

## SUMMARY OF THE 21<sup>ST</sup> IETS EXECUTIVE COMMITTEE MEETING NOVEMBER, 17-18 2015, VIENNA, AUSTRIA

The meeting was kindly hosted by the Austrian Federal Ministry for Transport, Innovation and Technology, Department of Energy and Environmental Technologies in Vienna.

The following persons took part in the meeting:

- Thore Berntsson (Chair, Chalmers University of Technology, Sweden)
- Maurits Clement (vice Chair, RVO Netherlands Enterprise Agency, the Netherlands)
- Clemente Pedro Nunes (vice Chair, Technical University of Lisbon, Portugal)
- Jennica Broman (Swedish Energy Agency, Sweden)
- Claus Börner (Forschungszentrum Jülich GmbH, Germany)
- Marit Sandbakk (Enova SF, Norway)
- Sabine Mitter (Observer from bmvit, Austria, and CERT delegate)
- Per-Åke Franck (IETS Secretariat, CIT Industriell Energi, Sweden)
- Heléne Johansson (IETS Secretariat, CIT Industriell Energi, Sweden)

Unfortunately, IETS member countries Korea, Belgium, Denmark and the U.S could not participate in the meeting. However, alternate Sandra Belboom (University of Liège, Belgium) participated via Skype presenting an annex proposal on LCA and John Bagterp Jørgensen (DTU, Denmark) participated via Skype presenting an annex proposal on Process Control.

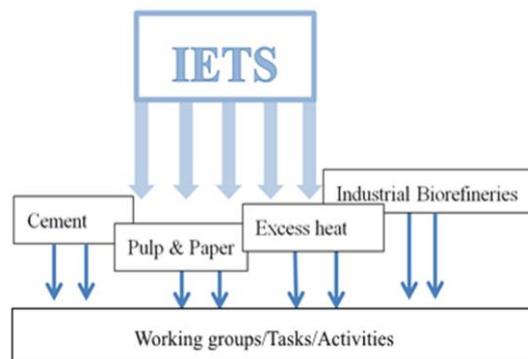
In the preceding workshop, “Collaboration areas for Austrian stakeholders”, about 15 representatives from Austrian academia, enterprises and government organizations participated in addition to the IETS ExCo.

### SUMMARY OF THE EXCO MEETING

The IETS Implementing Agreement was granted a five year extension, i.e until 28 February 2021, by the IEA Committee on Energy Research and Technology (CERT) in November as recommended by the Working Party on End-Use Technology (EUWP).

The recent ExCo meeting was to a great extent focused on the strategic development of the Implementing Agreement; the most important shift being towards more long-standing annexes. The IETS should be organized according to the image to the right, i.e. partly like an “umbrella organization”, but also allowing new annexes in more narrow areas.

New annexes should be set up for three years with possibility for extension and the participation in annexes should be for free (with costs concentrated to the tasks).



*A schematic image, with possible annex examples, of the future IETS organization.*

One advantage is that it is easier to start a new task within an existing annex, than starting a whole new annex. Long-standing annexes also mean a considerably improved visibility to industry and non-IETS countries about IETS activities.

A more detailed suggestion will be discussed at the next ExCo meeting.

The Matrix of Research Activities, developed during the last couple of years, should be further elaborated and updated in order to be used for creating new tasks and annexes. When presented to the EUWP, they found it very interesting and discussed the idea of using this concept more widely.

In addition, the IETS will work more actively for attracting new countries and industries, e.g. by organizing workshops, encouraging sponsorship (as defined by IEA) and approaching key organizations. Collection, packaging and dissemination of information about direct and indirect results of the work in annexes and tasks should also be a priority.

**The Chair, Thore Berntsson (Sweden), and vice Chairs Maurits Clement (the Netherlands) and Clemente Pedro Nunes (Portugal)** were re-elected for another two-year term.

**The ExCo formally decided on extension of the present Secretariat** for two years.

**Status reports were given from all current Annexes:**

Annex XI (Industry-based biorefineries) is about to finish and the final report will be submitted in December. However, there is a proposal to continue with two tasks, which will be discussed further.

Annex XVII (Membrane filtration for energy-efficient separation of lignocellulosic biomass components) has had a slow start but there will be a workshop next year to initiate subtask work.

A few **proposals for new activities** were presented:

An Annex on Life Cycle Assessment (LCA), aiming at creating a model for assessing environmental impacts of past, current or future energy mix of a European country, including several important aspects, is considered of great interest. The scope and tasks of the proposed annex need to be specified.

A joint Annex with the Demand-Side Management Programme on Multiple Benefits has been suggested and the current proposal will be further discussed by interested parties and elaborated in the near future.

An activity on Process Control for the use of Energy Efficient Processes has been discussed and an annex text is to be finalized shortly.

A workshop will be arranged together with the ISPT, Institute for Sustainable Process Technology, during or in connection to the conference Industrial Processing, to be held on 23-25 June 2016 in The Hague during the Dutch EU presidency.

A joint workshop together with IEA BioEnergy will be held in Gothenburg in late spring of 2017.

There will be a continuation of Annex XV (Industrial Excess heat recovery), as soon as the organization has been formalized and there might be a continuation of Annex XVI (Energy efficiency in SMEs).

**The next IETS ExCo Meeting** will take place in May 2016 in Freiburg, Germany.

#### WORKSHOP SUMMARY: "COLLABORATION AREAS FOR AUSTRIAN STAKEHOLDERS"

The meeting host, the Austrian Federal Ministry for Transport, Innovation and Technology (bmvit), had invited Austrian stakeholders to a half-day workshop, prior to the actual meeting, in order to discuss possible areas of collaboration and the possibility for Austria to join the IETS IA.

When asked, the three most interesting for areas turned out to be:

- Solar heating, heat pumping and process integration in industrial processes
- Industrial biorefineries
- Industrial excess heat

During the discussion, all participants were free to suggest ways to start collaboration even before an Austrian membership in the IETS. Contributing in/with is one way, dissemination of results another. Sponsorship in existing and future Annexes and observership in the ExCo are other ways to speed up the process.

To conclude, the participants contributed in a fruitful way to point out the direction of further cooperation and there is extremely high interest from many groups. There is also a positive attitude towards IEA.