



Published on *Intelligent Energy Europe* (<https://ec.europa.eu/energy/intelligent/projects>)

Reliable Disclosure Systems for Europe

RE-DISS

The RE-DISS project aimed at improving significantly the reliability and accuracy of Guarantees of Origin for electricity and of the electricity disclosure information provided to consumers across Europe. Thus the project helped to properly implement the requirements on member states set out in the RES Directive 2009/28/EC, in the Energy Efficiency Directive and the Internal Electricity Market Directive. The project has found that, due to a lack of stringent rules for electricity tracking mechanisms in many countries, at least 240 TWh/a of electricity were wrongly disclosed to consumers in 2010, including double counting of 105 TWh/a of electricity from renewable energy sources. In order to overcome this, RE-DISS has developed a set of Best Practice Recommendations for implementing reliable electricity disclosure systems. They include rules how each country should calculate a residual mix which can be used for disclosure if no other reliable evidence is available. The project has worked with many countries in order to improve their tracking systems and thus has contributed to the reduction of the disclosure error, which was reduced to about 75 TWh/a by the end of the project.

Results

- The RE-DISS Best Practice Recommendations provide guidance to competent bodies and legislators in Europe which are implementing and managing systems of Guarantees of Origin and other tracking systems for purposes of electricity disclosure. The recommendations have received broad support from many stakeholders and have served as a point of orientation for designing the tracking systems in many countries.
- In addition to the "technical" Best Practice Recommendations, RE-DISS has also drafted guidelines which could be given to governments in Europe in order to support their implementation of electricity disclosure and related tracking systems.
- The project has analysed the tracking systems used for disclosure in 23 countries and has prepared tailor-made recommendations for their further improvement. The results are documented in country profiles which provide guidance for the optimisation of Guarantees of Origin and electricity disclosure schemes in the future.
- RE-DISS has provided data on appropriate residual mixes for disclosure in 27 European countries for the years 2009, 2010 and 2011. The use of this data for consumer information would significantly improve the reliability of electricity disclosure information. A number of countries is already using this data.
- Through its support activity for legislators and competent bodies, RE-DISS has for example helped to remove the former significant double counting of renewable energy in Germany and to improve the information given to electricity consumers in Norway. The project has also helped the Association of Issuing Bodies to open its Hub for electronic Guarantees of Origin to connections with more countries which are issuing such guarantees for renewable energy.

Lesson learned

- In the year 2010 there was still a lack of stringent rules in many countries on which tracking mechanisms may be used and how they are defined and coordinated across borders. Assisted by the work of the RE-DISS project, competent bodies in Europe were able to significantly improve this situation and have thus reduced the measureable disclosure error by approximately two thirds. However, much work remains to be done in order to reach truly reliable disclosure information provided to consumers.
- The Best Practice Recommendations and the methodology for the calculation of residual mixes provided by RE-DISS can actually serve as points for orientation for the further development of tracking systems in Europe. Even if not all recommendations are being implemented, many countries have addressed the most important challenges based on the recommendations given by the project. However, much work remains to be done in order to reach truly reliable disclosure information provided to consumers.
- For the future reliability of disclosure information given to consumers, it is vital that the core activities of the RE-DISS project are continued. A follow-up project has thus been proposed (RE-DISS II). Furthermore, an appropriate organisational structure should be established on the European level, which can carry out activities such as the provision of residual mix data on a continuous basis in the future.

