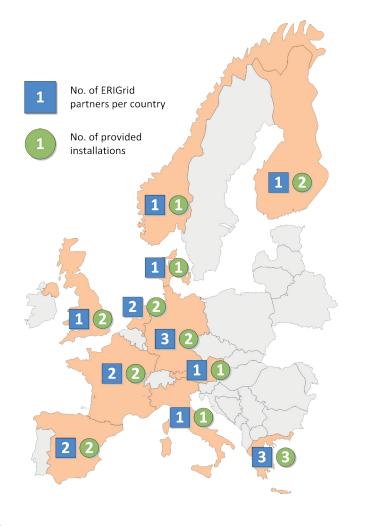
### **Basic Facts**

- H2020 call: INFRAIA-1-2014/2015: Integrating and opening existing national and regional research infrastructures of European interest
- Funding instrument: Research and Innovation Actions (RIA) Integrating Activity (IA)
- 18 Partners from 11 European countries + 2 third parties involved
- 19 first-class Smart Grid labs
- €10M funding from the EC



#### Partners





# Networking European Smart Grid Research Infrastructures



1 November 2015 - 30 April 2020

Coordinated by



www.erigrid.eu erigrid-mgt@list.ait.ac.at The ERIGrid project aims to provide access to concentrated know-how and European research infrastructure to scientists and companies involved in the development of smart grid concepts and components.

#### Main Goals:

- Supporting the technology development as well as the roll-out of Smart Grid approaches, solutions and concepts in Europe with a holistic, cyber-physical systems approach
- Integrating major European research centres with outstanding Smart Networking Activities (NA) Grid research infrastructure NA1: Innovation and to jointly develop common exploitation management (DVNGL) methods, concepts, and procedures NA2: Dissemination, Communication and International Collaboration (DERlab) • Integrating and enhancing necessary research services Sharing of knowledge, harmonization, for analysing, validating and training, and dissemination testing Smart Grid

\* \* \*

JRA4: Implementation and Demonstration of

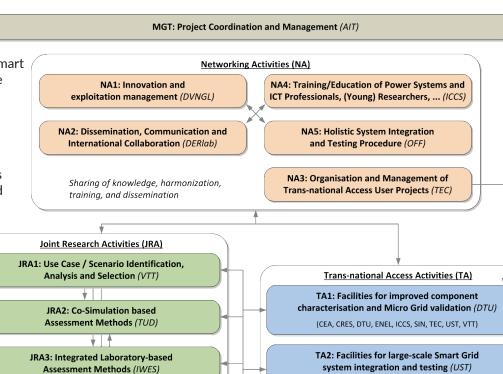
Use Cases / Scenarios in the Integrated RI (RSE)

Improves research services and integrates them

configuration • System level support and education for industrial and academic researchers in Smart Grid research and technology development

#### Networking Activities Objectives (NAO):

- Integrated European Smart Grid research infrastructure
- Reinforced collaboration of key research institutions and industry and utilities
- Staff exchange of researchers, technicians and research infrastructure managers
- Training and education of power system and ICT professionals
- International collaboration

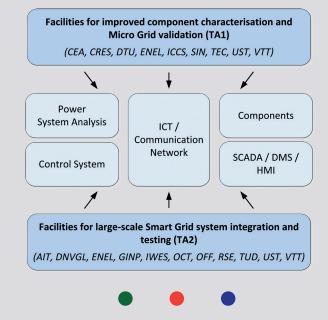


#### (AIT, DNVGL, ENEL, GINP, IWES, OCT, OFF, RSE, TUD, UST, VTT)

Provides trans-national access to outstanding facilities

## Joint Research Objectives (JRO):

- Technology development and roll-out support
- Development of advanced system validation method and tools
- Common models, harmonised validation and deployment procedures
- Implementation of advanced services in the integrated research infrastructure



## Trans-National Access (TAO) Objectives:

- Provision of user access to research infrastructure of the main players in the European Smart Grids research area
- Attracting industry-related user projects



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