Industrial Energy-Related Technologies and Systems

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

Thore Berntsson, Chair
9 May 2023
The IETS TCP's International Conference

Energy Future in Industry

9–11 May 2023
Gothenburg, Sweden

Technology Collaboration Programme
by IEA
Main Objectives

• To give an overview of important developments of and measures for achieving energy efficiency and radical GHG mitigation in future industries
• To identify urgent needs for further work
• To improve the knowledge about the possible roles of different major measures for achieving zero or negative emissions in industrial plants as well as the importance of a system perspective
• To give opportunities for experts in specific areas to participate in international networking
Objectives, cont.

To create a unique compilation of

• Situation
• Opportunities
• Challenges
• Need for further work

for main measures for energy efficiency and radical GHG mitigation in industry
Participants from 17 Countries

IETS Countries:
- Austria
- Canada
- Denmark
- France
- Germany
- Italy
- the Netherlands
- Norway
- Portugal
- Sweden

Non-IETS Countries:
- Belgium
- Finland
- Spain
- South Africa
- Switzerland
- the UK
- the US

An organization from a non-IETS country can join as a sponsor for a very small fee!
A Conference for Networking

The big challenge of transformation of industry calls for:
• More cooperation between stakeholders
• New cooperation models
• More transfer of knowledge and experience between stakeholders

Keyword: Networking!

In this conference, networking is a base. More discussion time than ”usual” and time for networking at lunch, coffee, etc.
The proceedings will include the results of the discussions.
Conference Contents

• In an IETS workshop in Vienna, 2019, Decarbonization of Industry, 50 invited experts discussed main areas of importance

• In the conference now, there are totally 11 sessions, mainly based on the ongoing and a few planned Tasks in IETS

• That means a broad overview of important, but not all, areas

• We welcome ideas about other important areas for further work!
Practical Information

• The plenary sessions will take place in Palmstedtsalen (here)
• The split sessions will take place in Palmstedtsalen and Runan (one floor up)
• Lunches and coffee will be served in the Volvo Foyer (outside RunAn) 12:15-13:30
• The conference dinner will start with a drink at 19:00 on Wednesday in the Student Dining Room (same building). The dinner will start at 19:15
• Posters will be shown in the lunch/coffee area
• There is a locked room available. Meetx has the key.
Industrial Energy-Related Technologies and Systems

A Technology Collaboration Programme established under the auspices of the International Energy Agency
The IETS Technology Collaboration Programme (IETS TCP)

• The IETS is a TCP under the IEA, focusing on energy efficient industrial technologies and systems.

• IETS was established in 2005 as the result of merging, revamping and extending activities formerly carried out by separate industrial IEA Programmes.

• IETS currently has 10 member countries: Austria, Canada, Denmark, France, Germany, Italy, the Netherlands, Norway, Portugal and Sweden.

• And 6 sponsor organizations from Finland, Ireland, Japan, Switzerland and the US
The IETS Collaboration

General aims:
• To strengthen international cooperation on energy saving and GHG mitigation in industry
• To include all industrial sectors and technologies/systems in the IETS area

Tasks (formerly known as Annexes):
• Technologies and Systems
• Industry type oriented or cross-cutting

Workshops/conferences
Mainly through networking and sharing of experiences, results and methods

No calls, no means for funding projects
Ideally, all participants bring their own already financed project(s)
Activities in the IETS TCP

• Networking and knowledge sharing in Tasks
• Workshops, conferences
• Collaboration with other IEA TCPs
• Reports available from our activities
• Topic sheets highlighting results
• Active on Linkedin and Twitter
Contact

Chair: Thore Berntsson
Vice Chairs: Clemente Pedro Nunes, Portugal & Eric Soucy, Canada
Secretariat: Per-Åke Franck & Heléne Johansson

Twitter: @IEA_IETS

Linkedin
Industrial Energy-Related Technologies and Systems (IETS TCP)

All contact details: iea-industry.org/contact
iea-industry.org/members