Partners and coordinator

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Energie-Control GmbH [2]	Austria
Grexel Systems Oy [3]	Finland
IT Power Limited [4]	United Kingdom
Observatoire des Energies Renouvelables [5]	France
Flemish Regulatory Agency for the electricity and gas market [6]	Belgium

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Budget

Overall budget: 806.348,00 € (EU contribution: 75,00 %)

Key documents

- [Project Slides](#) [7]
PDF 974.89 KB 
- [RE-DISS Final Report](#) [8]
PDF 2.39 MB 
- [Report on H/C - RE-DISS](#) [9]
PDF 291.04 KB 
- [Summary on recommendations - RE-DISS](#) [10]
PDF 288.49 KB 
- [electricity disclosure guidelines for MS](#) [11]
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- [Report on improvements achieved by RE-DISS](#) [12]

PDF 1.92 MB 

- [Results of the calculation of Residual Mixes](#) [13]
PDF 654.79 KB 
- [Best Practice Recommendations](#) [14]
PDF 506.62 KB 
- [RE-DISS Final conference - Morning session](#) [15]
ZIP 1.52 MB 
- [RE-DISS Final Conference - Afternoon session](#) [16]
ZIP 1.95 MB 

In brief

Sector: Electricity production

Duration: 01/05/2010 to 14/10/2012

Contract number: IEE/09/761

Website: <http://www.reliable-disclosure.org>

Tags:

electricity

Media coverage

- [Varedeklarasjonen 2012](#) [17]
Norges vassdrags- og energidirektorat - 03/06/2013

Related projects

- [\[E-TRACK](#) [18]] A European Tracking System for Electricity
- [\[E-TRACK II](#) [19]] A European Tracking system for electricity (E-TRACK) Phase II
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- [\[BioGrace-II](#) [21]] Bioenergy Greenhouse gas emissions: Align Calculations in Europe
- [\[RES-E REGIONS](#) [22]] Boosting green electricity in 11 European regions
- [\[BETTER](#) [23]] Bringing Europe and Third countries closer together through renewable...
- [\[CLEAN-E](#) [24]] Clean Energy Network for Europe
- [\[RES MARKET-PLACES](#) [25]] Creating Renewable Energy Market-Places for Investors and Regional Actors...
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- [\[GEOELEC](#) [28]] Develop Geothermal Electricity in Europe to have a renewable energy mix
- [\[DG-GRID](#) [29]] Enhancement of sustainable electricity supply through improvements of the...
- [\[EUROSERV'ER](#) [30]] Euroserv'er Barometer (2008-2010)
- [\[ELEP](#) [31]] European Local Electricity Production

- [[STORE](#) ^[32]] Facilitating energy storage to allow high penetration of intermittent...
- [[GREENNET-EU27](#) ^[33]] Guiding a Least Cost Grid Integration of RES-Electricity in an extended...
- [[GRIDTECH](#) ^[34]] Impact Assessment of New Technologies to Foster RES-Electricity...
- [[IMPROGRES](#) ^[35]] Improvement of the Social Optimal Outcome of Market Integration of DG/RES...
- [[INTER - PARES](#) ^[36]] INnovative Tools for Energy Regulations of Provinces Associations on...
- [[MASSIG](#) ^[37]] Market Access for Smaller Size Intelligent Electricity Generation
- [[RES2020](#) ^[38]] Monitoring and Evaluation of the RES directives implementation in EU27 and...
- [[DIA-CORE](#) ^[39]] Policy Dialogue on the assessment and convergence of RES policy in EU...
- [[GREENNET-INCENTIVES](#) ^[40]] Promoting grid-related incentives for large-scale RES-E integration into...
- [[PV POLICY GROUP](#) ^[41]] PV POLICY GROUP
- [[PV GRID](#) ^[42]] Reducing barriers hampering large-scale integration of PV electricity into...
- [[RE-DISS II](#) ^[43]] Reliable Disclosure Systems for Europe – Phase II
- [[RESPOND](#) ^[44]] Renewable Electricity Supply interactions with conventional Power...
- [[REALISE FORUM](#) ^[45]] Renewable energy and liberalisation in selected electricity markets Forum
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- [[SHERPA](#) ^[48]] Small Hydro Energy Efficient Promotion Campaign Action
- [[TRADEWIND](#) ^[49]] Wind Power Integration and Exchange in the Trans-European Power Markets

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[17] <http://www.nve.no/no/Nyhetsarkiv-/Nyheter/Varedeklarasjonen-2012/>

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