



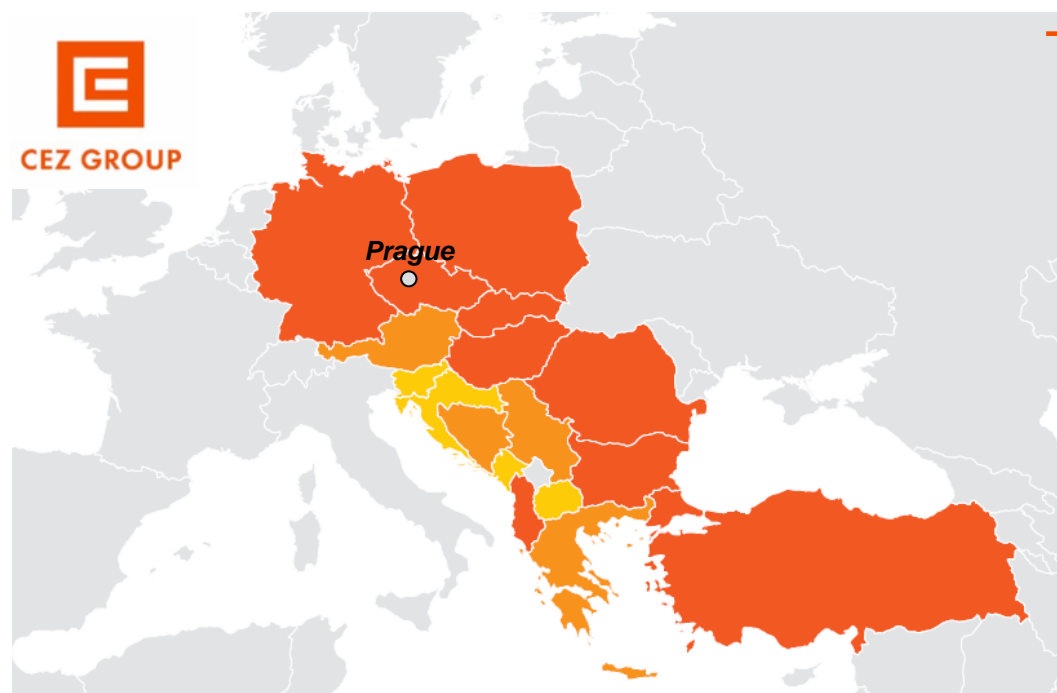
CEZ E-MOBILITY PROJECT: GETTING READY FOR NEW OPPORTUNITIES

TOMAS KNESPL, MSc.
MAY 2014

CEZ GROUP IS A LEADING ENERGY UTILITY IN CENTRAL AND EASTERN EUROPE



CEZ GROUP'S KEY MARKETS



COMMENTS

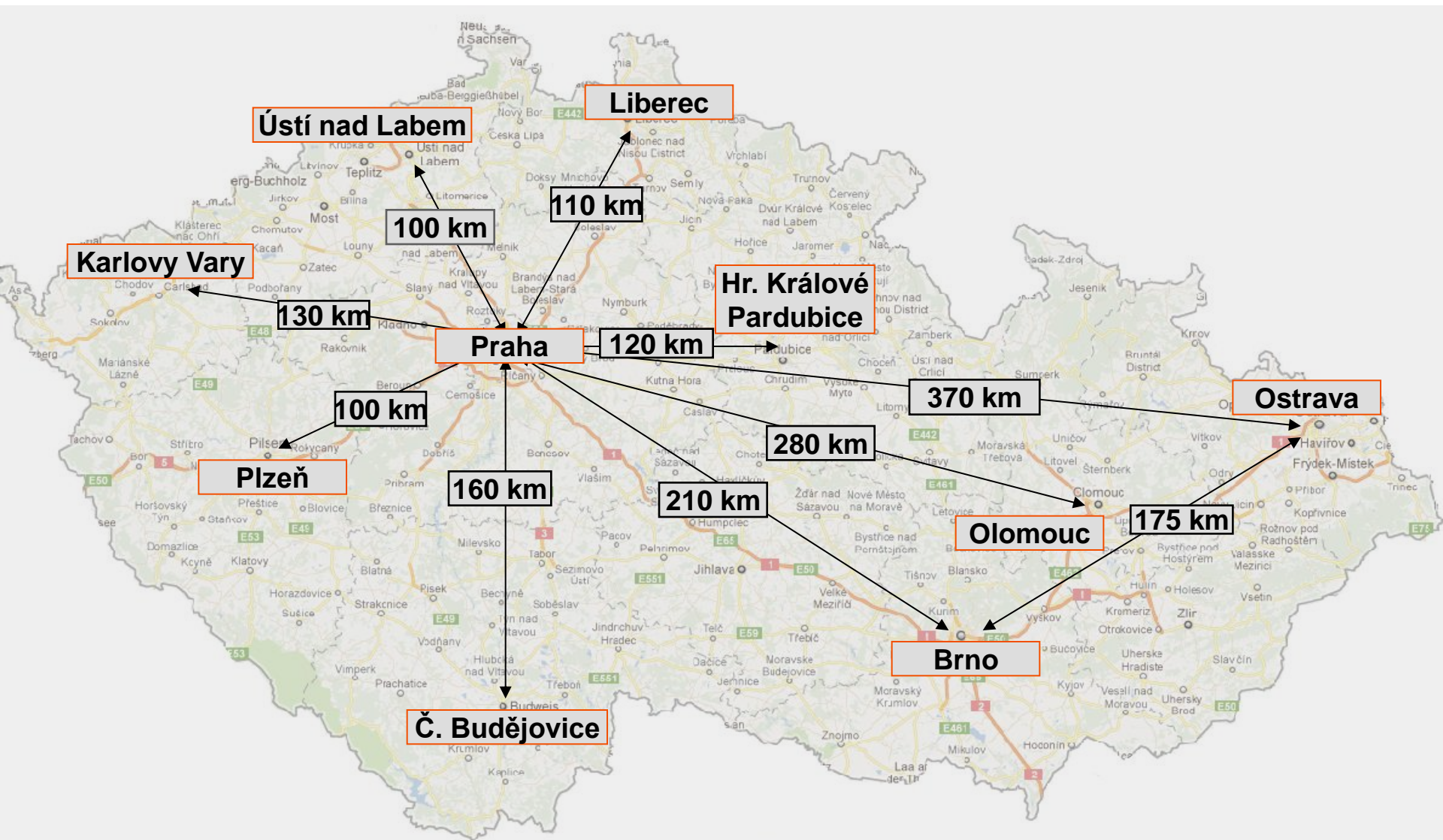
- 7th European power utility by number of customers and market capitalization
- One of the most profitable utilities in Europe
- Strong profit growth over the past years
- 75% market share in the Czech Republic (power generation)
- FUTUR/E/MOTION - strategic vision for 2020 focusing on green energy and sustainability (E-mobility is one of its key pillars)

CEZ E-MOBILITY IS ONE OF THE LARGEST EV PROJECTS IN THE CEE REGION



- **>35 public charging stations.** Goal: 100+ by 2015
- **40 EVs in fleet – largest EV fleet in CZ** with almost 1 000 000 km driven
- **Partnership with 8 leading OEMs** and further in discussion
- **>50 partners of the project** including ministries, municipalities and leading commercial companies

