

DER and Smart n Infrastructure

DERlab association

DERlab is the network of leading research institutes working together for the grid integration of distributed power generation. The association develops joint requirements and quality criteria for the connection and operation of distributed energy resources (DER) and strongly supports the consistent development of DER technologies. DERlab offers testing and consulting services for distributed generation to support the transition towards more decentralised power systems.

www.der-lab.net



Supported by:



DERlab Database of DER and Smart Grid Research Infrastructure

The access point to world class
research infrastructure

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www.der-lab.net/derlabsearch

*) SOPHIA project provides European researchers with the opportunity to develop their own research projects through the Transnational Access (TNA) to the SOPHIA consortium's Research Infrastructures (RI) - free-of-charge. www.sophia-ri.eu

Database of DER and Smart Grid Research Infrastructure



More than hundred research facilities

The database contains systematic information on research infrastructure and related assets, testing capabilities and services of more than 30 research institutes, universities or companies from Europe and the US, which focus on Distributed Energy Resources (DER) and Smart Grids. Over 100 research infrastructures offer research and testing services of DER focusing on the following technical subjects, e.g.:

- High Voltage/High Power
- EMC
- Power Electronics
- Environmental Simulation
- Network Analysis
- Communication
- Smart Grids
- Power Quality
- Storage
- Electric Vehicles
- Grid Integration of DER
- PV characterisation
- Wind

Easy access

Access the database by choosing one of the following options:

Find research infrastructure

Find testing services

Institutes

Send a request

Including a special section for Photovoltaic Research Infrastructure available within the SOPHIA project.*)

Online form

DERlab cares for **finding the appropriate institute for testing and consulting requests**.

The requests can be submitted via our online form.

In the DERlab member institutes' and partners' laboratories, both **complex systems** and **individual components**, such as DER converters, **can be tested** in compliance with national and international grid codes and standards. Furthermore, with its wide range of international members, DERlab has a **broadly based technology portfolio and knowledge of local and international regulations**.



Photo: TECNALIA



Photo: INES/ P.Avavian



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