

# 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