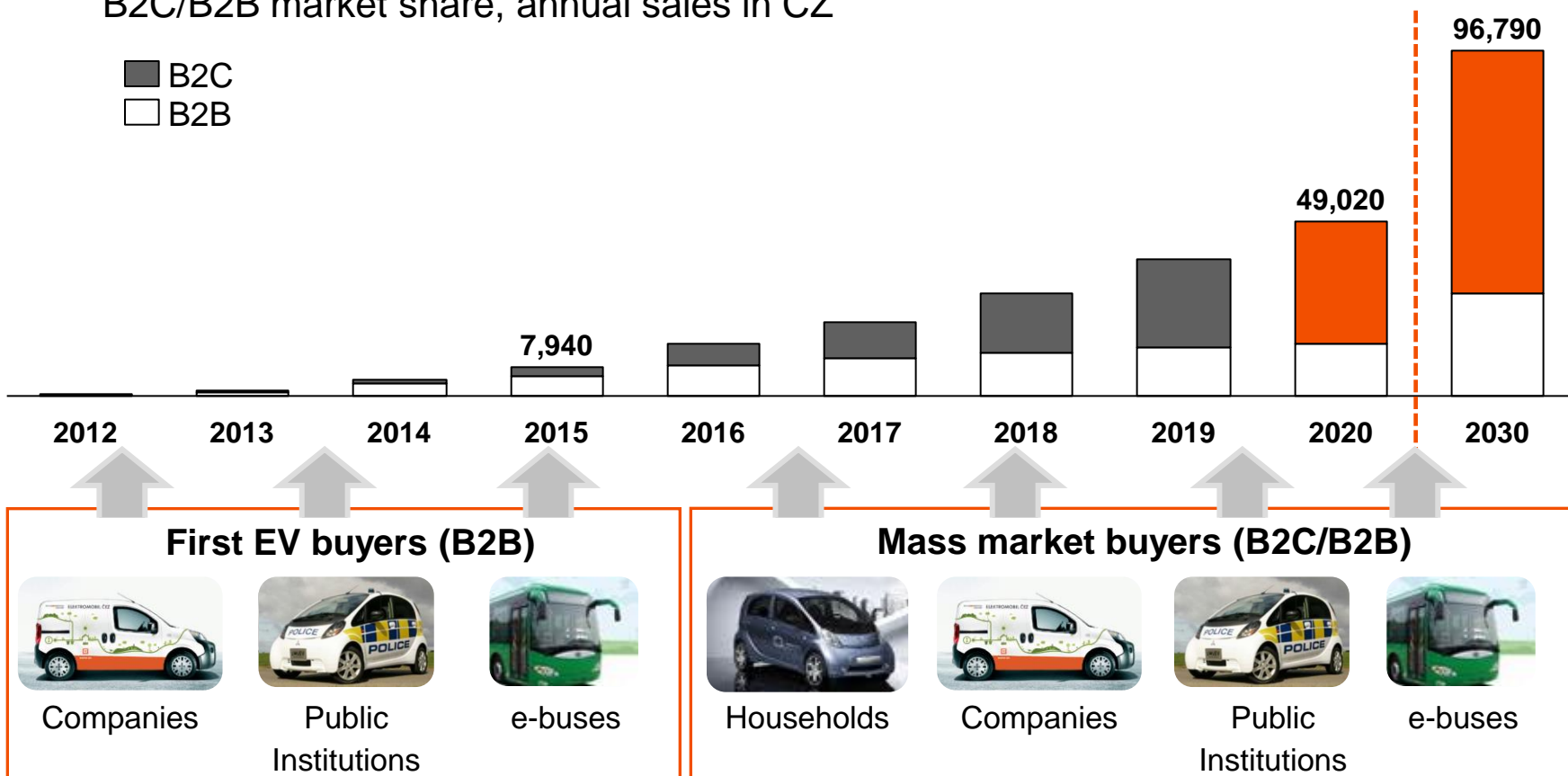
CZECH REPUBLIC IS A COUNTRY WITH CONVENIENT CONDITIONS FOR E-MOBILITY



STRONG GROWTH OF EV SALES EXPECTED STARTING 2015



B2C/B2B market share, annual sales in CZ



Source: ČEZ, Roland Berger

NEW EV MODELS ARE ENTERING THE MARKET



2011 - 2012



PSA / Mitsubishi



Tesla Roadster



Opel Ampera



MB e-Vito



Smart ED

2013



Nissan LEAF



Tesla Model S

2014



VW e-Golf



BMW i3/i8



VW e-up/ Citigo



Peugeot Partner

2015



Renault ZOE



Ford Focus E



Renault Kangoo E



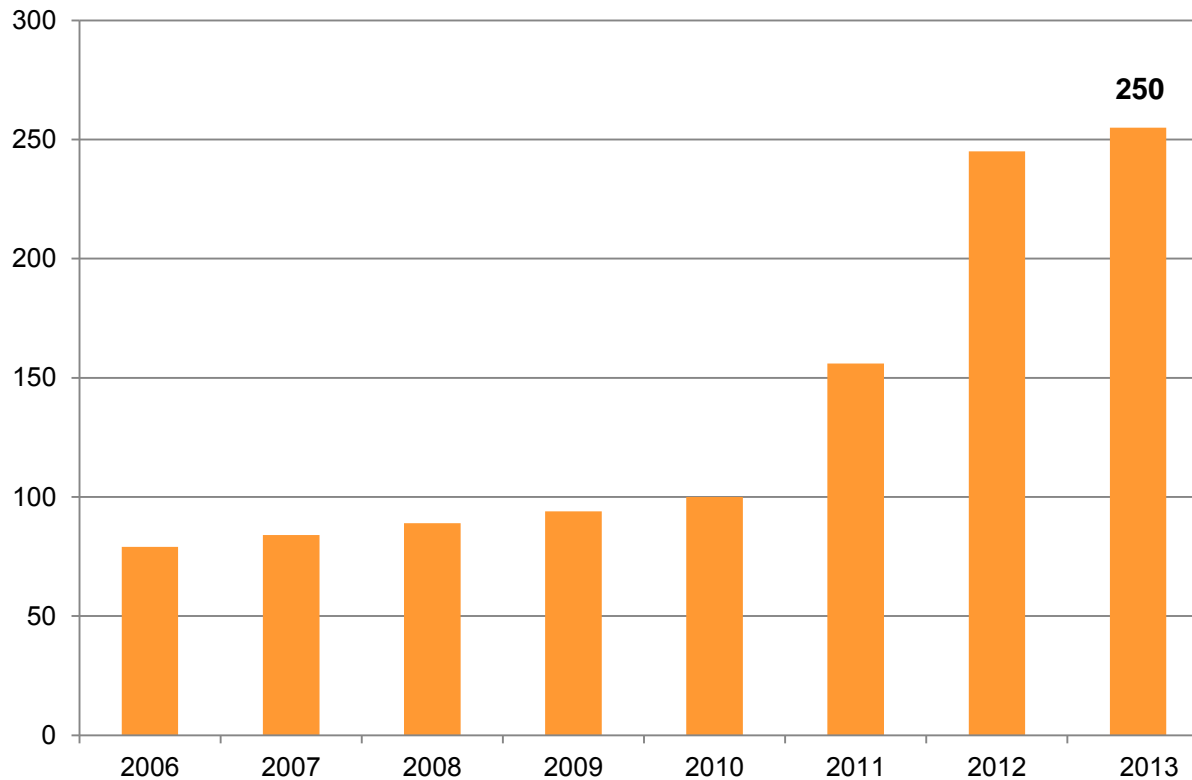
Renault Fluence E

SALES OF EVS ARE GROWING, NUMBERS ARE STILL VERY LOW THOUGH...



