

From Market Shifts to Innovation

CATL' s Response to the Changing Battery Landscape and the Role of the Debrecen Plant

Matt Shen

General Manager, CATL Germany and Hungary

CATL

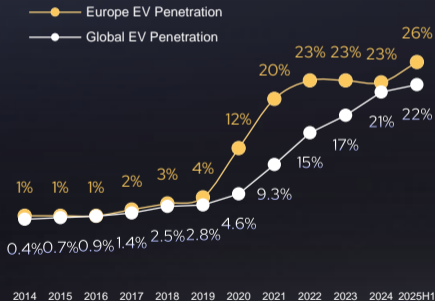
Would you Choose to Drive an Electric Car?



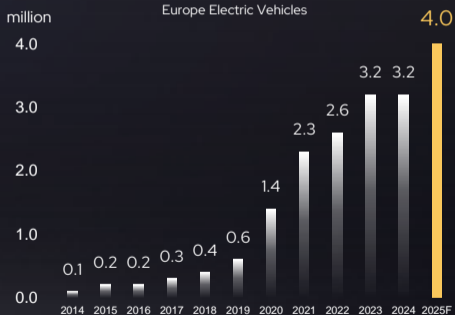
VIDEO

Global Market Trends in E-Mobility

EV Penetration



International Energy Agency (IEA) Forecast



*Data Resource: SNE and MarkLines

Global Leader in Innovative New Energy Technologies

VISION

Developing cutting-edge technology and implementing it through open cooperations, sustainable practices, and a unified global ecosystem.

MISSION

Provide premier solutions and services to promote global transition to renewable energies and sustainable mobility.

Development in Three Directions

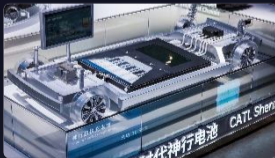
Replacing stationary fossil energy

Renewable energy generation + energy storage



Replacing mobile fossil energy

EV batteries



Industrialization of market applications

Electrification + intelligization



Providing Best in Class Products Worldwide

20 million+

Electric Vehicles Worldwide
Powered by CATL Batteries

37.9%

Market share in the Electric
Vehicle Battery Market

200+

OEM Collaborations

Relentless Innovation is Our Key Driver

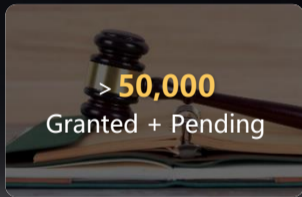
R&D Investment



R&D Talent



R&D Patents



Carbon-Neutrality Plans

CATL's Carbon Neutrality Strategy



2025

Core Operation
Carbon
Neutrality



2035

Supply Chain
Carbon
Neutrality



Zero-carbon
Factory



Battery
Passport



Circular Recycling
System

In Europe, from Europe, of Europe

Building an Ecosystem

Educational Institution

Battery Material

Local Community

Policy Maker

OEM

Recycler

Battery Maker

Tailored for Europe

A seven-years evolution of No Propagation (NP) safety innovations



CATL Shenxing Pro Super Long Life & Long Range Battery

122kWh 758km WLTP

15min 10%-80%SOC

12 Years 1 Million km

CATL Shenxing Pro Super-Fast Charging Battery

110kWh 683km WLTP

25°C 10min 10%-80%SOC
-20°C 20min 20%-80%SOC

10 Years 240K km

No Propagation 3.0

VENICE

BUDAPEST

*Pack Design Based on Class E Vehicle Wheelbase / Energy Consumption Referencing Model Y

CATL Debrecen - A Strategic Manufacturing Base in Europe

- Meeting the growing European battery demand, strengthening CATL's global network, and supporting Europe's energy transition
- Production tailored to customer needs, with operations aligned to client orders



Status of the Debrecen Investment

CATL

- CATL Debrecen is progressing according to schedule.
- Module assembly started in September 2024.
- Installation of the production lines are underway in our cell factory, test production will start soon.
- Greening and tree planting near the cell factory will start within this month.



CATL as a Good Neighbour

CATL



Earning trust begins with genuine local engagement.

WE GROW TOGETHER WITH DEBRECEN

**We believe that Debrecen and CATL will grow together,
and that our shared journey will shape the next chapter of
Europe' s electrification of transport.**

THANK YOU FOR YOUR ATTENTION!

VIDEO