

REALISEGRID: Arnhem meeting (27th – 30th September 2010)

The meeting will feature the following events:

- **Annual meeting of the Stakeholders' Board**, in which four topics (technologies roadmap, TSO remuneration and incentivization policy, drivers of public consensus for new infrastructures, application to real cases of modeling methodologies in support of planning) will be discussed with the project stakeholders. Each discussion topic will be allotted approximately one hour;
- **Final WP1 Workshop**, public dissemination event that will provide the achievements of REALISEGRID on the technological and economic dimension of innovative solutions for the electricity transmission (FACTS, HVDC, WAMS, etc). A roadmap will be illustrated for the incorporation of these new transmission technologies in the electricity grids;
- **Project General Meeting**, public dissemination event that will provide a view on the most important deliverables being produced within the period in the framework of REALISEGRID;
- **Coordination meeting with SUSPLAN and IRENE-40**, open to the coordinators of the three projects (plus possible extra participation upon invitation), to debate the achievements of the three projects and compare the results;
- **WP1 and WP3** private meetings;
- Annual meeting of the **Steering Committee**, private meeting with the participation of one representative for each partner: participation is requested from all the partners in consideration of the importance of the topics to be discussed;

TenneT has kindly prepared two leisure events for all the participants to the meeting:

- an aperitif/dinner offered by TenneT in the evening of September 28th (h18.00);
- a visit to TenneT (including lunch) on September 30th (h12.30).

The widest participation is recommended to both these events. **Please signal your will to participate in the two events by means of an e-mail to Ms. Marsica Lanni m.lanni@tennet.org, Cc to the project coordinator Gianluigi.Migliavacca@erse-web.it).**

The following table provides a synoptic view of the meetings. Items are color coded:

- yellow: private events for the members of the consortium,
- light blue: public dissemination events,
- green: extended meetings, whose participation is established upon invitation of the project coordinator;
- purple: leisure events.

27 Sept.	28 Sept.	29 Sept.	30 Sept.
	9.00 Internal WP1 meeting	9.00 Meeting of the Stakeholders' Board	8.30 Project General Meeting
	12.00 Lunch	13.00 Lunch	12.30 Visit to TenneT including lunch
Meeting with SUSPLAN and IRENE-40 (15.00-17.00)	13.00 Internal WP3 Meeting	14.00 WP1 Workshop	14.30
	16.00 Meeting of Steering Committee	18.00	
	18.00 Aperitif/dinner Hosted by TenneT		

1. Meeting of the Stakeholders' Board

- **Focus of the meeting**

Preliminary documentation will be sent to the Stakeholders by the project coordinator by September 15th 2010. This material will consist in a short excerpt of draft deliverables oriented to provide a common ground focused to the discussion with the Stakeholders. The redaction of the short documents will be cared by the moderator(s) of each session.

Four topics will be addressed with the stakeholder board: technologies roadmap, TSO remuneration and incentivization policy, drivers of public consensus for new infrastructures, application to real cases of modeling methodologies in support of planning.

- **Program of the meeting (Arnhem, 29th September 2010)**

9:00	Introduction by the Coordinator and aim of the meeting <i>G. Migliavacca (RSE)</i>
9:10	Technology roadmap <i>Moderated by S. Galant (Technofi)</i>
10:00	TSO remuneration and incentivization policy <i>Moderated by H. Boyé (OME)</i>
10:45	Coffee Break
11:00	Drivers of public consensus for new infrastructures <i>Moderated by G. Migliavacca (RSE)</i>
11:45	Application to real cases of modeling methodologies in support of planning <i>Moderated by C. Vergine (TERNA) and K. Reich (Verbund APG)</i>
12:45	Conclusions by the Coordinator

- **Participants**

The external participants who have agreed to join for this meeting will receive an official invitation. Internal participants will be the project coordinator together with the WP leaders, the TSOs members of the consortium and the consortium players who are responsible for the deliverables to be discussed during the meeting. The European Commission is invited to attend the meeting too.

2. Final WP1 dissemination Workshop

- **Focus of the meeting**

This public dissemination event will provide the participants with the results of the REALISEGRID project on innovative solutions to be developed for the improvement of electricity transmission (such as FACTS, HVDC, WAMS, etc). The proposed roadmap will be illustrated for the progressive incorporation of these new transmission technologies in the electricity grids.

- **Program of the meeting (Arnhem, 29th September 2010)**

14.00	Introduction and objectives of the final WP1 dissemination workshop (A. Vaféas, Technofi)
14.10	Presentation of the technology roadmap: rationale and overview (A. Vaféas, Technofi)
14.30	Promising passive and real time technologies Zoom on the roadmap for passive and real time technologies (A. Vaféas, Technofi) High voltage underground applications (XLPE+RTTR and GIL) (Roberto Gasparri, Prysmian) Reconductoring of transmission lines through HT conductors and innovative towers (Kees Jansen, TenneT) Lessons learned from WAMS operation in Italy (Chiara Vergine, Terna) Potential of HT superconductors (Heinz Wilkening, JRC)
15:45	<i>Break</i>
16:00	Promising active technologies Zoom on the roadmap for active technologies (A. Vaféas, Technofi) Planning guidelines for the integration of FACTS and HVDC into meshed networks (Angelo L'Abbate, ERSE) HVDC options for future long distance transmission in Europe (Arturs Purvins, JRC) Coordinated control of PSTs and FACTS (Ulf Häger, TUDO) Experience with PSTs operation (Klemens Reich, Verbund – APG)
17:20	Other impacting technologies Potential of electricity storage for TSOs (S. Galant, Technofi) Some other technology exotic development (S. Galant, Technofi) Discussion
18.00	End of the workshop

- **Participants**

It is a public meeting with invitation sent to the European Commission, announcement through the project website and organization of the agenda by the WP1 leader. All the REALISEGRID Stakeholders are invited, alongside with the European Commission.