- Cumulated EV fleet in CZ is expanding significantly, # of EVs more than doubled in 2 years
- Despite of the strong growth, total number is still low at ~ 250 EVs
- Important users of EVs are energy utilities with almost 30% of the total EV fleet

Cumulated EV fleet in the Czech Republic

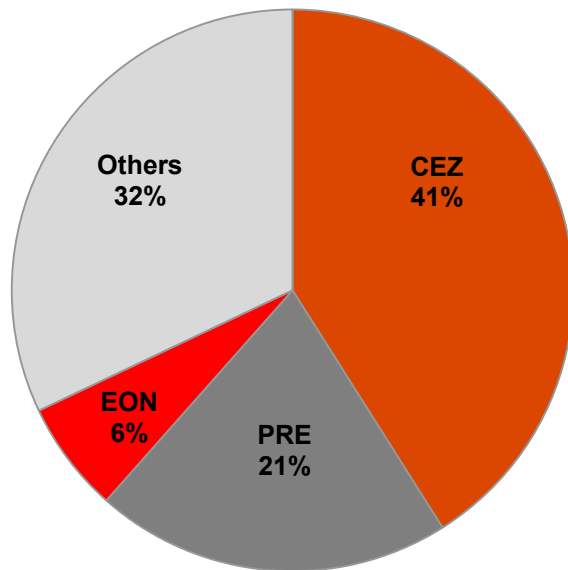


NUMBER OF CHARGERS IN CZ INCREASING AS WELL, BACKBONE COVERAGE NOT IN PLACE

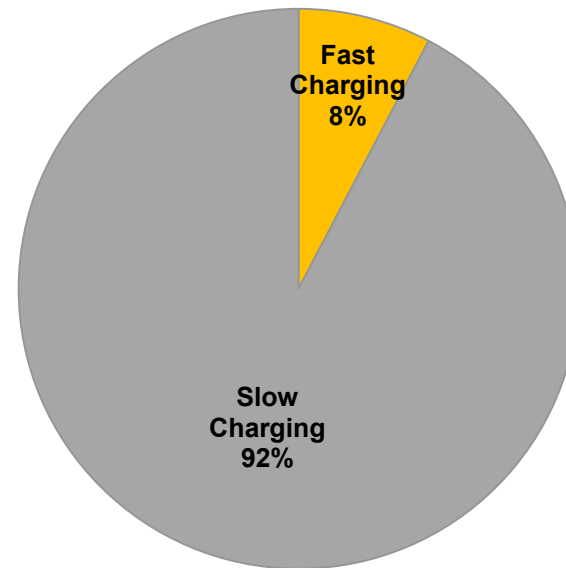


- There are ~ 80 professional public charging stations in the Czech Republic
- Most of these chargers are operated by major utilities
- More than 90% of all chargers are slow chargers

