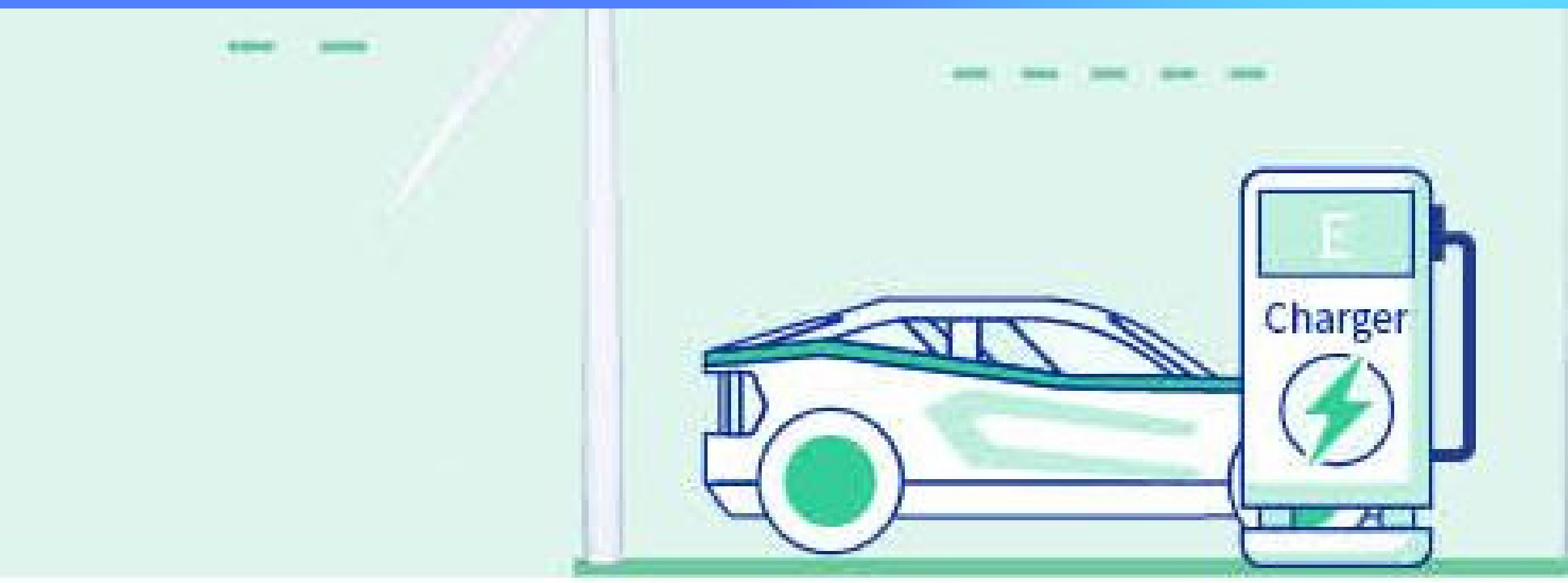
ELECTREX

the energy saving technology

swipe



EU will blanket highways every 60km with fast EV chargers by end of 2025

It will be a driver for the DC ENERGY monitoring solutions

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From 2025 onwards, fast recharging stations of at least 150kW for cars and vans need to be installed every 60 km along the EU's main transport corridors, the so-called 'trans-European transport (TEN-T) network'.

The new regulation was adopted by the EU Council in July 2023.

