

Open market with open protocols for charging infrastructure

This is how the Netherlands is preparing to charge 1.9 million electric passenger vehicles in 2030

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Open market



Facilitates competition



Supports connections between various systems (interoperability)



Facilitates easy market access for companies



Supports access to each other's charge point networks



Applies widely supported, neutral and patent free protocols

Open services

Success factors of the Dutch open market

High-end infrastructure

Proactive and transparent policies

(Public) private collaboration

Healthy competition



+ EV driver
Freedom of choice and low tariff

+ Government
Reaching climate goals efficiently

+ Market parties
Easy market access, lower costs, scaling up of services

Preconditions

- Physical safety and data security
- Privacy
- Transparency
- Quality of information
- Smart charging
- EV driver-centric



Open protocols

Monitoring reports

- Charge point occupancy rates
- Charge session data

Charge session information

- Vehicle charging progress
- User authorisation
- Financial transaction

Charge point information

- Location data
- Availability
- Tariff