

Czech Electric Vehicles Industry Association

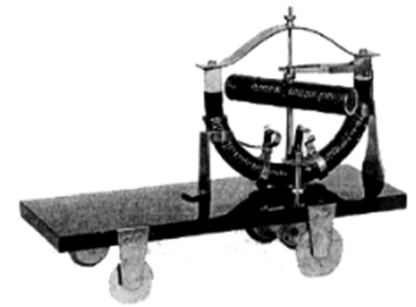
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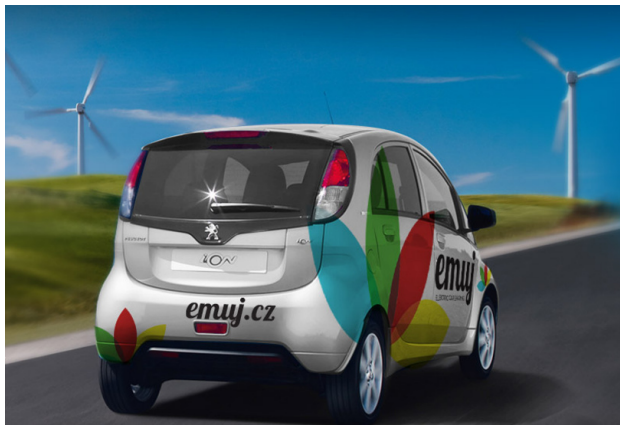
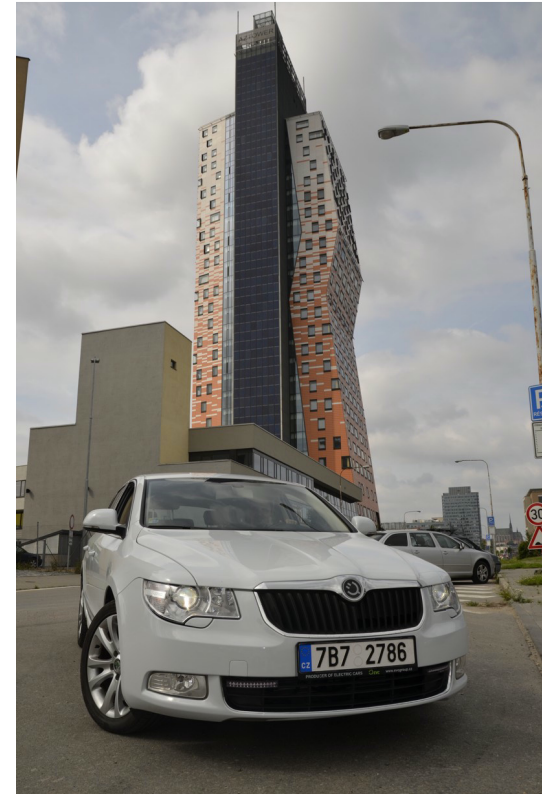
EV History in Czech Republic

- 1828: 1st EV model 1828 Štefan Anián Jedlík - Zemné u Nové Zámky
- 1895: 1st linear power regulated electric car by Czech inventor František Křižík
- 1968: 1st mini electric city car EMA – 80km
- 1990: 1st serial produced electric car Škoda ELTRA



