

IETS Newsletter on current work and activities

No. 8, July 2018

The IETS Newsletter provides you with short status reports on on-going Annexes, information on up-coming events and other information on IETS activities. IETS is the IEA Technology Collaboration Programme (TCP) on Industrial Energy-Related Technologies and Systems. Currently there are eleven IETS Member countries that collaborate in several Annexes. Visit the IETS web site for more information.

You receive this newsletter as an IETS delegate, observer, Annex participant, subscriber by notice, or otherwise considered related to and possibly interested of the work within IETS. If you do not wish to receive future newsletters, please unsubscribe by e-mail to the IETS Secretariat.

The last IETS Executive Committee Meeting was hosted by ADEME, French Environment & Energy Management Agency, on May 28-29 in Paris, France. A short summary of the meeting minutes is published at the [IETS website](#).

New IETS member countries and sponsors

Canada and France has joined the TCP this spring, although organizations from both countries has participated in Annex work and made important contributions for some time. Organizations from non-member countries Australia, Colombia, Finland, Ireland, Italy and Japan are interested in participating in Annexe work and have been invited as sponsors.

IETS Annex Statuses

Annex XI, [Industry-based Biorefineries](#), will start the new new task - Decision Support Tools and Ex-Ante Research for Evaluating Bioeconomy Transformation Strategies - on January 1, 2019.

Annex XIV, [Energy-efficiency in the Iron and Steel Industry](#), has continued working with the new task: "Training and dissemination".

Annex XV, [Industrial Excess Heat Recovery](#), has currently four active subtasks and the Final Report from Task 2, which will include the experiences from each group together with a discussion of findings, is planned for September.

Annex XVI, [Energy Efficiency in SMEs](#) has started a new Task, focusing on energy end-use efficiency policies with emphasis on energy efficiency networks towards industrial SMEs as well as review of scientific publications towards industrial SMEs.

Annex XVII, [Membrane Processes in Biorefineries](#), has defined six new subtasks and set up the organization for the previously approved extension.

A new Annex (no XVIII) in the area of Digitalization and Big Data has been prepared for some time and has now

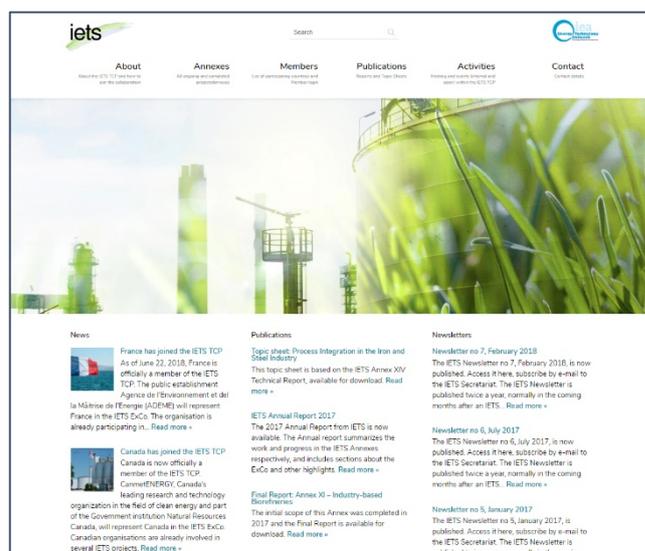
been approved to start in September. Task 1 will be called Big Data and Digitalization for Energy Efficiency and GHG emissions reduction.

New Annex XIX, Electrification in Industry will start in early 2019. The scope and work plan will be finalized during the fall.

Information about the work and organization of Annexes XVIII and XIX will be posted at the [IETS website](#).

New website

A new website (<https://iea-industry.org/>) was launched in the middle of June. The site will focus on news, useful publications, activities within the TCP and Annexes as well as updated information about Annex work. Please visit the site and send comments and input to the IETS Secretariat.



Recent publications

The IETS TCP is producing 2-4 pager summaries (Topic Sheets) of reports from Annex work or workshops, including special findings and highlights.

The following Topic Sheets have been published, so far:

No 1: Energy Efficiency in SMEs, based on the IETS Annex XVI article International study on energy end-use data among industrial SMEs (small and medium-sized enterprises) and energy end-use efficiency improvement opportunities, published by Patrik Thollander et al. in Journal of Cleaner Production 104 (2015) 282-296.

No 2: The Role of Process Integration for Greenhouse Gas Mitigation in Industry, based on the report from the IEA Expert Workshop in Berlin on April 4 – 5, 2017.

No 3: The Role of Industrial Biorefineries in a Low-carbon Economy, based on the report from the International Energy Agency (IEA) Bioenergy Technology Cooperation Programme (IEA Bioenergy) & IEA Industrial Energy-related Technologies and Systems (IETS) – Joint Workshop, Gothenburg, Sweden, 16 May 2017.

No 4: Process Integration in the Iron and Steel Industry, based on the IETS Annex XIV Technical Report.

The Final Report from the first phase of Annex XI is now published at the [IETS website](#).

The IETS Annual Report 2017 is available from the [IETS website](#).

The next IETS Executive Committee Meeting will take place in November 2018.

Next Newsletter

The next IETS Newsletter is planned for December 2018. In the meantime, [visit the IETS website](#) for updated information regarding the work within IETS.



The IETS TCP wishes you a climate friendly summer!

INDUSTRIAL ENERGY-RELATED TECHNOLOGIES AND SYSTEMS (IETS)

The IETS program focuses on energy use in a broad range of industry sectors, uniting IEA activities in this area. Industry offers a significant savings potential at low or even negative cost. The work included in IETS ranges from specific developments of process or energy technologies to overall system aspects, in which energy efficiency is an important part, for practically all types of industry types.

The mission of IETS is to foster international co-operation among OECD and non-OECD countries for accelerated research and technology development of industrial energy-related technologies and systems.

Background

The IETS program was established in 2005 as a result of a merger, revamping and extension of activities formerly carried out by separate individual programs. The former programs for pulp & paper and for process integration are now parts of the IETS. The new program is still under development, with several new activities starting up.

Objective

The objective of IETS is to allow OECD member countries and OECD non-member countries to work together to foster international co-operation for accelerated research and technology development of industrial energy-related technologies and systems with main focus on end-use technologies, also taking into account other relevant IEA activities.

Activities

Through its activities, IETS will increase awareness of technology and energy efficiency in industry, contribute to synergy between different systems and technologies, and enhance international cooperation related to sustainable development.

The participants will implement a wide range of co-operative activities in the fields of

- scientific research,
- technology and systems research and development,
- demonstration and deployment,
- technology and systems foresighting,
- technology and systems assessment of policies and consequences, and
- dissemination of information.