



welcome note

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We have now been able to see the Swedish demo up and running. Ellevio has delivered the full description of the functional Smart Grid at Stockholm. The cooperation between SAP and Ellevio on Predictive Maintenance and Asset Health is promising and it is now time to test the modules on maintenance planners. The Portuguese demo is now rolling out HEMS in cooperation with KTH and Local Life from Sweden along with all the other equipment at the customer's premises, that will be the backbone of the demonstrator.

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News from the Demonstrators



Elektro Ljubljana manages the largest electricity distribution network in the Slovenia. The Company is also responsible for the development, maintenance and management of the grid. Till the end of 2018, it continued to install the Advanced Metering Infrastructure (AMI) and in a total 185.000 meters were installed and 177.063 measurement points were included in the advanced metering system, representing 51% of all installed measurement devices. In the future, it will be necessary to expand the activities of installing the Advanced Metering Infrastructure (AMI) in order to follow the targets of the European Directive and the Decree on Measures and Procedures for the Introduction and Interoperability of Advanced Measurement Electric Power Metering Systems), which assumes that all measurement points will be equipped by the end of 2025. Besides completing the AMI, the company has further ambitions to develop and to propose new services (harmonisation of the main topics in tight collaboration with the National Agency for energy). The first group of new services will be oriented towards grid operation and these will be the regulated services, while the second group of explorable services in the InteGrid project will focus on market-oriented services.

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In the Portuguese demonstrator, using a variety of flexibility assets that come from residential to industrial consumers, this project aims at achieving an optimal functioning of the distribution grid through the optimization of flexible resources, closing the gap towards the full integration of the Smart Grid. The flexibility needs of the grid are assessed through a constant monitoring and forecast of the grid surrounding the targeted consumers in order to identify near-future possible constraints. For residential consumers – which are clustered in the same Low Voltage grids - the flexibility management will be made through smart appliances and Home Energy Management Systems (HEMS). For Industrial Consumers/Producers, the flexibility will be managed through a technical Virtual Power Plant (VPP) platform.

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Past Events

InteGrid at InnoGrid2020+

In the past 13 and 14 of May, InteGrid has been represented in the InnoGrid2020+ conference, held in Brussels and co-organised by both EDSO and ENTSO-E.

The event, under the theme “Connecting physics and digits: Power Platforms on the rise” has brought together around 400 representatives, among DSOs, TSOs, market players, regulators, academia and others.

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INESC TEC and the “Energy Systems of the Future”



The “Energy Systems of the Future” event was organised by INESC TEC to present a set of R&D solutions that will contribute to materialize the vision of energy systems with 100% renewable energy, through a combination of new technology, market schemes and intelligent computational solutions. The event was held in Oporto, Portugal, at the Faculty of Engineering of the University of Porto (FEUP) Main Auditorium on May 29.

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CIREN CONFERENCE 2019

CIREN is the leading Forum where Electricity Distribution Community meets. In its 25th edition, the conference was held in Madrid, Spain on 3-6 June 2019. This year companies and delegates from 62 countries participated, about 140 companies joined the Exhibition on Electricity Distribution and 1.519 conference participants with 1731 submitted abstracts.

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InteGrid Second Review Meeting



On the 19th of September, the second period review of InteGrid took place in Brussels. On this meeting, a detailed and specific overview of the project was presented to the European Commission Project Officer. The purpose of the meeting was to present the current status of the project, the first relevant results and to check the global overview about the project's progress. Complementarily, it was also a good opportunity for all partners to have a general update between the multi-geography work packages and demonstrators of the project.

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Future Events

InteGrid discusses new opportunities for industrial demand with the Spanish Association of Companies with a Large Energy Consumption (AEGE)

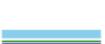


Madrid, September 26

The Institute for Research in Technology (IIT) of Comillas University and AEGE (Spanish Association of Companies with a Large Energy Consumption) jointly organize this event to discuss the new opportunities for industrial demand in the areas of decarbonization and the provision of flexibility services to grid operators. The InteGrid will be present to discuss how its demos as well as the work done on regulation and business models can shed light on this topic, in front of an audience comprising representatives of large industrial consumers, academics, and other stakeholders of the Spanish power sector.

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