



ENARD:- IEA Implementing Agreement on Electricity Networks Analysis, Research and Development Newsletter No 10 - May 2011

10th Executive Committee (ExCo) Meeting, held Phoenix, AZ, 24th - 25th March 2011



The Meeting Venue - Camelback Inn, Scottsdale,
near Phoenix, AZ

ENARD achieved another milestone in its development, via its 10th ExCo Meeting, held in the iconic surroundings of the Camelback Inn in Scottsdale, near Phoenix, AZ, 24th-25th March 2011. The Meeting was arranged to follow immediately on from the IEEE Power System Conference and Exhibition (PSCE), which provided the opportunity for a number of ExCo Delegates to participate in this event.

Perhaps appropriately for the 10th Meeting, the ExCo started its considerations via a 2 hour Session, devoted to the review of the achievements of ENARD's series of operational Annexes, their implications and the emerging policy messages to date. Specifically, the ExCo also sought to identify any "gaps" in their coverage and/or the need for further work.

The operational methodology adopted for Annex I was judged to have been particularly successful, with its series of topical Workshops helping to both facilitate the development of new Annexes and also in informing the ExCo, in relation to their overall considerations.

The achievements of Annexes II, III and IV were also noted, together with the considerable potential to extend their work into the future, such as to address a whole series of issues, which have yet to be covered.

The Meeting progressed to cover a range of important issues, including the planning basis for ENARD Annex V, on the "International Knowledge Exchange of Smart Grid Demonstration Projects" and the most appropriate options for the future development of ENARD, including its interaction and co-operation with the ISGAN Implementing Agreement (International Smart Grids Action Network).

Development of ENARD Annex V "International Knowledge Exchange of Smart Grid Demonstration Projects"

Following on from the initial discussion on the embryonic Annex V at the 9th ExCo Meeting, held Madrid, September 2010 (and as reported in Newsletter No. 9), the ExCo was

pleased to receive a detailed presentation on the development of Annex V, from Agentschap NL (NL Agency).

The ExCo especially noted that the proposed Annex V represents a new approach in relation to the Smart Grid, with outreach to associated industries and sectors (e.g. ICT), with the potential to deliver clear added value to ENARD and also to complement and support ISGAN's Annexes I, II and III.

The ExCo was therefore pleased to endorse the further development of the Annex, via an Annex V Definition Workshop, to take place in Scheveningen, The Netherlands, October 2011.

Developing Dialogue with ISGAN, the International Smart Grids Action Network

The ENARD ExCo was pleased to welcome a small delegation from the rapidly developing ISGAN Implementing Agreement, since launched via the Clean Energy Ministerial Meeting in Abu Dhabi, 6th April 2011. Here, the discussion centred on the most appropriate options and mechanisms, for the two Implementing Agreements to work together, to their mutual benefit.



ENARD and ISGAN Representatives,
at the 10th ExCo Meeting

The value contained in ENARD's work to date was particularly noted, as was the desire to assimilate this effectively into ISGAN's development and for ENARD to make a full contribution to ISGAN's work in relation to electricity Transmission and Distribution Networks.

The ENARD ExCo particularly noted the high levels of political commitment and funding associated with ISGAN. It therefore resolved to pursue the alignment of ENARD with ISGAN, as its preferred medium/longer term alternative, over a defined timescale, such as to allow for the assimilation of ENARD's work programme into ISGAN and continuation of ISGAN, as a single Implementing Agreement, thereafter. As part of this process, it is intended that ENARD will make a specific contribution to the Inaugural ISGAN Executive

Committee Meeting, to be held Seoul, Korea, June 2011, and that ISGAN will play an active role in ENARD's Annex V Definition Workshop, to be held in Scheveningen, The Netherlands, October 2011.

The ENARD ExCo also agreed on the establishment of a small series of Working Groups (WGs), to address the alignment of ENARD with ISGAN and with these to report back into the ExCo, by the end of June 2011.

Membership and Participation

Fourteen countries are presently participating in the ENARD Implementing Agreement, as shown below.



Present Term Extended to 29th February 2012

As reported in Newsletter No.9, ENARD's present Term has now been extended to run until 29th February 2012. The ENARD ExCo was therefore pleased to approve a Programme-of-Work for the 7 month period, covered by this Extension, with this being accessible via the ENARD web-site.

The central focus of the work in the period covered by the Extension will comprise:-

- The organisation, delivery and documentation of the Annex V Definition Workshop;
- Development of the working relationship with ISGAN;
- The facilitation of the ENARD Renewal-of-Term process; and
- the ongoing facilitation and promotion of the Implementing Agreement as a whole.

ENARD Renewal-of-Term Process

The ENARD ExCo continues to prepare in anticipation of its formal submission to CERT for a follow-on Term, to commence from March 2012. As such, the ExCo was pleased to approve the essential working draft documentation, as will be required for submission via the IEA Secretariat, mid-2011.

It is however recognized by the ExCo that any such new Term may be of somewhat limited duration and activity, dependent on the progress of the preferred alignment of ENARD with ISGAN.

Publication of Madrid Workshop Proceedings, on "Markets & Regulation – Financing the Smart Grid"

Following on from the highly successful and well received Annex I Workshop on "Markets & Regulation – Financing the Smart Grid", held Madrid, September 2010, the full set of Workshop proceedings have now been published, together with a complementary summary Workshop profile.

These, together with the proceedings from the full series of Annex I Workshops held to date, may be accessed via the ENARD web-site at www.iea-enard.org.

Update on Annexes II, III and IV

Annex II effectively concluded the major part of its current work programme, via its final Experts' Meeting, held Vienna, Austria, November 2010. Ongoing dissemination activities do however continue, at the national and international levels.

The case for the ongoing development of Annex III is presently being reviewed by a dedicated Working Group, in the specific context of the ENARD ExCo's preferred medium/longer term alignment of ENARD with ISGAN.

Annex IV, on Transmission Systems, held its 5th Experts' Meeting, in Trondheim, Norway, early March 2011. It is now approaching the completion of the current phase of its activities and with the dissemination of these to follow, from May 2011 on.

Annex V Definition Workshop and 11th ExCo Meeting, Scheveningen, The Netherlands, 18th - 20th October 2011

The Annex V Definition Workshop and 11th ENARD ExCo Meeting will be held in Scheveningen, The Netherlands over the three days 18th - 20th October 2011. It is intended that the Annex V Definition Workshop will provide a firm basis for the establishment of a definitive workplan for Annex V, suitable for formal consideration by the ExCo. The 11th ExCo Meeting will continue to consider and decide on the most appropriate options for the future development of ENARD, with specific reference to the preferred alignment with ISGAN.

Further information

Further information on ENARD, including participation in the Implementing Agreement and its activities, may be obtained from the ENARD website, at www.iea-enard.org or from the ENARD Secretariat at EA Technology:-

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or

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ENARD is an International Energy Agency (IEA) Implementing Agreement which provides an international forum for information exchange, research, analysis and collaborative research and development across a range of electricity transmission and distribution (T&D) network issues. Its vision is to facilitate the uptake of new operating procedures, architectures, methodologies and technologies in electricity T&D networks, such as to enhance their overall performance in relation to the developing challenges of network renewal, renewables integration and network resilience.

ENARD, also known as the IEA Implementing Agreement on Electricity Networks Analysis, Research and Development, functions within a framework created by the International Energy Agency (IEA). The views, findings and publications of ENARD do not necessarily represent the views or policies of the IEA Secretariat or of all its individual member countries.