

Wrap-up, summary and conclusions

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*Workshop “Designing and Validating the Future Intelligent, Electric Power Systems”
September 6, 2017, Fuldata/Kassel, Germany*



Points covered

- **The ERIGrid Integrated Research Infrastructure for Validating CPES**
- Holistic system integration and validation procedure
- Enhanced simulation methods and tools
- Enhanced lab-based testing methods and tools

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The ERIGrid Trans-national Access opportunity

- Free of charge access to best European smart grid research infrastructures
 - **Scientists** from research, academia and industry are invited to apply for the Trans-national Access (TA)
 - Successful applicants will be provided with **free of charge** access to ERIGrid research facilities (incl. lab installations)



SmartEST Laboratory at AIT



Smart metering communication platform at TECNALIA

- The **expenses**, including travel and accommodation will be **reimbursed** under ERIGrid conditions
- Calls open **every 6 month**

Provided Smart Grids Research Infrastructures

- Various testing and research possibilities are provided such as
 - DER/power system components characterization and evaluation
 - Smart grid ICT/automation validation
 - Co-simulation of power and ICT systems
 - Real-time simulation and Power/Controller Hardware-in-the-Loop (HIL)



How to Apply?

- User Groups have to fill out the application template from the website (<https://erigrd.eu/transnational-access/>) and send it to erigrd-ta@list.ait.ac.at
- Targeted topics includes smart grid concepts and configurations like
 - Fluctuating renewable energy, distributed energy resources
 - Active prosumers (incl. EVs)
 - Demand side management
 - Power system components
 - ICT, cyber-security, electricity markets, regulation, etc.

Support for filling out an application can be asked to the targeted RIs.

TA calls are launched every 6 months.

Evaluation criteria can be found on the project website.

The current call is open from 15.08.2017 until 15.11.2017