

## SUMMARY OF THE 20<sup>TH</sup> IETS EXECUTIVE COMMITTEE MEETING MAY, 12-13 2015, PARIS, FRANCE

The meeting was kindly hosted by the International Energy Agency at the Paris headquarter.

The following persons took part in the meeting and the preceding workshop:

- 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)
- Jan Sandvig Nielsen (Weel & Sandvig, Denmark)
- Anne M. Kristiansen (Enova SF, Norway)
- Per-Åke Franck (IETS Secretariat, CIT Industriell Energi, Sweden)
- Emmi Voogand (IETS Secretariat, CIT Industriell Energi, Sweden)
- Heléne Johansson (IETS Secretariat, CIT Industriell Energi, Sweden)
- Gudrun Maass (Chair EUWP)
- Araceli Fernandez Pales (IEA Secretariat)

Unfortunately, IETS member countries Korea, Belgium and the U.S could not participate. Patrik Thollander (Annex XVI Manager, Linköping University, Sweden) participated in part of the meeting. Michael Spirig (Observer, Fomenta, Switzerland) participated in one part of the meeting (day 1) by phone connection.

### SUMMARY OF MEETING

The last ExCO meeting was to a great extent focused on the end-of term self-evaluation and the application for a new five year extension of the IETS Implementing Agreement. The half-day workshop that was held before the actual meeting was dedicated to evaluation of the IA's work and preparations for the extension.

The ExCo also discussed ways of attracting new countries and industries. A number of activities have been and will be undertaken to interest possible new members and the possibility of sponsorship will be further developed.

When following up on the Matrix of Research Activities, the area of Materials was regarded as especially interesting. The IETS Secretariat will formulate an "invitation" that can be posted on the IETS website and also on the Energy Technology Initiative Forum on the IEA Web.

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

Annex XI (Industry-based biorefineries ends on 31 December 2015 and a final presentation of the Annex work and specifically results will be held at the next IETS ExCo meeting.

A presentation of Annex XV (Industrial heat recovery) was carried out by Annex Manager Thore Berntsson, comprising the general results from Phase 1 that has now come to an end. The final report was approved by the ExCo. The planning for Phase 2 has begun, and even without formal commitment the Annex Manager reports to having 6-7 interested groups.

The final presentation from Annex XVI (Energy efficiency in SMEs) was carried out by Annex Manager Patrik Thollander, Linköping University, Sweden. The Annex was initiated in 2011 and can be valued as a notable contribution to the field of SMEs and policy, as this is a very scarcely researched area. The Annex has carried through

four Tasks, with deliveries both as reports and journal articles. The deliveries were distributed to the ExCo prior to the meeting for approval.

The following work is planned for Annex XVII (Membrane filtration for energy-efficient separation of lignocellulosic biomass components) in 2015:

- Subtask A - Recovery of biomass
- Subtask B - Sustainable and energy-efficient separation methods in biorefineries
- Subtask D - Fouling and cleaning of membranes in biorefineries

Subtask C - Design and optimization of membrane processes in biorefineries is postponed until results are received from other subtasks. A workshop is scheduled in connection to Euromembrane 2015 in September.

A few **proposals for new Annexes** were presented: Informal discussions have been going on between IETS and the Electric Motor Systems Annex (EMSA) within the Energy efficient End-use Equipment (4E) IA on a collaborative project mainly in the area of SMEs. However, the topic is not limited to being of concern only for SMEs, and an idea for an activity could therefore easily be expanded. An internal workshop together with EMSA in the fall of 2015 will develop a formal proposal.

An activity in the area of use of industrial operational variations in intermittent power production solutions was suggested by Dutch delegate and vice Chair Maurits Clement concerning new connections/contracts between industries regarding the balance of use of energy produced from electricity and from oil. A possible workshop could be arranged with/by the ISPT, Institute for Sustainable Process Technology, in the summer of 2016. The idea/project has already some funding as of today.

**The ExCo decided to allow the present Secretariat an extension** of two years (until December 2017) provided that the Secretariat conducts a self-evaluation and presents its actual distribution of money at the next IETS ExCo meeting.

**New Chair and vice Chairs** will be elected in November 2015

**The next IETS ExCo Meeting** will take place early in November, possibly in a non IETS member country.

#### WORKSHOP SUMMARY: "FORMAL EXTENSION OF THE IETS IMPLEMENTING AGREEMENT"

It was decided by the ExCo to apply for a new five-year period, starting 1 March 2016. The workshop therefore focused on discussions on the contents of this material, with the ambition to provide the IETS Secretariat with a solid background in order to prepare the required documents.

As an introduction to the discussion, the Chair held a general presentation of the IETS scope and work in order to point out some critical issues. One important feature of the IETS is that it covers a very broad area. This leads to possibilities like e.g. accomplishment of synergy effects due to cross-cutting projects/activities. However, there lays a major challenge in this fact as well, as industries and other organisations are more interested on e. g. the Annex level where tasks and possible outcomes are much more specified.

From this discussion, the following was concluded as being of importance when writing the End-of-Term Report and Strategic Plan:

- Include ideas and proposals for new Annex activities in the Strategic plan. They should be presented in a way that relates them to what is already covered in some sense, and to how they fill in possible identified gaps. This work has already started via the matrix for industry and country interests within IETS.
- Investigate the possibilities of arranging more workshops.
- Benefits for participants should be emphasized in the Strategic Plan.
- Industries show a great interest in participating in Annexes even if the countries are not members of the IA.

During the workshop the ExCo also discussed the IETS performance so far and agreed on a score for each item of the CERT Criteria Table.