

ERIGRID 2.0 ENABLES OPEN ACCESS TO SMART GRID AND ENERGY SYSTEMS LABS

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Vienna, 10 July 2020 - Building on the achievements of the predecessor project, ERIGRID 2.0 extends its research to the scope of the entire smart energy system and broadens the range of lab services for external users.

Led by the AIT Austrian Institute of Technology, the European consortium of innovative research and development laboratories offers research infrastructure of the ERIGRID partners to young researchers and experts for developing, testing and validating modern power supply systems, the integration of renewable energies, the digitalization of the networks and intelligent energy systems. The project is based on holistic, cyber-physical validations of the energy system, which can also be carried out in virtual environments. All in all, 21 smart grid and smart energy systems laboratories and 8 facilities with virtual access will be available free-of-charge for successful applicants from all over the world to advance their own research. Access to the laboratories is granted from 2020 to 2024.

The current transformation and digitalization of the energy system while ensuring security of supply require new approaches for the conversion, storage and distribution of energy in different areas. "ERIGRID 2.0 opens the doors of Europe's best research infrastructures for young researchers to advance the development and validation of new concepts and approaches for the integrated energy system of the future," explains Thomas Strasser, senior scientist at the Center for Energy of the AIT Austrian Institute of Technology and coordinator of ERIGRID 2.0. "They will have free physical and virtual access to perform their research activities between April 2020 and September 2024. Another important contribution of the project is training and further education for qualified employees of laboratories and infrastructure facilities," says Strasser.

About

- ERIGRID 2.0: European Research Infrastructure supporting Smart Grid and Smart Energy Systems Research, Technology Development, Validation and Roll Out – Second Edition
- 20 partners from research, academia and industry
- 21 first-class European laboratories and 8 virtual facilities involved
- 12 European countries represented in the consortium
- Duration: 1 April 2020 – 30 September 2024
- Budget: € 10M funded by the European Commission

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