3. Project General Meeting

- **Focus of the meeting**

This event aims at explaining contents and current results of the newest deliverables of the project

- **Program of the meeting (Arnhem, 30th September 2010)**

8.30	Overview of the activities of REALISEGRID: balance of the second year and challenges in view of the project termination <i>G. Migliavacca (RSE)</i>
8.45	D1.4.2 - Final WP1 report on cost/benefit analysis of innovative technologies and grid technologies roadmap report validated by the external partners <i>S. Galant (Technofi)</i>
9.15	D3.1.2 – Report on extension and harmonisation of transmission planning criteria <i>A. Ciupuliga (T.U. Delft)</i>
9.45	D3.2.2 - Price, cost and financial aspects of network expansion in the European context <i>O. Wadosch (Verbund APG)</i>
10.15	D3.3.2 – Review of costs of transmission infrastructures, including cross-border connections <i>A. L'Abbate (RSE)</i>
10.45	Coffee break
11.00	D3.4.2 – Tool for the coordinated assessment of investments in electricity and gas infrastructures <i>D. Kirschen (University of Manchester)</i>
11.30	D3.6.3 – Analysis of the integration of RES power generation in the electricity systems <i>H. Auer (EEG)</i>
12.00	Interim Report: Preliminary results on streamlining planning and approval procedures of electricity transmission infrastructures <i>A. Ciupuliga (T. U. Delft), G. Migliavacca (RSE)</i>
12.30	End of the meeting

- **Participants**

The meeting was originally meant as private, with the participation of the consortium members plus the European Commission. It was however decided to extend the participation to interested Stakeholders.

4. Coordination Meeting with SUSPLAN and IRENE-40

- **Focus of the meeting**

This meeting is part of a series of initiatives in which the three projects REALISEGRID, SUSPLAN and IRENE-40, exchange view on their results, methodologies and problems encountered, trying to compose everything into a common view to be presented to the Commission as a consistent vision on the future of the electricity system in Europe.

- **Program of the meeting (Arnhem, 27th September 2010)**

- Latest results of the three projects
- Problems encountered
- Possible data sharing among the projects
- Possible joint dissemination events

- **Participants**

The meeting is restricted to the three project coordinators plus selected people, invited by the REALISEGRID coordinator. The presence of the Commission is welcome.

5. Meeting of the Steering Committee

- **Focus of the meeting**

The main role of the Steering Committee is to (Annex I, pag. 66):

- monitor the development of the project work-plan and assess its compliance with the expected scientific and technological goals and standards, according to the annex “description of work” of the contract.
- orient or re-orient the future phases of the work-plan;
- ensure that the appropriate level of communication has been established between the various work packages;
- review and assess the development and implementation of interactions among work packages, including, concretely, physical flows of inputs and outputs in compliance with the provisions of the project work-plan;
- discuss and evaluate the contents of the main deliverables of the project;
- recommend specific dissemination initiatives, and review their implementation;
- propose, discuss and agree with the EC officer(s) in charge of the project the main issues of the project.

The Steering Committee is composed by one representative of each participant partner (Steering Committee Member). Each SC Member must be present or represented at each SC meeting and may appoint a substitute to attend and vote at each SC meeting.

- **Program of the meeting (Arnhem, 28th September 2010)**

Two main issues will be debated:

- proposal for an extension of the project “lifetime”

- behavior towards non-compliant partners
- dissemination program for the final months.

- **Participants**

The meeting is strictly private. One representative of all the REALISEGRID partners should in principle be present. Well justified absences can be tolerated, but should be reduced to the minimum. The EC is invited to the meeting too.

6. WP1 and WP3 internal meetings

- **Focus of the meetings**

These meetings are focused to revise the current status of the activities of the project. With this aim, presentations illustrating details on the on-going activities are carried out.

- **Program of the meetings (Arnhem, 29th September 2010)**

The WP leaders will send special requirements to the relevant partners.

The main points that will be touched by the WP3 meeting are:

- Status of the activities in the three simulation tasks (WP3.2, WP3.5, WP3.4);
- Advances in the probabilistic modelling in WP3.1;
- Way forward in WP3.6 and WP3.7;

- **Participants**

The meetings are strictly private, restricted to the partners involved in the relevant WPs. The EC is invited to the meeting too.

Venue

The events will take place at:

Best Western Hotel Haarhuis

Stationsplein 1

6811 KG Arnhem

The Netherlands

Tel: +31 (0)26 – 4427441

Mail: info@hotelhaarhuis.nl

Please, confirm to Ms. Marsica Lanni (m.lanni@tennet.org) if you intend to take a room in the same hotel where the meeting takes place and for what period. This information is needed as soon as possible in order to reserve the right number of rooms and avoid overcosts.

Trip advises:

Besides the Schiphol airport in Amsterdam, for the hotel in Arnhem a flight to Weeze/Dusseldorf with Ryanair is also very convenient and nearby (by car, approximately. 40 minutes).