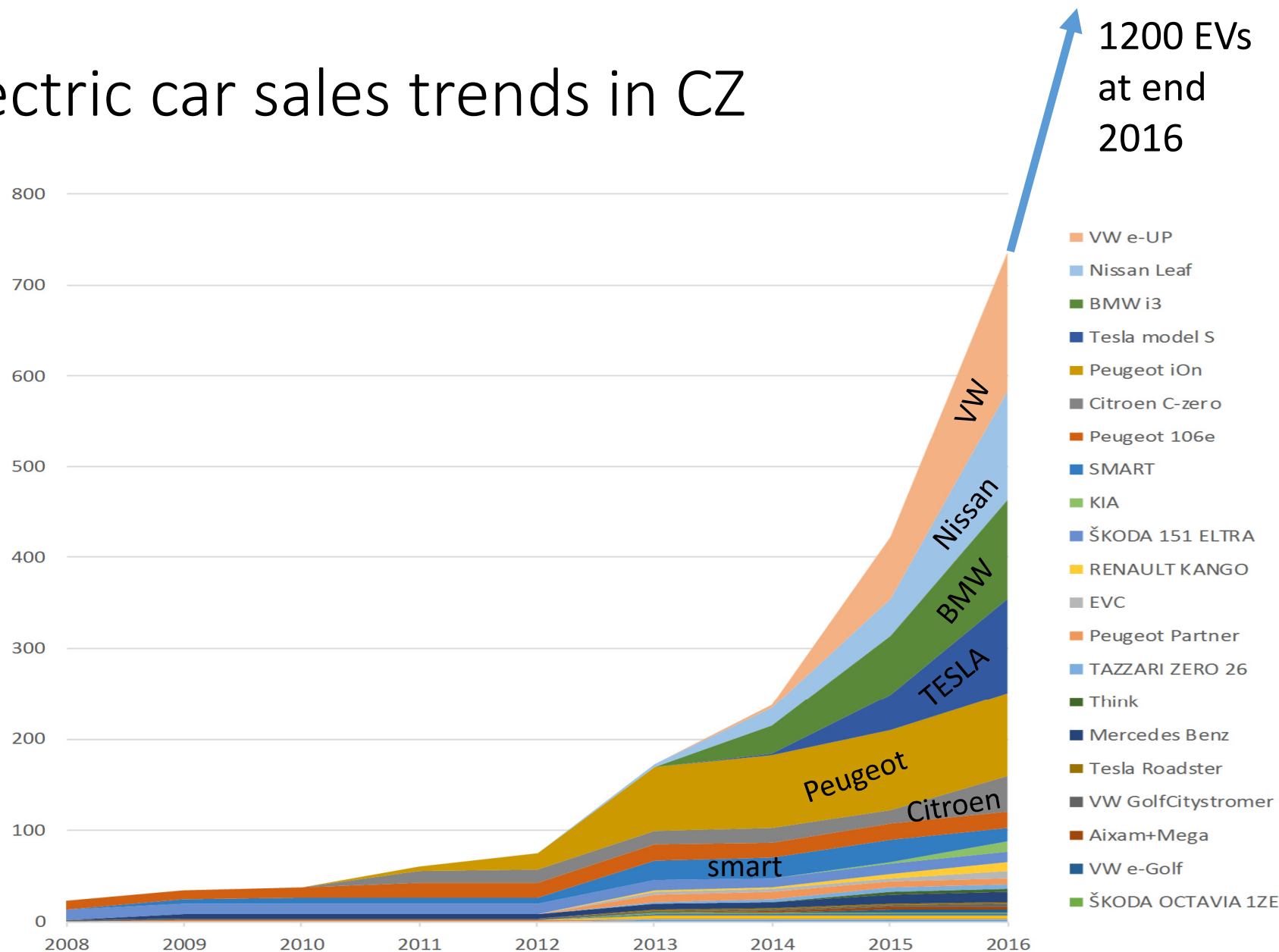
EV now in Czech Republic

- **2008 VUT SUPER EL: 1st Czech electric car with range over 220km, battery LiFeYPO₄ 36kWh based on SKODA SUPERB II platform on Brno University of Technology and Czech company EVC**
- **2010 GreenWay: 1st Czech electric van with battery swap network (in Slovakia) – range 200km**
- **2014 EMUJ: 1st Czech electric carsharing in Brno**

