification in Industry

Subtask 2. Enabling a shared view on system aspects of industrial electrification

Objective: is to build and strengthen the international ecosystem of industrial electrification with a focus on system impacts.

Currently, participation of groups from 8 countries:

- Government organization
- Research organizations
- Industry
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Subtask 2. Enabling a shared view on system aspects of industrial electrification
Heat pumping for direct electrification of process heating in industry
- Brian Elmegaard, DTU

Decarbonization of industrial processes through electrification – impact on thermal energy flows
- Simon Harvey, Chalmers

From $\text{H}_2$ and $\text{CO}_2$ to platform chemicals
- Marija Saric, TNO

Hydrogen in Austrian industry – technical and economic analysis
- Darja Markova, JKU Linz

Hydrogen infrastructure in Northern Scandinavia to enable industrial symbiosis and sector coupling
- Johan Sandstedt, RISE

Discussion