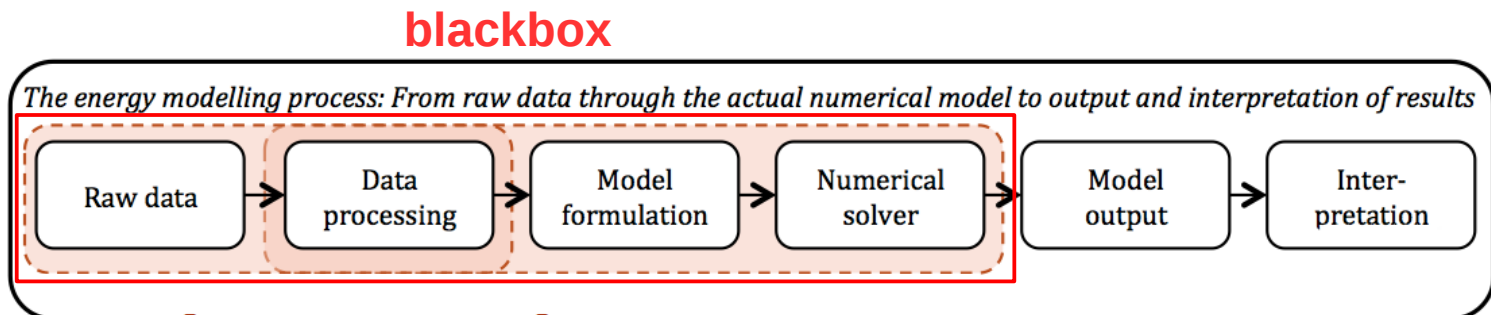

Open Power System Modelling & Data

6. EUM-Fachtagung

Flensburg, 31.03 – 01.04.2016

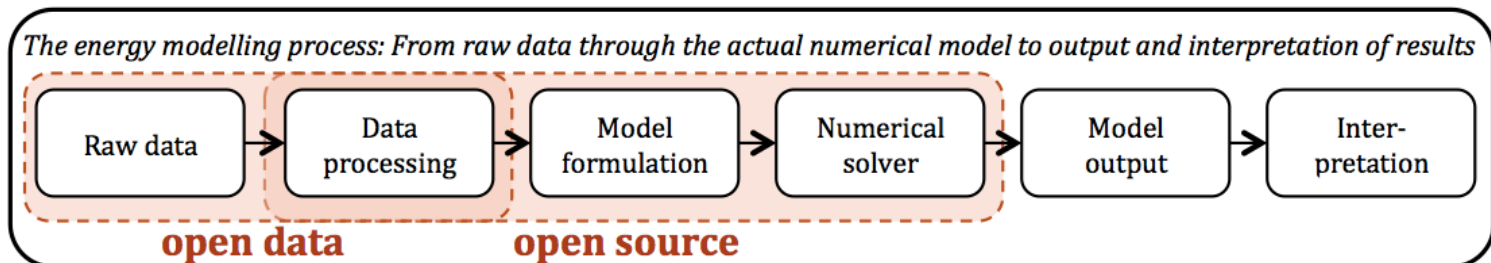
Problem

- Energy models are widely used for policy advice and research
- They serve to help answer questions on energy policy, decarbonization,...
- Currently, most energy models are black boxes – even to fellow researchers



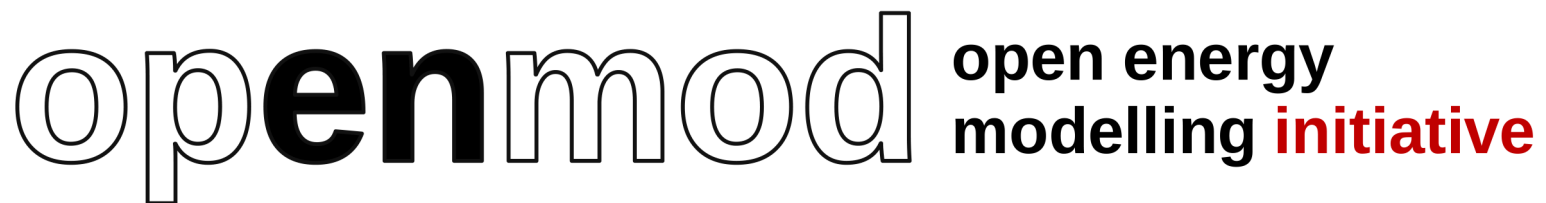
Solution

- Openness in terms of energy data and models
- Increased transparency and credibility, reduced wasteful double-work and improved overall quality
- Advanced research and benefit



Openmod Initiative

- Grass root initiative set up in 2014
- Interest group to lobby for transparency and spread the idea of open source/data in energy modelling
- Network to exchange ideas and join forces
- Platform to share information/code/data
- Web: <http://www.openmod-initiative.org>



Speakers

1.) Open Energy Modelling Framework (oemof) - A modular open source framework to model energy supply systems

Simon Hilpert (FHF/ZNES)

2.) Open power System Data - Eine Plattform für freie Energiedaten

Wolf-Dieter Bunke (EUF/ZNES)

3.) Integration von sozial-ökologischen Indikatoren in die Energiesystemmodellierung: Simulationsergebnisse

Marion Christ, Martin Soethe (EUF/ZNES)

4.) open_eGo - offene Stromnetzoptimierung

Ilka Cußmann (EUF/ZNES), Eva Wiechers (EUF/ZNES), Lukas Wienholt (NEXT Energy)