



# 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.

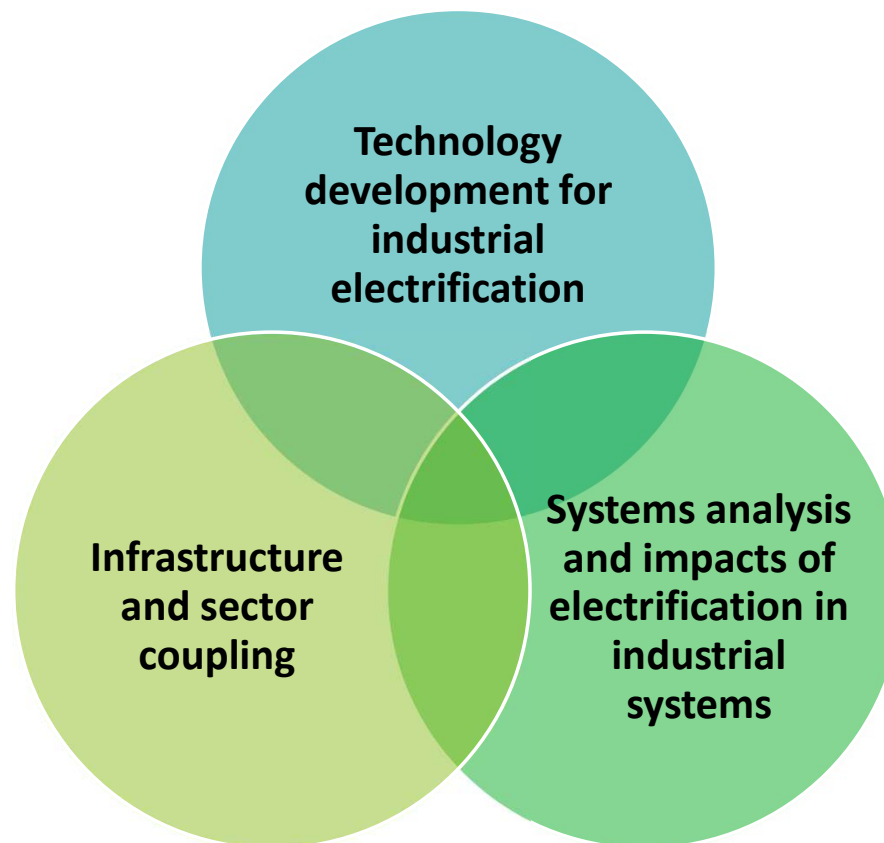
Currently, participation of groups from 8 countries:

- Government organization
- Research organizations
- Industry



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# Agenda



- 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 H<sub>2</sub> and CO<sub>2</sub> 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