

Electris and gridX - Cooperation in the area of innovation and digitisation

- The gridX technology is now also used in Luxembourg
- Electris wants to advance the digital transformation of the Luxembourg electricity market with an innovative approach
- Forecast models for photovoltaic output are supported in research

Munich/ Mersch, 03.06.19. Electris, the only private energy supplier and grid operator in Luxembourg based in Mersch, recognises the need for action within the energy market and relies on the experience and knowledge of gridX. As an active player in the energy market in Luxembourg, the family-owned company wants to develop new digital business models and offer its customers the benefits of digitalization and industry 4.0. It wants its customers to benefit from real added value through the intelligent networking and control of decentralized systems and their visualization in a user-friendly dashboard.

The IoT solutions (Internet of Things) from the Aachen-based company gridX support this. The gridX platform serves as a technical enabler for all future business models along the entire (energy) value chain. As a manufacturer-independent communication gateway, the gridBox forms the basis for the integration of all decentralized energy units, enables interoperability and provides a comprehensive platform as a service (PaaS) for the rapid development and operation of energy big data.

The Luxembourg-based company uses the gridX platform to integrate new use cases. The Combi-Cast project of the Luxembourg Institute of Science and Technology (LIST) is part of Electris' innovative and digital orientation. The gridBox, which has so far been integrated in some Luxembourg households, will be used to improve and further develop forecasting models for the prediction of short-term photovoltaic output. This project, which is carried out together with Electris and is far away from existing use cases, shows how flexible and future-oriented the gridX technology can be. Electris is gathering experience in research with the objective of establishing new services.

David Balensiefen, co-founder and managing director of gridX and Martin Wienands, chef de service at Electris, both see a need to get things moving in the less agile energy market in Luxembourg. They emphasize that it is important to meet today's changing customer demands and shape the future accordingly.

Clean, sustainable and digital energy must be used efficiently and projects like Combi-Cast are a step in the right direction. This will result in an intelligent energy management system which enables forward-looking and smart business models.

"We must work intensively on the further development of customer relationships and the associated IoT concepts so that we can remain a decisive player in the Luxembourg energy market," says Martin Wienands. gridX as an innovative and experienced partner in the field of Energy-IoT, is on a par with Electris.

About gridX

The energy transition is one of the most important challenges of our time. gridX GmbH faces this task honestly, cleanly and transparently at its locations in Aachen and Munich: The use cases Microgrids, Independent Homes and Smart Charging set an example in the Internet of Things and convince with self-developed hardware and software, innovative technology and first-class services. With a comprehensive, digital platform as a whitelabel solution for electricity producers and consumers, the company leads its customers into the future of energy supply.

www.gridx.ai

About Electris

As an electricity provider, Electris supplied around 200 million kWh to more than 5,000 customers throughout Luxembourg in 2018. The family-owned company is maintaining its position in the highly competitive energy market and is continuously evolving. Currently, the company is working on the development of a wind farm in the municipality of Mersch, which will generate a large part of the energy consumed by all customers in Mersch. This, along with other interesting projects, represents an important milestone on the subject of sustainability and resource-conserving management within the company.

www.electris.lu

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