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## CharIN e.V. partners with Irdeto to handover and operate the CharIN V2G PKI marking a milestone in EV charging infrastructure

The CharIN V2G (vehicle-to-grid) PKI (public key infrastructure), a fundamental component in the electric vehicle (EV) charging infrastructure, has been fully legally and operationally transferred by CharIN to the expert IT company, Irdeto. Originally established as a CharIN member-funded project, the CharIN V2G PKI has achieved its objectives to create openly defined market guidelines and a Certificate Policy, as well as offering an open market solution. The decision to handover operations to a specialized entity will also enable further services and supports an attractive market product.

The transition marks a milestone in the evolution of EV charging technology, ensuring continued accessibility and reliability for stakeholders worldwide. Despite the transfer of operations, the results of the CharIN PKI project remain accessible [online](#) including market guidelines and Certificate Policy, enabling stakeholders to benefit from the wealth of knowledge generated.



Notably, the European Union's STF (Sustainable Transport Forum) has adopted the Certificate Policy of the CharIN V2G PKI as a foundational basis, highlighting its importance in shaping industry standards. Moreover, the CharIN V2G infrastructure maintains its commitment to openness and interoperability, accommodating multi-PKI environments and welcoming all stakeholders to participate.

CharIN hosts a working group, which developed the first openly and globally aligned API (application programming interface) for ecosystems, called OPNC (Open Plug & Charge Network Communication) Protocol, which will also be further developed by this open community to include proposed and required enhancements.



For more information about the CharIN V2G PKI and its operations, visit <https://www.charin.global/technology/plug-charge/>

**Information about CharIN e.V.**

The Charging Interface Initiative e. V. (CharIN) is the largest global association promoting electric vehicle adoption by developing reliable and universal charging solutions. CharIN is focused on electrifying all forms of transportation based on the seamless and interoperable charging experience enabled by the Combined Charging System (CCS) and the Megawatt Charging System (MCS). CharIN represents 300+ leading e-mobility stakeholders from the entire EV charging value chain. With a global network of industry experts and partners, CharIN continues to drive innovation and excellence in the EV charging infrastructure. It is open to all interested parties and has offices in Germany, Hong Kong, South Korea, India, Japan, China, and the US.

More information: [www.charin.global](http://www.charin.global)

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