







E.ON Czech _ STRATEGIC PROJECTS & TECHNICAL DEVELOPMENT

Elektromobilita v pojetí E.ON a projekt přeshraniční sítě rychlonabíjecích stanic

E.ON eMobility and cross-border project of fast-charging infrastructure

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SMART MOBILITY _ REASONING







CNG already established business in the Czech Republic with focus on sale of commodity E-Mobility is taken as an important part of our marketing strategy and supporting E.ON Czech USP



SMART MOBILITY _ NAP EXPECTED PLAN FOR CM*)

- EV endurance 150-200 km/charge (today 100-120 km/charging)
- Charging Stations (CHS) in municipalities with > 100T inhabitants
- 1 300 CHS (500 DC and 800 AC charging points)
- Temporary Measures Applied
- Clear responsibilities of the business model and the role of market players
 SHC
- CNG Consumer tax will be remained / 50T CNG cars
- 300 CNG stations (200 public/100 non-public)
 - EV endurance over 200 km/charge
 - Charging Hubs in municipalities with > 10T inhabitants
 - Annual sales 25T EVs / 35T EVs BEV and 66T PHEV in operation
 - Implementation of dynamic tariffs for charging
 - CNG consumption tax will be remained until 2025 (depending on target 10% of CNG on car market)
 - 200T CNG cars / **500** CNG stations (340 public/160 nonpublic



• Charging Hubs available in the same scale as petrol stations

R 2030

- E-Mobility/CNG standard technology
- 400T EVs in operation / 300T CNG cars in 2040

⁽⁾Clean Mobility

eMobility _ two streams



MARKETING

Public awareness of eMobility and E.ON brand

CHARGING STATIONS

Building and operation of charging E.ON net



eMobility _ showcase

BRNOAIRPORT[•]

Show case e-mobility at Airport Brno

- The cooperation with the airport Brno was launched in 2011 (opening of a public charging stations)
- Press conference at Airport Brno opened of show case in 20
 - E.ON advertising on boarding pass
 - Rolls up, billboards, flyers, CLV's
 - advertising on carousels
 - long-term lending following vehicles:
 - 1 x smart, 1 x Vito E-cell, 2 x e-scooter E.ON e-max





The value of provided advertising and marketing space fully covers

our costs incurred with lending the fleet of e-vehicles



eMobility _ ebikes/escooters renting



Pasohlávky & Vranov Verence ve

eon

CUSTOMERS discount 10 – 30 %







CHARGING IS FOR FREE

eMobility _ ecar fleet

Smart ed (se) – (7x)



Technical specification

- Top speed: 100 km/h
- Engine: 55 kW
- Driving distance: 130 km
- Batteries: 18 kWh

VW e-UP! (7x)



Technical specification

- Top speed: 130 km/h
- Engine: 60 kW
- Driving distance: 160 km
- Batteries: 19kWh

Vito E-Cell (1x)



Technical specification

- Top speed: 80 km/h
- Engine: 60 kW
- Driving distance: 130 km
- Batteries: 36 kWh

VW GOLF-e (1x)



Technical specification

- Top speed: 135 km/h
- Engine: 85 kW
- Driving distance: 150 km
- Batteries: 27 kWh

BMW i3 (1x)



Technical specification

- Top speed: 150 km/h
- Engine: 125 kW
- Driving distance: 200 km
- Batteries: 22 kWh

TESLA Model S (1x)



Technical specification

- Top speed: 200 km/h
- Engine: 270 kW
- Driving distance: 400 km
- Batteries: 85 kWh

eMobility _ charging infrustructure



GOAL IS TO EXTEND CURRENT CHARGING INFRUSTRUCTURE





*) EVs – electricity vehicles

eMobility _ cross-border project



FAST CHARGING STUDY EUROPE

BUILDING UP TO 278 FAST-CHARGING STATIONS FOR ELECTRIC CARS IN

BELGIUM GERMANY CZECH REPUBLIC **SLOVAKIA**

PROJECT PARTNERS















Co-financed by the European Union **Connecting Europe Facility**

emobility _ fast charging in cz / sk



FAST CHARGING STUDY EUROPE



- Isolated islands
- Long distance travel is not possible
- Distance between islands is too far for EV driving



- Pilot corridors
- Long distance travel possible
- Data collection to analyse change of consumer behaviour





- Estimated network deployment by 2030
- E.ON contribution to NAP Clean Mobility of the Czech Republic





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Connecting Europe Facility



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FAST-E**

FAST CHARGING STUDY EUROPE



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eMobility _ fast-e contact



FAST CHARGING STUDY EUROPE

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BELGIUM

SLOVAKIA

CZECH REPUBLIC