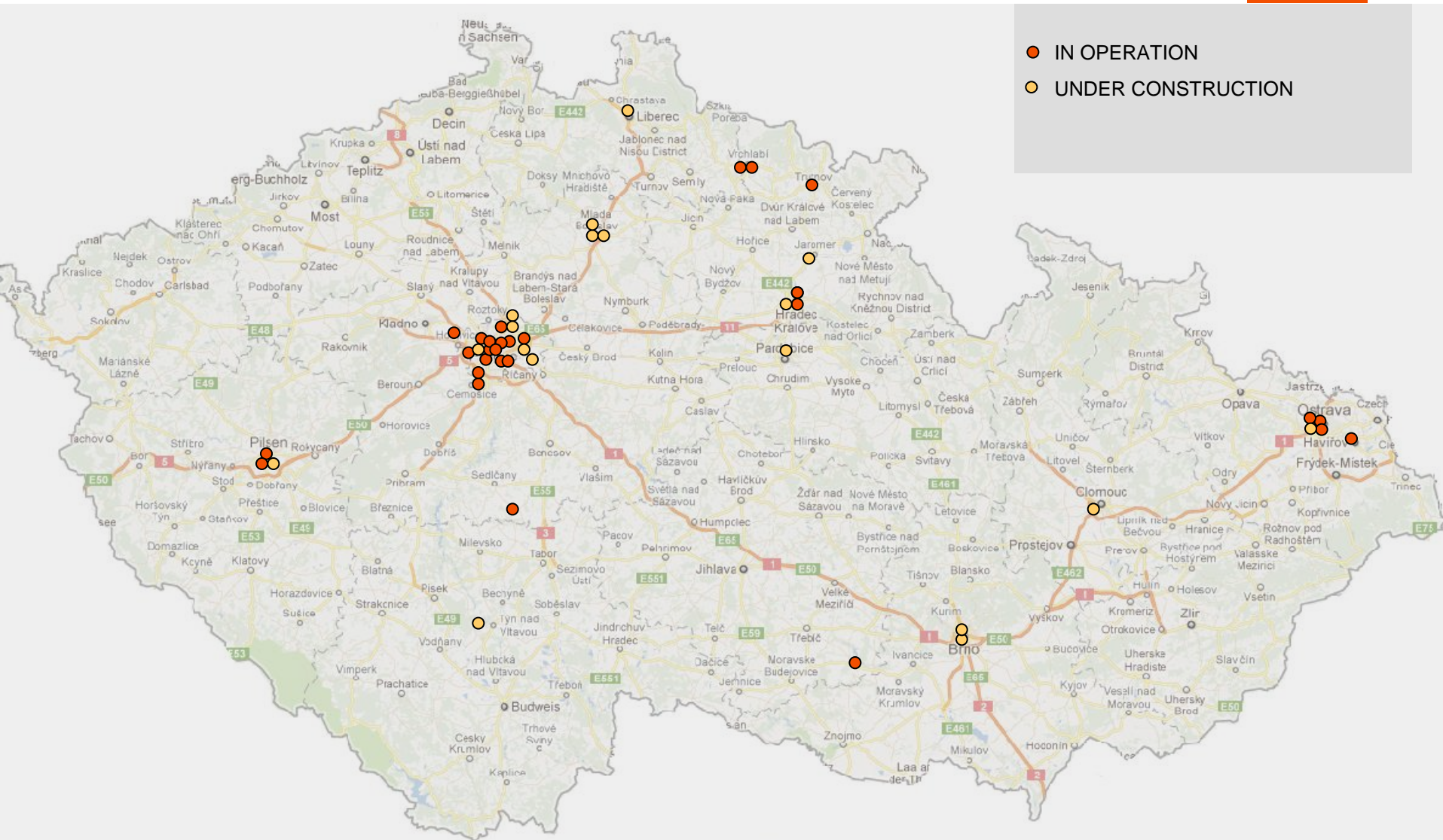
Operators of public Charging stations



