

Open energy system data – Concrete steps for collaboration

Goal for the break-out group: discuss the following questions (focus on "How?") and develop answers and a rough action plan together

- What?

- Establish an open reference dataset for energy system modelling
- Comprise at least all essential data required for basic simulations
- Peer-reviewed
- Easily accessible
- Up-to-date
- Versatile format

- Why?

- Benefit from synergies
- Save time and effort for actual research
- Reduce entry barriers for researchers & system analysts
- Provide credibility & reliability

- How?

- Define **scope** (geographical, systematic (power, heat, fuel, transportation,...), temporal)
- Determine **categories** and **definitions**
- Select **format**
- Manage the **collection, verification, reviewing & updating** process
- Handle **copyright**, communication with **sources** and **publishing** issues
- Connect to a **concrete research question?** (e.g. European energy union, RE integration, market design, ...)
- Focused data work for **specific applications** (e.g. CHP data, Wind & Solar time series, etc.)?
- **Continuous** voluntary data feed-in, e.g. from concluded projects of openmod-participants?
- Apply for **funding** for a concrete dataset- (or related) project?