

## **Innovation needs space: IONITY opens technology test centre in Unterschleissheim, Germany**

**Munich, November 18, 2021** - IONITY, the leading High Power Charging network in Europe, has opened its innovative technology test centre in Unterschleissheim, Bavaria - the world's first e-mobility test site with full end-to-end testing, including testing on functional technologies such as Plug and Charge.

Since being founded at the end of 2017, IONITY has taken on a pioneering role in providing high-power charging, making a significant and forward-looking contribution to developments in the market as a CPO (Charge Point Operator) and being a reliable partner to leading manufacturers of electric-powered vehicles. The smooth interaction of electric car and charging station is a basic prerequisite for successful charging.

At the test centre, a more than 5,000 square meter site just outside Munich, IONITY carries out validation and interoperability tests between electric vehicles and charging stations as well as regression and software tests. This makes it possible to perform tests on almost all HPC charging stations available on the European market in one location.

"Every company interprets interface standards slightly differently in the process. In our test centre, we can closely examine all steps in the charging process - from authentication and power transfer to the end of charging - and get feedback on any incompatibilities or issues," said Laurence Langenbrink, Lead Testing Services at IONITY. "Thanks to our mobile testing equipment - a truck with a controllable electrical load that can charge at a maximum of 350 kW and simulate corresponding vehicles - real-time charging simulations and validation tests can also be carried out on-site at our customers' premises," Langenbrink continues.

All tests are closely monitored and logged, and the charging processes are recorded in detail by the test equipment. Currently, the IONITY experts are developing use cases and flowcharts for tests on various hardware models. The goal is to offer EV drivers the highest possible reliability at all IONITY locations, regardless of the vehicle manufacturer, and to use market innovations in the IONITY network only after they have successfully passed their own tests.

With the test centre, IONITY demonstrates its competencies in the field of high-power charging and uses its proximity to the automotive industry for the benefit of its customers. The goal of the test centre is to facilitate the transition to climate-neutral mobility using reliable technology.

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### **About IONITY**

IONITY is making electric vehicle travel the new normal.

The company is building and operating a High-Power Charging (HPC) network along European highways with state-of-the-art technology and a charging capacity of up to 350 kW. This will enable drivers of current and future generations of electric vehicles to benefit from maximum charging speeds during their stopovers - when using the leading European charging standard CCS (Combined Charging System). Each IONITY charging station offers an average of four charging points. As a commitment to sustainability, customers charge 100% renewable energy at all IONITY chargers for emission-free and CO<sub>2</sub>-neutral driving.

IONITY was founded in 2017 and is a joint venture of the automobile manufacturers BMW Group, Ford Motor Company, Hyundai Motor Group, Mercedes-Benz AG and the Volkswagen Group with Audi and Porsche. More than 110 employees are shaping the future of e-mobility at IONITY. The company is headquartered in Munich, Germany, with an additional office in Oslo, Norway. IONITY is an internationally registered trademark.

For more information, please visit: [www.ionity.eu](http://www.ionity.eu)

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