



**TESTIVAL**

Press Release

# CharIN Testival EUROPE 2024 – The Netherlands

January 30 – February 1, 2024

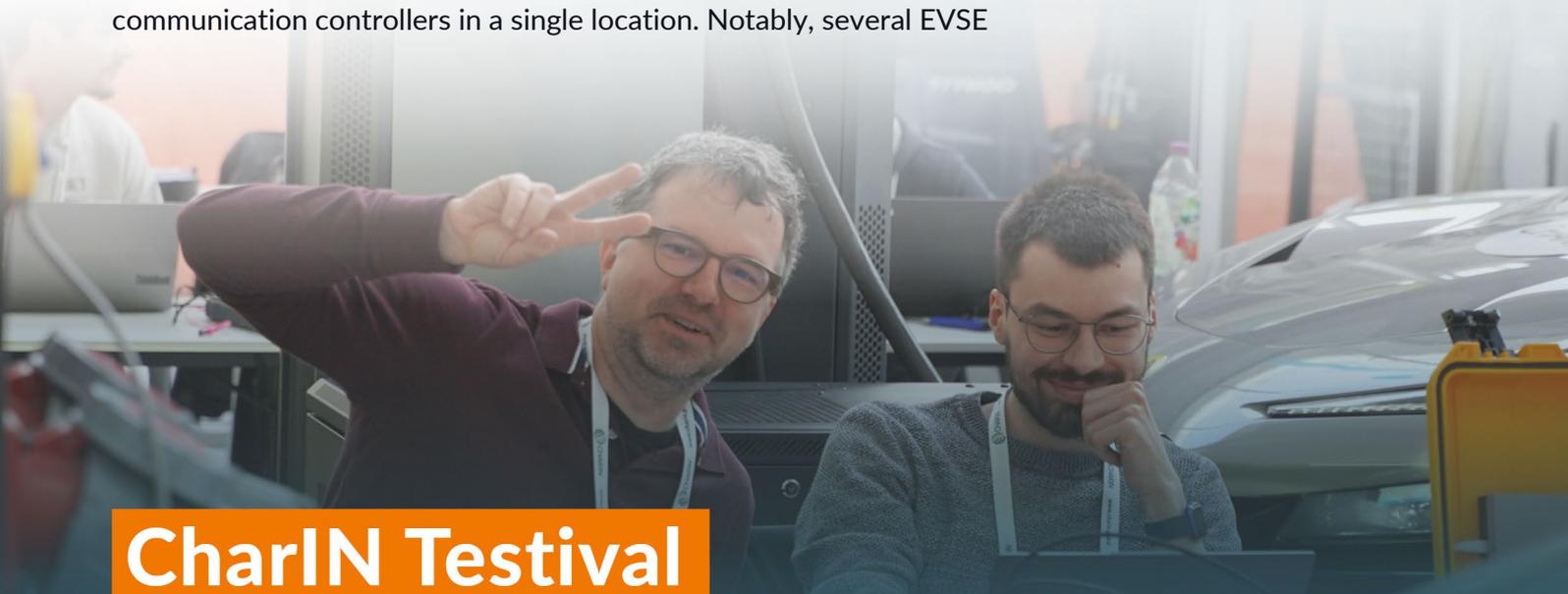
Location: Arnhem, The Netherlands

Host: ElaadNL

**The CharIN Testival returned to Arnhem for the third time to our host ElaadNL. From Plug & Charge demonstrations to ISO 15118-20 over Multi-PKI Testing and V2G Testing, the test sessions were a full success.**

While signaling the beginning of the new Testival season, the CharIN Testival EUROPE 2024 in Arnhem, The Netherlands, also marked the 10th Testival in CharIN's history. Three days overflowed with testing, interoperability pursuits, and collaborative moments encapsulating the essence of innovation in electric mobility. Overall, 17 testing companies, including EV manufacturers, EVSE producers, testing systems, two testing sponsors, and over 120 attendees gathered in person at the knowledge and innovation center of our host, ElaadNL, whom CharIN collaborated with for the third time.

During the course of three days, the CharIN Testival EUROPE offered the perfect environment to test a variety of EVs on the interoperability with different electric vehicle supply equipment (EVSE), electric control units (ECUs), and communication controllers in a single location. Notably, several EVSE



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manufacturers attended their first Festival, highlighting not only the overall growth of the CharIN community, but also an increasing number of testing companies participating in these events.