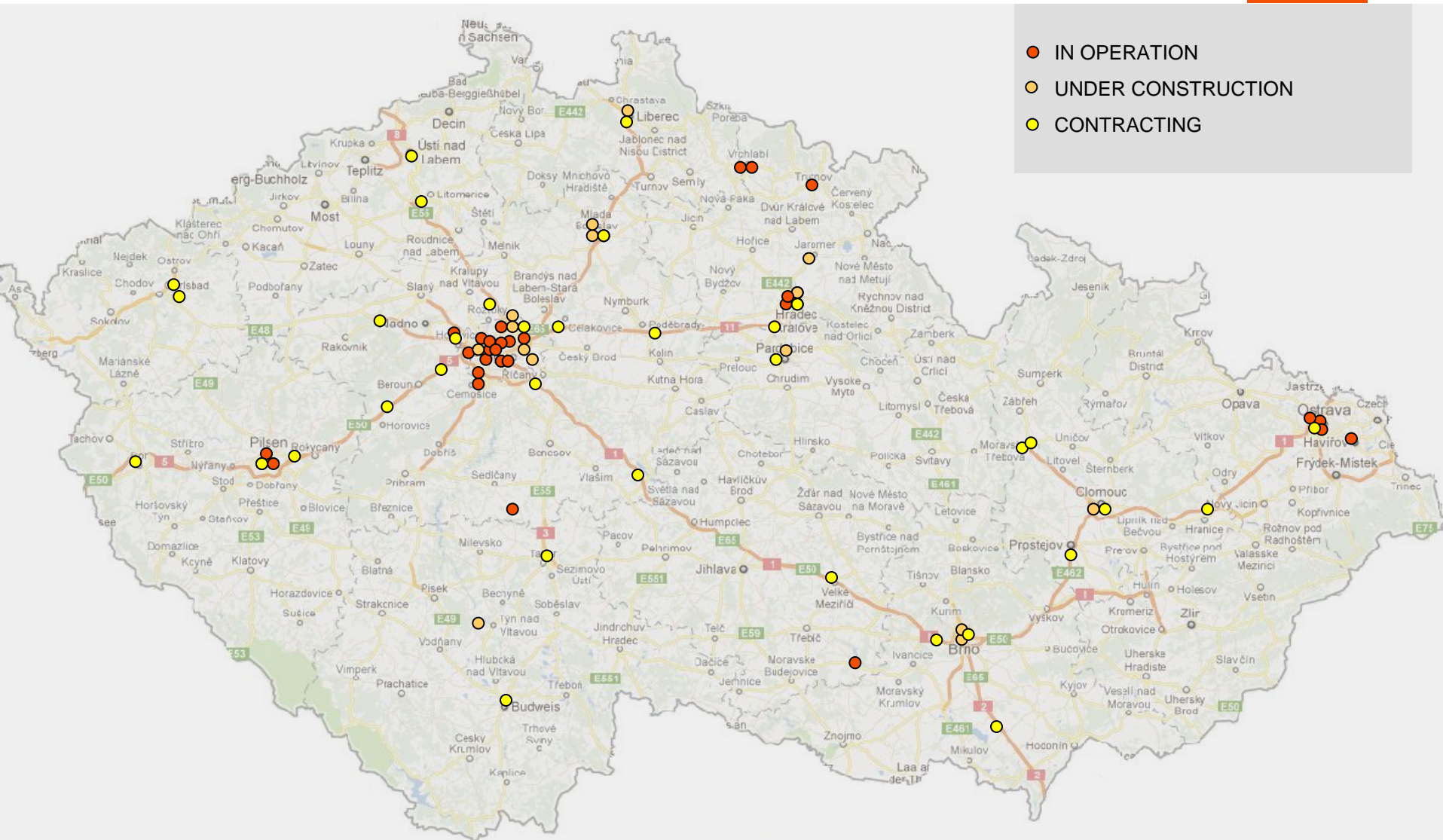
Fast vs. slow charging



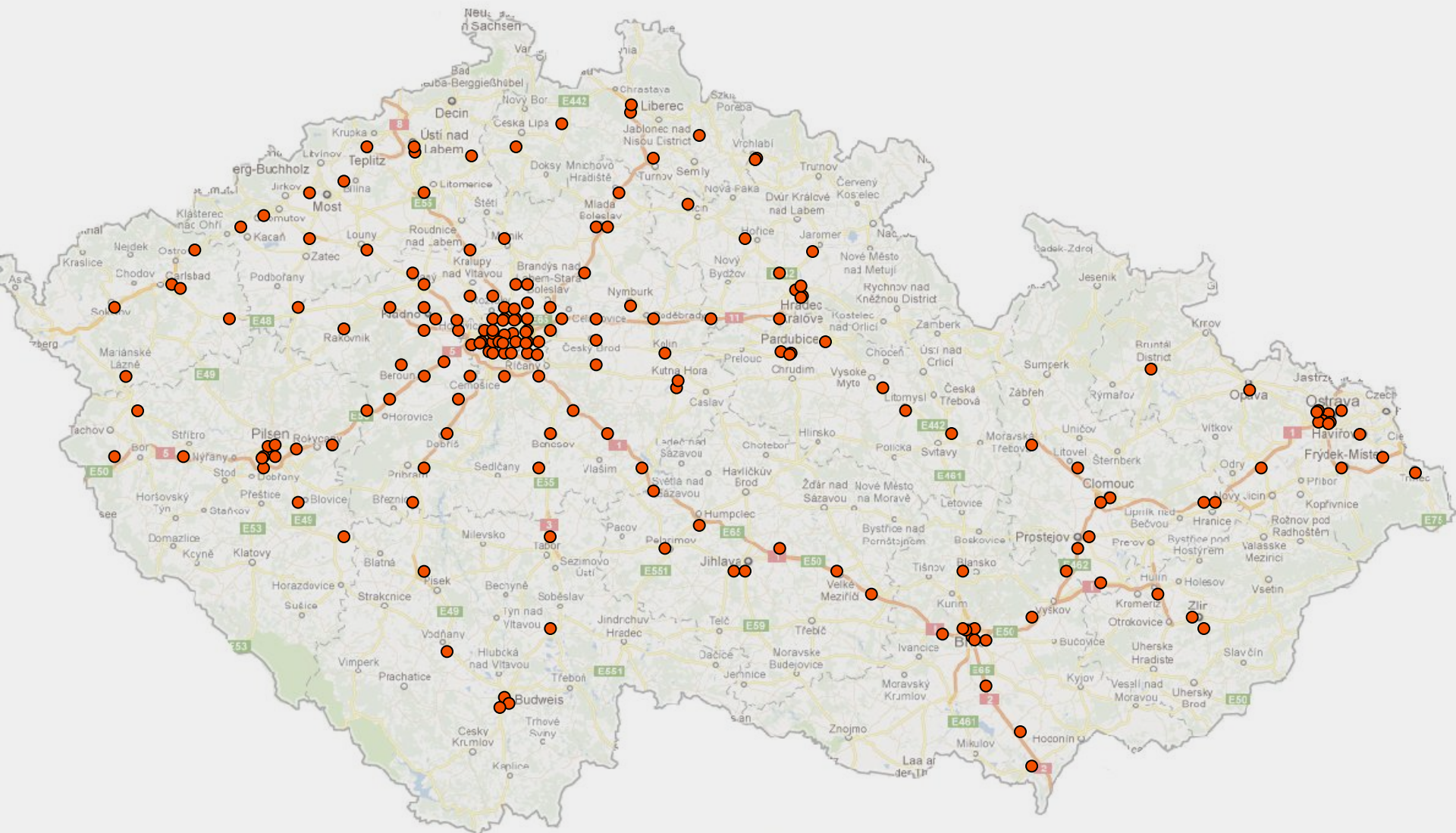
APRIL 2014: 35 PUBLIC CHARGERS IN OPERATION; 25 UNDER CONSTRUCTION



