

Project no.:
219123

Project acronym
REALISEGRID

Project title:
**REseArch, methodoLogles and technologieS for the effective
development of pan-European key GRID infrastructures to support the
achievement of a reliable, competitive and sustainable electricity
supply**

Instrument: Collaborative project
Thematic priority: ENERGY.2007.7.3.4
Analysis and scenarios of energy infrastructure evolution
Start date of project: 01 September 2008
Duration: 30 months

D4.2.5
**Report on external dissemination activities and publications of the
REALISEGRID project**

Final

Due date of delivery: 2011-07-29

Organisation name of lead contractor for this deliverable:
RSE S.p.A.

| Dissemination Level | | |
|---------------------|---|---|
| PU | Public | X |
| PP | Restricted to other programme participants (including the Commission Services) | |
| RE | Restricted to a group specified by the consortium (including the Commission Services) | |
| CO | Confidential , only for members of the consortium (including the Commission Services) | |

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| Deliverable number: | D4.2.5 |
| Deliverable title: | Report on external dissemination activities and publications of the REALISEGRID project |
| Work package: | WP4: Coordination, exploitation and dissemination |
| Lead contractor: | RSE (on behalf of TenneT) |

Quality Assurance

| Status of deliverable | | |
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Submitted

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Abstract

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| Summary of all the dissemination activities of the project REALISEGRID |
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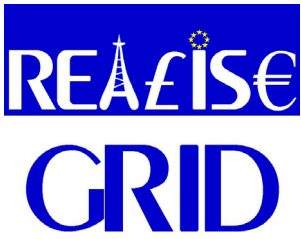


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SUMMARY OF DISSEMINATION ACTIVITIES OF REALISEGRID

First Reporting Period

The REALISEGRID Project was disseminated by the project coordinating person in a range of events:

- at the Conference Transmission and Distribution Europe 2009 (Barcelona, 17-19 March 2009)
 - at the DG-TREN Electricity Grid Workshop (Brussels, 2nd April 2009)
 - at some meetings of the IEA implementing agreement ENARD: 6th ExCo Meeting (Visby, 6-7 May 2009) and kick-off of Annex IV (Milan, 28th April 2009)
 - at the 28th R&D WG Meeting of Energy Policy and Generation Committee of EURELECTRIC (Brussels, 13th May 2009)
 - in a keynote speech at the EEM09 conference (Leuven, 27-29 May 2009)
 - at a special session chaired by the REALISEGRID coordinating person organized within the 10th IAEE European Conference (Vienna, 7-10 September 2009). Within this session, three presentations were carried out by Mr. Migliavacca (ERSE), Mr. Fulli (JRC) and Mr. Vaféas (Technofi), for which extended abstracts have included in the proceedings.
 - at the intermediate WP1 dissemination workshop (Paris, 1st October 2009)
 - at the final WP2 workshop (Paris, 26th March 2010)
 - at the meeting of the Interconnectivity Taskforce of WEC in London (18-19 January 2010)
 - at the three-project meeting in Brussels with DG-TREN (28th January 2010)
- Two papers have been prepared for important conferences:
- Migliavacca et al. - Prospects for the transmission planning in Europe towards a sustainable energy future: the REALISEGRID project (C1-105 for the CIGRE 2010 Session)
 - Ciupuliga et al. - Grid Connection of Large Wind Power Plants: a European Overview (International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Farms - 14-15 October, 2009, Bremen, Germany).

Second Reporting Period

The REALISEGRID Project was disseminated by the project coordinating person in a range of events:

- 7th International Conference on the European Energy Markets (Madrid, 23-25 June 2010). Here, Gianluigi Migliavacca, coordinator of the project REALISEGRID, who is member of the Scientific Committee of this conference, organized and chaired a plenary session on the problems of wind integration, presenting some achievements of REALISEGRID
- CIGRE Session 2010 (Paris, 22-27 August 2010): Angelo L'Abbate (RSE) presented the paper: *Prospects for the transmission planning in Europe towards a sustainable energy future: the REALISEGRID project*
- IEEE PES Conference : Innovative smart grid technologies-Europe (Gothenburg, 11-13 October 2010) : with presentation of the paper *Round-the-year Security Analysis with Bottleneck Ranking for Interconnected Power Systems with Large-Scale Wind Power* (A. Ciupuliga et al.)
- 9th International Conference on AC and DC Power Transmission (London, 19 – 22 October 2010): Angelo L'Abbate (RSE) presented the paper: *The Role of FACTS and HVDC in the future Pan-European Transmission System Development*, written with other partners of the project

- The conference Smart Energy Networks Europe, organized by Marketforce and the Adam Smith Institute (<http://marketforce.eu.com/Conferences/SmartEnergy10/>, Brussels 30 November - 1 December 2010): Gianluigi Migliavacca participated as invited speaker to the first day of the event. He brought the experience of the project on the evolution path of the European grid and on the possible usage of “smart” technologies to support planning and operation of the transmission networks.
- Seminar of the project REALISEGRID at the Florence School of Regulation (Florence, 24 February 2011): participation by RSE, ASATREM and OME
- Guest lecture by Gianluigi Migliavacca at the meeting of the Electricity Committee of the Observatoire Méditerranéen de l’Energie (Paris, 14 March 2011)
- 8th International Conference on the European Energy Markets (Zagreb, 25-27 May 2010). Here, Gianluigi Migliavacca organised and chaired a Special Session dedicated to disseminate some results of REALISEGRID activities. In this session, the following paper was presented too: *Approval procedures and consensus for building transmission lines: obstacles and solutions* by A. Ciupuliga et al., disseminating results of the WP7
- 9th IEEE PES PowerTech 2011 (Trondheim, 19-23 June 2011), with presentation of two papers:
 - o *The REALISEGRID cost-benefit methodology to rank pan-European infrastructure investments* (G. Migliavacca et al.)
 - o *Advanced transmission technologies in Europe: a roadmap towards the Smart Grid evolution* (A. L’Abbate et al.)

The following synopsis was sent for the CIGRE Session 2012: *Planning future transmission grid expansion investments for a sustainable pan-European energy system: the REALISEGRID approach* (G. Migliavacca et al.).