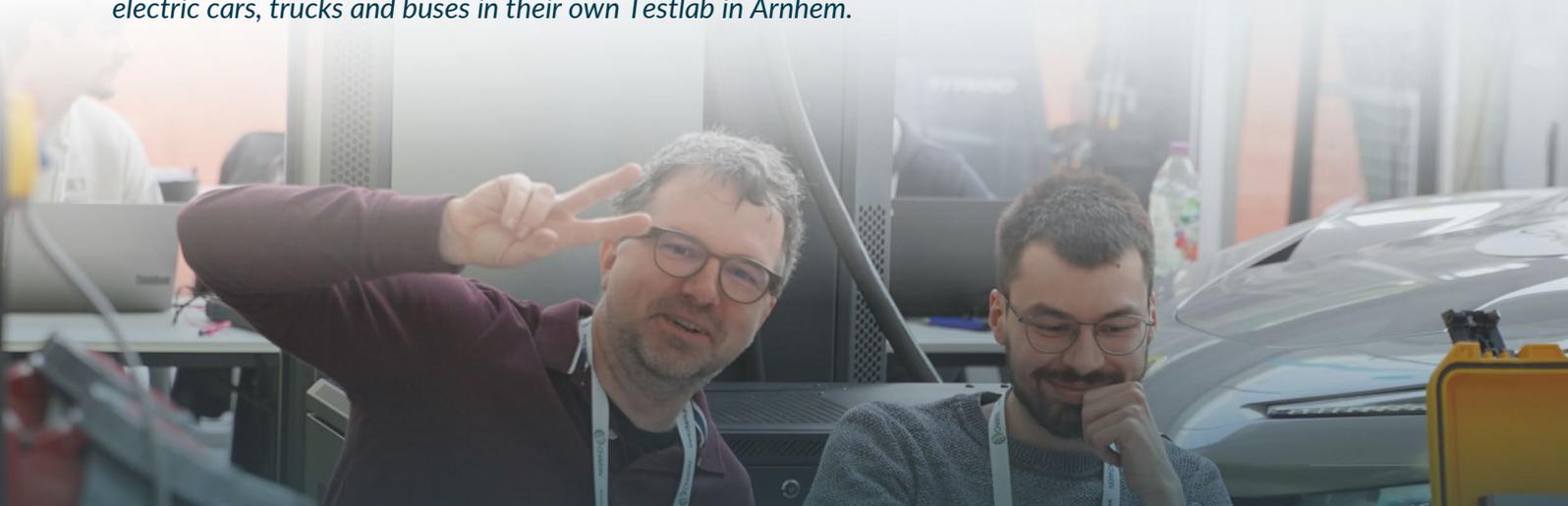
In between ten testing slots, the Festival's program also offered informative side events, where researchers of ElaadNL and industry experts gave exciting insights on relevant subjects such as cybersecurity within the electric vehicle charging infrastructure and an outlook on the mobility transition in 2050. One takeaway from this event: We are diving into the V2G Future and testing Bidirectional Power Transfer per ISO 15118-20 – a crucial step for fully conforming Vehicle-to-grid (V2G) functionalities.

CharIN thanks ElaadNL for being once again an extraordinary and reliable host of the CharIN Festival EUROPE 2024. Additionally, we would like to thank our testing sponsors, VEV Services Ltd. and QualityLogic.

We were delighted to have all the following tester companies participating in this event (mentioned in alphabetical order):

Alfen, Ambibox GmbH, chargebyte GmbH, BMW, Daimler Truck AG, DEKRA, Dover Fueling Solutions, Ekoenergetyka, ElaadNL, EVBox, Exicom Power Solutions, Fronius International, Kempower, Nissan Motor Corporation, Switch, The Mobility House, Volvo Group

*ElaadNL is an initiative of the joint Dutch Grid Operators. In its Knowledge and Innovation Center ElaadNL researches smart and sustainable charging of electric vehicles and the associated charging infrastructure. With the power of the network of manufacturers from all over the world, ElaadNL tests the latest techniques for charging electric cars, trucks and buses in their own Testlab in Arnhem.*



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# T FESTIVAL

*CharIN is the leading global non-profit association with more than 300 members around the globe and open to any company worldwide being involved in the business of e-mobility. Under the CharIN umbrella, cross-industry stakeholders like automakers, charging station manufacturers, component suppliers, energy providers, grid operators, and many others continue moving towards interoperable charging, where vehicles, chargers, and software systems work together and to make the user experience reliable, easy, and smooth.*



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