

inepro and Tunkia sign strategic agreement to support MID-aligned verification of EV charging infrastructure across Europe

inepro, a Dutch technology company headquartered in Nieuw-Vennep, The Netherlands, and Tunkia, a Chinese manufacturer of high-precision measurement technology, announce the signing of a strategic agreement to jointly develop the European market for metrology-grade verification solutions for electric vehicle (EV) charging infrastructure. The agreement was signed by Mr. Jeroen Pynenburg, CEO of **inepro**, and Mr. Xinhua Zhou, CEO of Tunkia, establishing a long-term collaboration to support accurate, traceable, and repeatable verification of EVSE energy measurement in line with European regulatory and metrology requirements. The first joint project under this agreement will be the introduction of two portable metrology-grade verification instruments for CPOs, EVSE manufacturers, notified bodies, and other stakeholders.

Addressing measurement accuracy under MID

As EV charging increasingly involves transaction-based energy billing, compliance with the Measuring Instruments Directive (MID) and national metrology frameworks has become a key requirement for Charge Point Operators (CPOs), EVSE manufacturers, and public authorities. **inepro** and Tunkia's collaboration directly addresses the need for independent verification tools that validate charging accuracy under real-world conditions.

"The transition to regulated EV charging requires measurement systems that are not only accurate at commissioning, but remain stable over time," said Mr. Jeroen Pynenburg, CEO of **inepro**. "Our cooperation with Tunkia enables metrology-grade, on-site verification solutions that support MID-aligned conformity assessment, market surveillance, and lifecycle monitoring." Mr. Xinhua Zhou, CEO of Tunkia, added: "High-precision measurement is fundamental to legal metrology. Together with **inepro**, we are delivering portable verification instruments designed to meet the expectations of European metrology authorities, Notified Bodies, and regulatory stakeholders."

Metrology-grade verification performance

The joint solution delivers high-accuracy AC and DC energy measurement, suitable for verification against MID requirements and national implementations:

- AC and DC power measurement accuracy: $\pm 0.05\%$
- Verification capability against MID Class A limits ($\pm 1\%$)

The verification methodology supports traceability, repeatability, and documentation requirements commonly applied by Notified Bodies and National Metrology Authorities.

TE1000 and TE1100: Portable verification instruments

The flagship TE1000 and TE1100 are portable verification devices designed for field and production-level testing of EV charging stations. Their mobility enables:

- On-site verification of public charging points
- Factory acceptance testing and production quality control
- Support for market surveillance and periodic re-verification

The devices are intended for use by CPOs, EVSE manufacturers, Notified Bodies, National Metrology Authorities, and inspection bodies, providing a consistent technical basis for accuracy verification throughout the charger lifecycle.

Supporting regulatory confidence in EV charging

By combining **inepro**'s expertise in European compliance, certification, and testing processes with Tunkia's precision measurement technology, the partnership contributes to the development of a robust verification framework for EV charging infrastructure in Europe. The collaboration supports regulatory confidence, transparent billing, and consumer protection as EV charging continues to scale across the EU.

The TE1000 and TE1100 will make their debut at Smarter E in Munich, from 23 to 25 June. This marks a significant milestone for Tunkia and **inepro** Metering, who are now introducing this new generation of technology to Europe. Visitors are warmly invited to visit the **inepro** & Tunkia booth (B6.131) to experience the powerful, precise capabilities of these advanced portable test devices firsthand.

Note to editors

inepro Metering

inepro is a Dutch technology company based in Nieuw-Vennep, The Netherlands, specialising in measurement, verification, and certification solutions for energy and EV charging systems, with a strong focus on European regulatory compliance.

Tunkia

Tunkia is a Chinese technology company specialising in high-precision electrical measurement and testing technologies for EV and energy applications worldwide.

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For more information about Tunkia, please visit: tunkia.cn