

Joint Activities between European Countries on Disclosure / Residual Mix

Project Outline

AIB Government and Regulatory Committee
25 June, Brussels



Dominik Seebach, Christof Timpe
Öko-Institut e.V. Freiburg/Darmstadt/Berlin

Joint Activities on Disclosure and Residual Mix

Provision of Reliable Disclosure Information

- Current practice of European countries not harmonised
- Negative interactions due to international trade of physical electricity and GO
- E-TRACK project has pointed out existing shortfalls and developed a proposal for a harmonised tracking approach including different „Building Blocks“
- Residual Mix as one of these „Building Blocks“ requires cooperation between all countries involved

Joint Activities on Disclosure and Residual Mix

Calculation and Use of the Residual Mix (1/3)

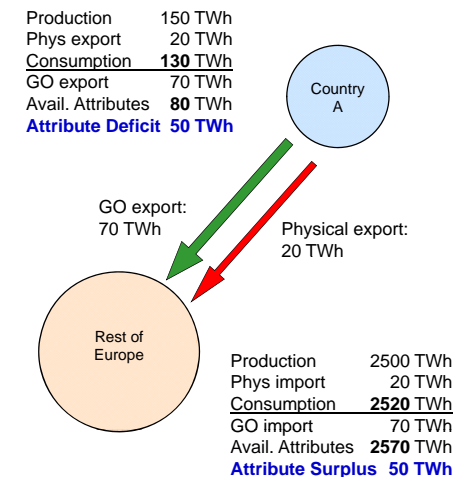
- Disclosure must be based on a Residual Mix, if no attributes from GO or RTS (other reliable explicit tracking mechanisms) are available
- Uncorrected generation statistics are not acceptable
- Principle of calculating a Residual Mix in a certain region
 - Attributes of all electricity generation
 - +/- corrections for imports and exports
 - all attributes which have already been used (cancelled GO, allocation through RTS)
 - = Residual Mix
- GO which have not been cancelled until the end of their lifetime will become part of the Residual Mix.
- The RM can be set up either on a national basis or consistently for all countries in a certain multi-country region.

Joint Activities on Disclosure and Residual Mix

Calculation and Use of the Residual Mix (2/3)

Example: Country exporting more GO than physical energy

- Differences between the net exchange of electricity and the net exchange of attributes result in imbalances.
- Current solutions not suitable:
 - Deficits usually made up with e.g. UCTE mix **information missing, double counting**
 - Surplus usually ignored **information is lost**
- Solving the problem requires cooperation on European level.

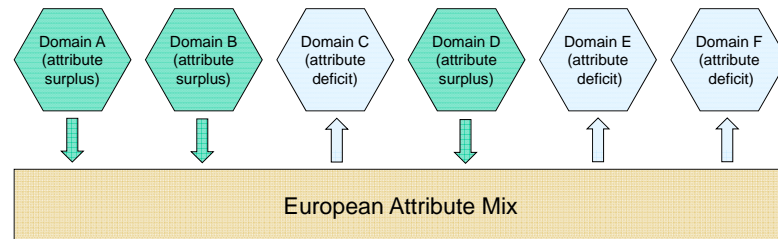


All export & import figures refer to net balances.

Calculation and Use of the Residual Mix (3/3)

A European Attribute Mix can help to solve the problem of imbalances between attributes and physical energy in Domains.

This mix can be managed by a European disclosure platform.



The Way to a European Attribute Mix

- Possibilities for Joint Activities:
 - Short term pragmatic approach:
European Platform for Electricity Disclosure
 - Mid term approach:
[Reliable Disclosure Systems for Europe \(RE-Diss\)](#)

From Research to Implementation

- *E-TRACK* set the ground
- *Reliable Disclosure Systems for Europe* aims at practical implementation
- Responsible national bodies for the implementation of GO and electricity disclosure as major contributors in the project.
- The work of these bodies – the development of reliable operational systems for disclosure – is supported and coordinated by selected consultants with extensive knowledge in issues relating to Guarantees of Origin and electricity disclosure.
- Application for funding by the EC (Intelligent Energy Europe), 24 months duration, start in 2010

Reliable Disclosure Systems for Europe (RE-Diss): Project Consortium

- Öko-Institut e.V. (Project Coordinator), it power, Grexel and Observ'Er as consulting project partners
- E-Control (Austria) and VREG (Flanders) as participating responsible bodies
- Supported by official external partners
 - AIB, CertiQ (NL), Energinet.dk (DK), ...
 - open for additional partners/countries during the initial phase
- Advisory Board
 - Invited parties: CEER / ERGEG, RECS, EREC, Euroheat & Power, Cogen Europe, Eurelectric, ETSO, UCTE/ENTSOE, EFET, BEUC

Objectives 1/2

- Bring together the **responsible bodies** for disclosure
- **Share experiences** with implementing electricity disclosure, the use of GO for disclosure and calculations for national averages or residual mixes.
- To **identify adequate explicit tracking mechanisms** e.g.
 - GO for RES-E
 - GO for CHP-E
 - possibly also include other reliable and transparent tracking mechanisms
- Bring best practice implementation of explicit tracking mechanisms in the respective countries further to a **joint best practice standard**

Objectives 2/2

- Step by step **development of harmonised calculation method for national averages or residual mixes** for electricity disclosure. taking E-TRACK recommendations as a starting point
- Identify the requirements for **exchanges of data** between the responsible bodies in the participating countries and in other countries
- Support the participating countries in the concrete **improvement of their implementations of GO systems, other explicit tracking systems and residual mix calculations.**
- To **promote the Reliable Disclosure approach** in those European countries which are not participating actively in the project.

Long term objectives

- To increase the reliability of disclosure information provided to European consumers, which is a requirement defined in Article 3(6) of Directive 2003/54/EC.
- To support the allocation of true market values to electricity from different energy sources and using different conversion technologies, based on consumer preferences.
- Supporting the design of effective support systems and contributing to a sufficient harmonisation between support, disclosure and other related policies
- To provide general guidance which can also be applied for the design of similar energy certification systems, e.g. Guarantees of Origin for Biogas.

Thanks for your attention!

Dominik Seebach (d.seebach@oeko.de)
Öko-Institut e.V., Freiburg, Germany
Phone: +49-761-45 295-25

For further information on the RE-Diss project please contact
Christof Timpe (c.timpe@oeko.de), +49-761-45 295-25

For information on the E-TRACK project see:
<http://www.e-track-project.org>