

Green NCAP and CharIN Sign Memorandum of Understanding to Strengthen EV Interoperability

LEUVEN, BELGIUM – Green NCAP and the Charging Interface Initiative e.V. (CharIN) have signed a Memorandum of Understanding (MoU) to enhance cooperation in the field of electric vehicle (EV) interoperability and charging performance transparency.

Under the agreement, Green NCAP has expressed interest in integrating CharIN's conformance testing programmes within its assessment framework. This step would allow Green NCAP to further evaluate electric vehicles on interoperability performance with electric vehicle supply equipment (EVSE).

Conformance testing verifies that EVs and charging equipment comply with established technical standards and protocols. It ensures that a vehicle or charger performs as intended and meets recognised industry specifications. EV interoperability refers to the ability of different vehicles and charging stations across brands, networks, and countries to work seamlessly together. In practical terms, it means that drivers can plug in and charge reliably without compatibility issues, supporting a smooth and user-friendly electric mobility experience.

As part of the partnership, Green NCAP will reference the CharIN Label within its **Driving Experience assessment** for electric vehicles, where relevant. Testing may be conducted in accordance with CharIN's established processes or through recognised CharIN partners, ensuring consistency with international interoperability standards.

The transition to electric mobility must be supported by transparency, reliability, and interoperability. By working with CharIN and recognising its conformance testing programmes, we are strengthening the information available to consumers about charging compatibility and performance. This collaboration supports our mission to empower drivers and fleets to make well-informed, sustainable mobility choices based on verified and independent assessments.

— Dr. Aleksandar Damyanov, Technical Manager Green NCAP

The collaboration aims to provide consumers, fleet operators, and policymakers with clearer, independent information about EV charging compatibility and performance. By combining Green NCAP's sustainability and real-world performance assessments with CharIN's technical expertise in charging standards and conformance testing, the partnership supports a more transparent and reliable electric mobility ecosystem.

Interoperability is a key prerequisite for a reliable and user-friendly EV charging experience. Through this cooperation with Green NCAP, we are taking an important step toward increasing transparency around charging compatibility and performance. By integrating CharIN's conformance testing programs into independent assessments, we can help ensure that vehicles and charging infrastructure work seamlessly together and support the continued growth of e-mobility.

— Michael Keller, Chief Technology Officer CharIN

Green NCAP continues its mission to empower consumers with trusted, independent information on vehicle sustainability and real-world performance. Through this cooperation with CharIN, Green NCAP strengthens its commitment to supporting the transition to cleaner, smarter, and more interoperable electric mobility.

About CharIN

CharIN is a global association of vehicle manufacturers, energy providers, component suppliers, and charging station developers united by a shared mission: to establish the Combined Charging System (CCS), the Megawatt Charging System (MCS), and the North American Charging System (NACS) as the global charging standards for charging all types of battery-electric vehicles. Together, CharIN members drive the development of interoperable charging solutions to ensure a reliable, seamless, and user-friendly charging experience.

Representing around 280 leading e-mobility stakeholders across the entire EV value chain, CharIN invites participation from all interested parties. With a strong global presence and offices around the world, CharIN is in charge of shaping the future of e-mobility.

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About Green NCAP

Established in 2019, Green NCAP is an independent, non-profit organisation established to promote the development of more sustainable cars and trucks. For the first time, the introduction of Green NCAP's whole-life assessment of new vehicles means consumers can see and compare the true environmental impact of cars throughout their lifecycle, and compare their real-world efficiency, range, and charging capability. Through its Driving Experience assessment, Green NCAP also evaluates how vehicles perform in everyday conditions, including cold winter driving, energy efficiency, and charging capability, ensuring that sustainability is aligned with practical usability.

Each car's Sustainability Rating is presented in a comprehensive report that can be browsed online or downloaded.

Editor's note

For full results, visit www.greenncap.com or [Green NCAP's newsroom](#) for journalists.
For media information, please contact **Cordelia Wilson** at media@greenncap.com.

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About Green NCAP

Green NCAP is an independent initiative which promotes the development of cars which are clean, energy efficient and cause as little harm to the environment as possible.

Green NCAP uses a broad range of tests to address the flaws in approval tests and, through consumer information, rewards those manufacturers whose vehicles go beyond the minimum requirements and offer excellent, robust, real-world performance.

We believe that consumers need to be adequately informed about the energy consumption and related greenhouse gas emissions of the vehicle of their choice.