Discover more: Fit for 55 package

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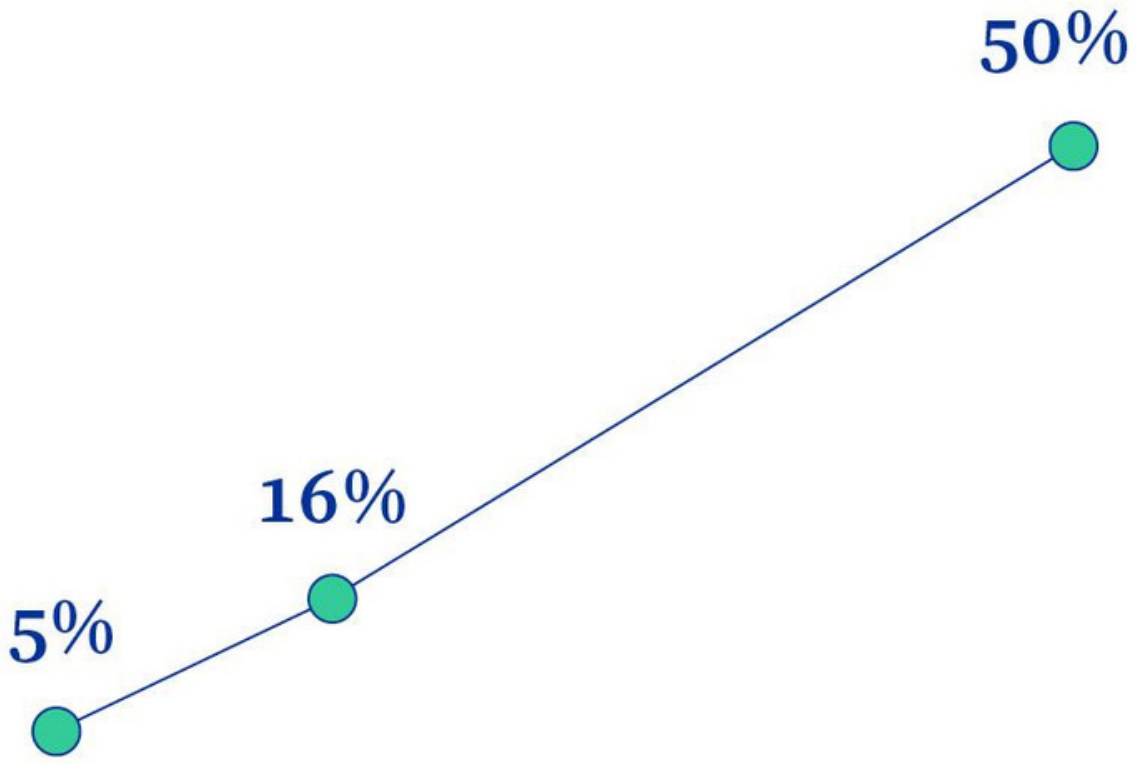
There are over

13.4 million

alternative fuel cars and vans in the EU.

It is estimated that the percentage
of all cars and vans in the EU
that run on alternative fuels
will grow tenfold by 2050.



Projection of EU car fleet

Recharging stations:

→ at least every 60 km on main roads (core TEN-T network)

60 km

by the end of 2025

by the end of 2030

→ every year, the total power output provided through recharging stations grows with the number of registered cars

→ at least two recharging points in each safe and secure parking area (end of 2027) and four by the end of 2030

→ recharging stations also in urban nodes

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DC energy monitoring devices are used to measure and track the flow of DC power in electric vehicle (EV) charging stations.

They are essential for ensuring the safety and reliability of EV charging infrastructure.

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The growth of the EV market is expected to drive demand for DC energy monitoring devices. As more EVs are on the road, there will be a need for more EV charging stations.

This will increase the need for DC energy monitoring devices to ensure the safe and reliable operation of these stations.

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Electrex is your partner for monitoring and controlling DC systems.

We have been manufacturing DC analyzers for more than 30 years, using Shunt resistance method and Open Loop Hall Effect current sensors.

