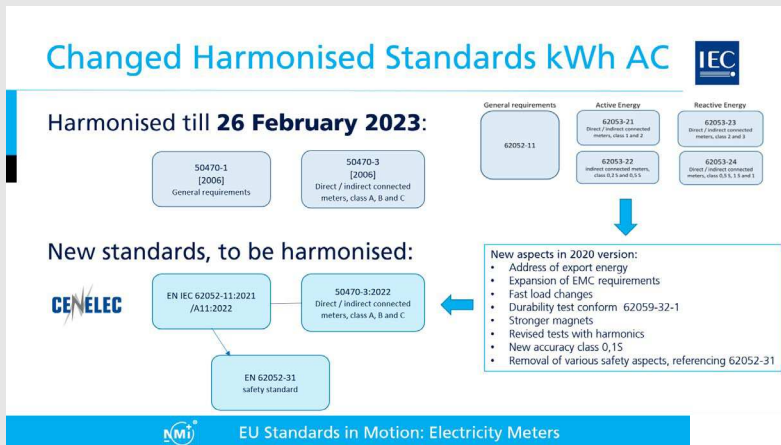
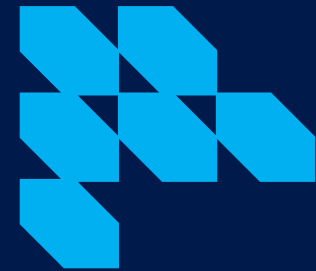


Withdrawal of EN 50470 Series of Harmonised Standards



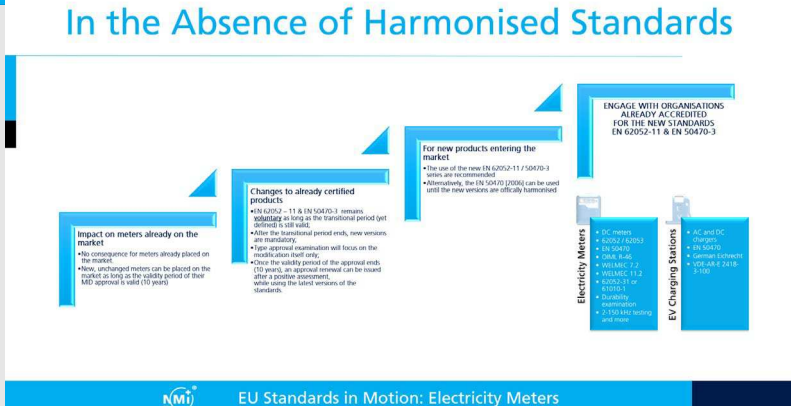
EU Standards in Motion: Electricity Meters



On 26 February 2023, the EN 50470 series of harmonised standards for electricity meters expired. **New CENELEC standards: EN 62052-11 & EN 50470-3** pending approval for use as harmonized standards. **NMI is already accredited for the new CENELEC Standards.**

In the absence of officially harmonised standards, electricity meter manufacturers are left in limbo.

- What is the impact for meters already on the market?
- How to apply standards during their transitional period in case changes are applied to an already certified product?



Developments for DC Meters



General requirements

62052-11
Edition 2

Particular requirements

62053-41
DC meters, class 0.5 and 1



General requirements

EN 62052-11
Edition 2

Active Energy

50470-4
DC meters



Can we use these standards to certify DC meters under the MID?



EU Standards in Motion: Electricity Meters

In addition to the use of MID to certify DC meters, several other relevant standards have recently been published or are under development. These changes will have a significant impact on manufacturers.

NMi issues MID approval for DC electricity meters.

The use of the MID for DC meters can be considered a breakthrough on the European level, also for the use in EV Charging Systems.

Other IEC Publications. . .

. . . and Long Term Developments

Publications:

- Prepayment standard 62055-31 – new edition published in 2022
- New standard multi-energy and multi-rate meters - IEC 62052-41:2022

Developments:

- Revision Safety standard IEC 62052-31 – publication expected in 2024
- New standard for Test equipment 62057-1 – publication expected in 2023
- Electricity digital revenue metering - IEC TS 62053-25 – new project team
- Taskforce for revision of IEC 62059-31-1:2008 for accelerated reliability testing



EU Standards in Motion: Electricity Meters

Understand what these changes mean
for electricity meter manufacturer

Access the *STANDARDS IN MOTION –
WITHDRAWAL OF EN 50470*
Webinar on demand

https://nmi.nl/portfolio_page/standards-in-motion-withdrawal-of-en-50470/

