

**ENERGY
FUTURE 2023
IN INDUSTRY**

The IETS TCP's International Conference

Energy Future in Industry

9–11 May 2023

Gothenburg, Sweden



Industrial
Energy-Related
Technologies
and Systems

iets

An IEA Technology Collaboration Programme

Technology Collaboration Programme

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Industrial Energy-Related Technologies and Systems

*A Technology Collaboration Programme
established under the auspices of the International Energy Agency*

System Perspectives Session

Thursday May 11th, 2023

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Systems Perspective

System analysis is critical to guide policy development and decision-making towards achieving Net-Zero emissions.

Large scale frameworks, methodologies and modelling platforms will be discussed in this session to help triage the most sustainable solutions to decarbonize the industrial sector.



“Now or never”- Why global Cooperation for Net-Zero Industries

Elvira Lutter

MI 2.0 Net-Zero Industries Mission Director, Austria



The role of industry in energy systems models – Methods and findings

Kari Aamodt Espegren, Principal Scientist

Institute for Energy Technology (IFE), Norway

ETSAP Operating Agent



An economy-wide energy system optimization TIMES model for North America – Net zero scenario analysis with a focus on industrial sectors

Kathleen Vaillancourt, President & Lead Modeller

ESMIA Consultants, Canada

Our Panel of Experts

Discussions points:

Data Availability: Engagement of industry

Modelling technics : Opportunities & limitations

Setting-up the boundaries: Trade-offs between models

Cooperation/collaboration needed in the future between TCPs and other stakeholders