

# JRC Dataset

## JRC-IDEES 2015

### Description:

The JRC "Integrated Database of the European Energy System" (JRC-IDEES) is a one-stop data-box that incorporates in a single database all information necessary for a deep understanding of the dynamics of the European energy system, so as to better analyse the past and to create a robust basis for future policy assessments. JRC-IDEES offers a consistent set of disaggregated energy-economy-environment data, compliant with the EUROSTAT energy balances, as well as widely acknowledged data on existing technologies. It provides a plausible decomposition of energy consumption, allocating it to specific processes and end-uses. Throughout all sectors it quantifies in a vintage-specific manner the characteristics of the energy (and non-energy related) equipment in use, along with the stock's average operation, identifies different drivers and provides insights on their role by sector, fully acknowledging structural differences across countries. An iterative consultation process aims at further improving the data reliability. By making JRC-IDEES publicly available and revise it periodically in order to address experts' and stakeholders' comments, it can become a cost-free common reference point for energy futures assessments, thereby also avoiding redundant work. JRC-IDEES is developed and maintained by the European Commission's Joint Research Centre

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### Keywords:

Emissions, Energy Balances, Energy Consumption, Energy System, Industry, Power Generation, Renewable Energy, Residential, Services, Transport

### Related resources:

#### Data access

##### JRC-IDEES 2015

The JRC-IDEES 2015 database is made available through the Research Collaboration Portal (RCP) and access will be granted upon registration. Details on how to request access to the RCP can be found on the Landing page.

<https://ec.europa.eu/jrc/en/potencia/jrc-idees>

#### Publications

##### JRC-IDEES: Integrated Database of the European Energy Sector: Methodological note

Mantzoz, L., Wiesenthal, T., Matei, N., Tchung-Ming, S., Rózsai, M., Russ, H. and Soria Ramirez, A., JRC-IDEES: Integrated Database of the European Energy Sector: Methodological note , EUR 28773 EN, Publications Office of the European Union, Luxembourg, 2017, ISBN 978-92-79-73465-6, doi:10.2760/182725, JRC108244.

DOI:[10.2760/182725](https://doi.org/10.2760/182725)

#### Other resources

##### JRC-IDEES Presentations

Presentations relevant to the JRC-IDEES database.

<https://ec.europa.eu/jrc/en/potencia/publications>

Research Collaboration Portal

<https://rcp.jrc.es/>

## Additional information:

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