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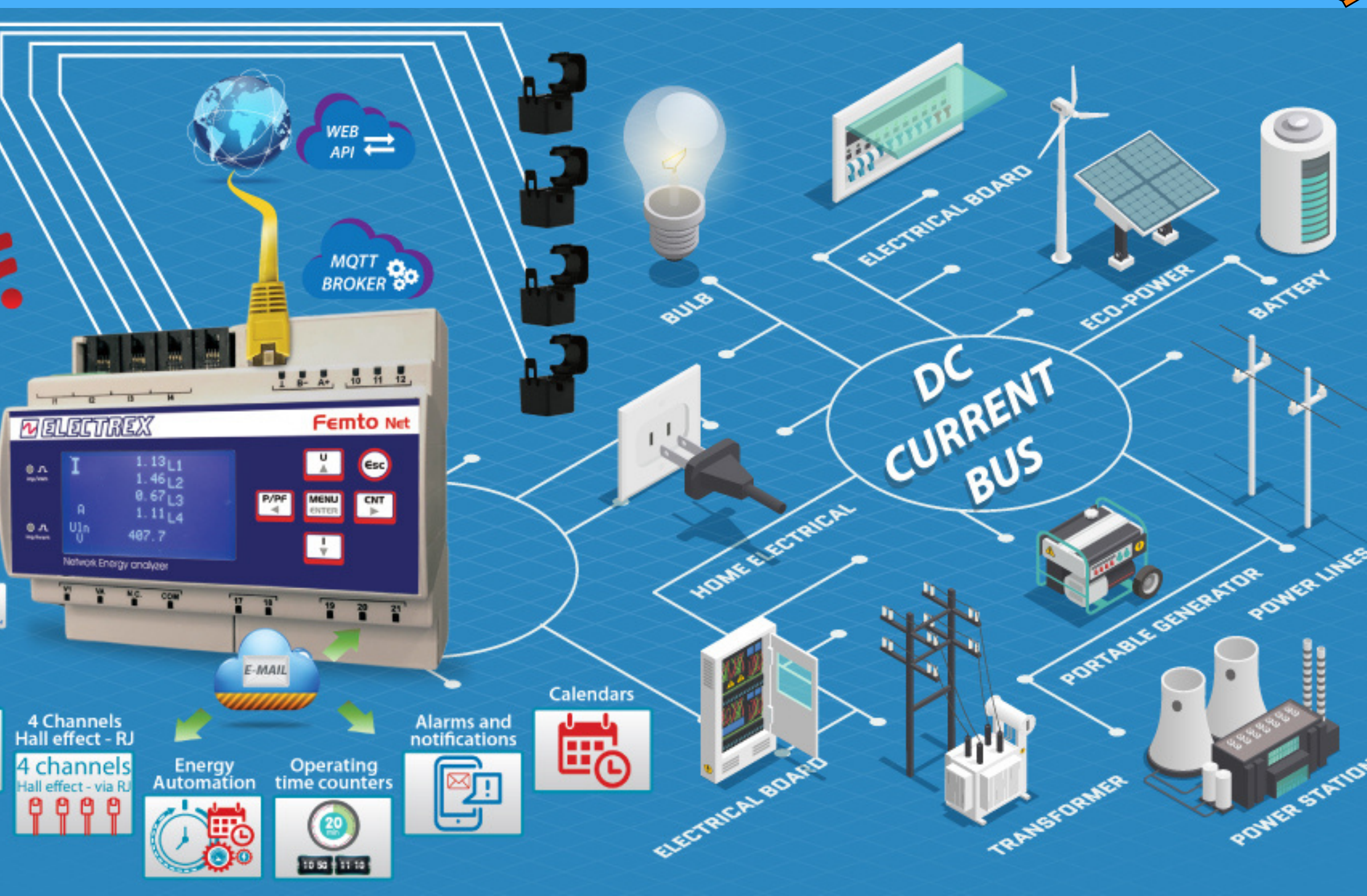

Our Femto 4Hall D6 is an DC Energy Analyzer & Web Data Manager with an embedded web server and multiple communication ports (Ethernet, Wi-Fi, RS485, ExpBus, NFC).

It is equipped with 4 current inputs allowing you to monitor multiple loads with a single device.

Being an ALL-IN-ONE type of device, in addition to the measurement function it also has gateway, datalogger and controller capabilities including an embedded PLC and capable of sending real-time email notifications.

Discover more here.

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