

Venue: Brussels

Date: 18.05.2017

## **Focus Group: Publishing in open databases and increasing transparency and reproducibility**

### **Introduction:**

Scientific approaches to investigate technical, economic and social interactions of the energy system are always based on data. One of the major challenges of projects is the exchange, versioning and publishing of relevant data. With an increasing number of models and participating scientists, the need arises for functioning data management systems and defined exchange formats. After looking at typical and well known barriers we want to present and discuss developed tools and methods to increase transparency, to decrease double work and to avoid data confusion.

### **Objective of the focus group:**

- To exchange about problems and solutions about publishing and opening up
- Overview on methods and standards for transparent energy system analyses

### **Key questions for discussion:**

- What are barriers to publish open data?
- What methods are commonly used to publish data and code?
- How to build an active community that knows and follows standardized methods to increase transparency and reproducibility?

### **Schedule:**

Input speeches

- Publishing code and data - crucial points and barriers (Paul Dean (UCC))
- Towards transparency - qualitative framing of quantitative energy scenarios (tba)
- Input along the chart “reproducibility of modelling processes”,  
Role and Importance of a commonly used database (tba)
- Development and features of the oedb and OEP (Ludwig Hülk (RLI))

Structured discussion about key questions

### **Contact:**

Berit Müller: Berit.Mueller@rl-institut.de