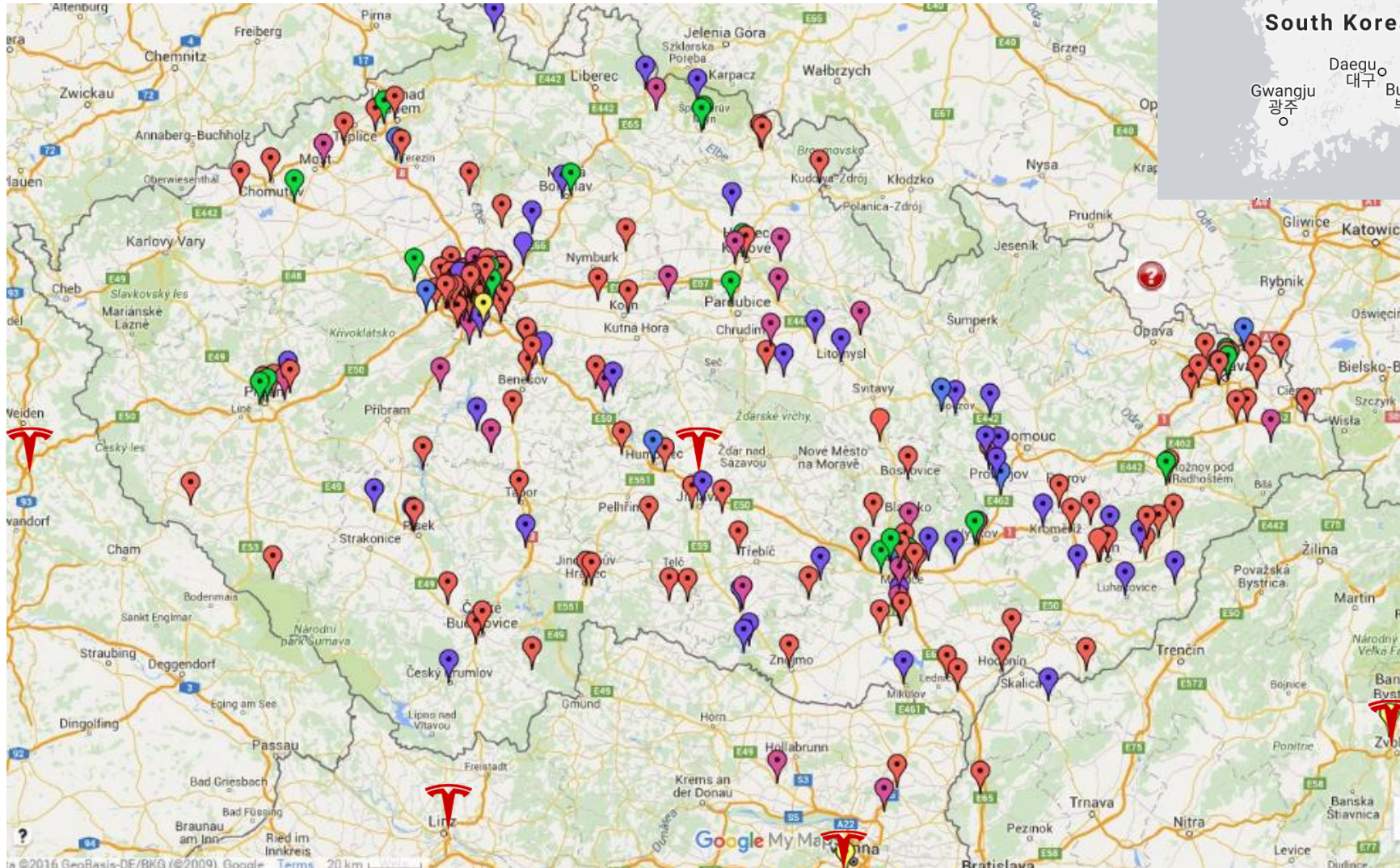


Personal electric car sales trends in CZ

+75% per each
last 4 years



Public charging infrastructure on map



30 DC CHAdeMO
20 DC Combo 2
100 AC 22kW

1st. Tesla Supercharging Humpolec – E.ON

1,3 MW total maximum charging power



Czech LiS battery – future of Electromobility

- New patent Brno University of Technology for LithiumSulfur battery
- First sulfur battery with more than 500 cycles – first 150 cycles capacity grows.
- Energy density 4 times more than li-ion battery – 920 Wh/kg
- Tesla model S with this battery prototype 300kWh with range 1600km per charge
- Sulfur is very cheap and safe material which do not burn
- We are looking for investors