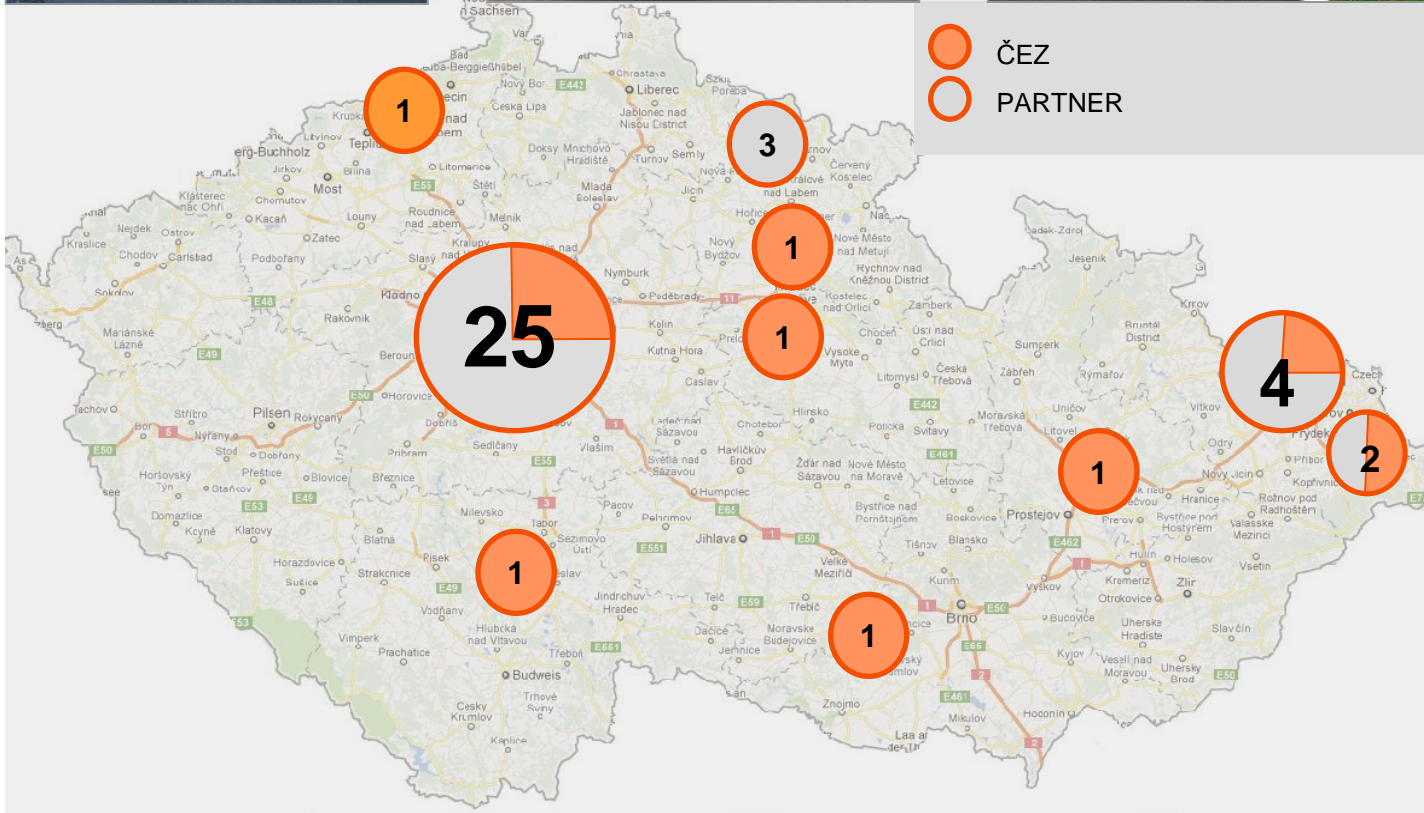
2015: CEZ FAST CHARGER EVERY 50-60 KM



BY 2020 HUNDREDS OF FAST CHARGERS THROUGHOUT THE COUNTRY



IN TOTAL CEZ AND PARTNERS OPERATE 40 EVS



THANK YOU FOR YOUR ATTENTION...Q & A



Elektromobilita Připojte se k nám Naši partneři Dobíjecí stanice

Vyzkoušejte jízdu!

Vyberte si auto a jedte se projet. Sledujte, jaké rozdíly mezi nimi jsou.

<< automobil elektromobil >>

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Zajímá Vás

Co je to elektromobil?

Odpověď: Elektromobil je vůz poháněný elektrickým motorem, který se napájí energií z dobíjecích baterií. Chemická energie baterií se transformuje na mechanickou energii, která se pak používá v pohonu automobilu. Při jízdě po silnici elektromobil neprodukuje CO₂, ani jiné emise.

Připojte se

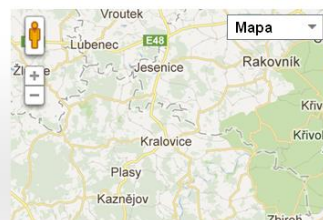
Facebook

Zlepšení životního prostředí je v rukou nás všech. Vyjádřete svou podporu elektromobilismu!

Světový rekord
v jízdě na elektrickém skútru



Nejnovější stanice



WWW.ELEKTROMOBILITA.CZ