

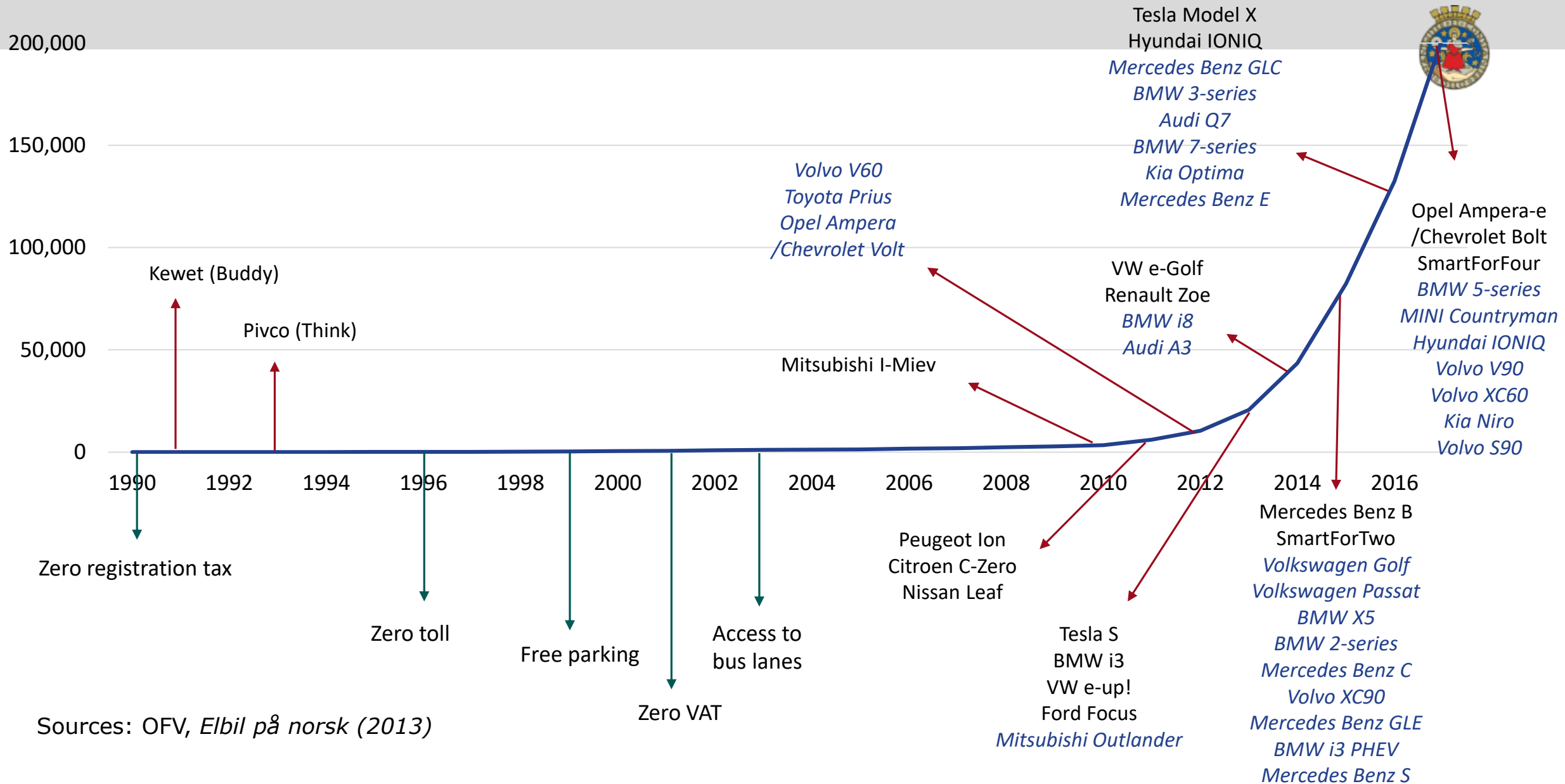


Oslo kommune

Oslo: The Electric Vehicle Capital

Morten Høglund, Ambassador to ASEAN

31 October, 2019



Sources: OFV, *Elbil på norsk (2013)*

POLICY DEVELOPMENT

CARS FOR SALE

State incentives – Cheap to buy



Examples:

Volkswagen e-Golf 115hp



Volkswagen Golf 1,2 TSI 110hp Comfortline



Volvo XC60 T6 Momentum R-design aut (3000 ccm, gasoline)



Price before taxes:	33 200 USD
Registration tax:	0 USD
Value added tax:	0 USD
Price including taxes:	33 200 USD

24 000 USD
7 600 USD
6 000 USD
37 600 USD

43 600 USD
73 800 USD
10 900 USD
128 300 USD

City incentives: Cheap to use



- **Free/low fares on toll roads (1997/2019)**
In Oslo € 3,5 – 8, National roads and tunnels up to € 25.
- **Free parking (1999)**
€ 4 – 6 per hour
- **Access to use bus and taxi lanes (2003)**
Saves 30 min -1 hour per day
- **Large public charging network (from 2008)**
Easy to charge, even if you don't own a garage.
Free charging until 2019
- **Support for private chargers (from 2017)**
Application based support scheme, incentivizes smart charging infrastructure



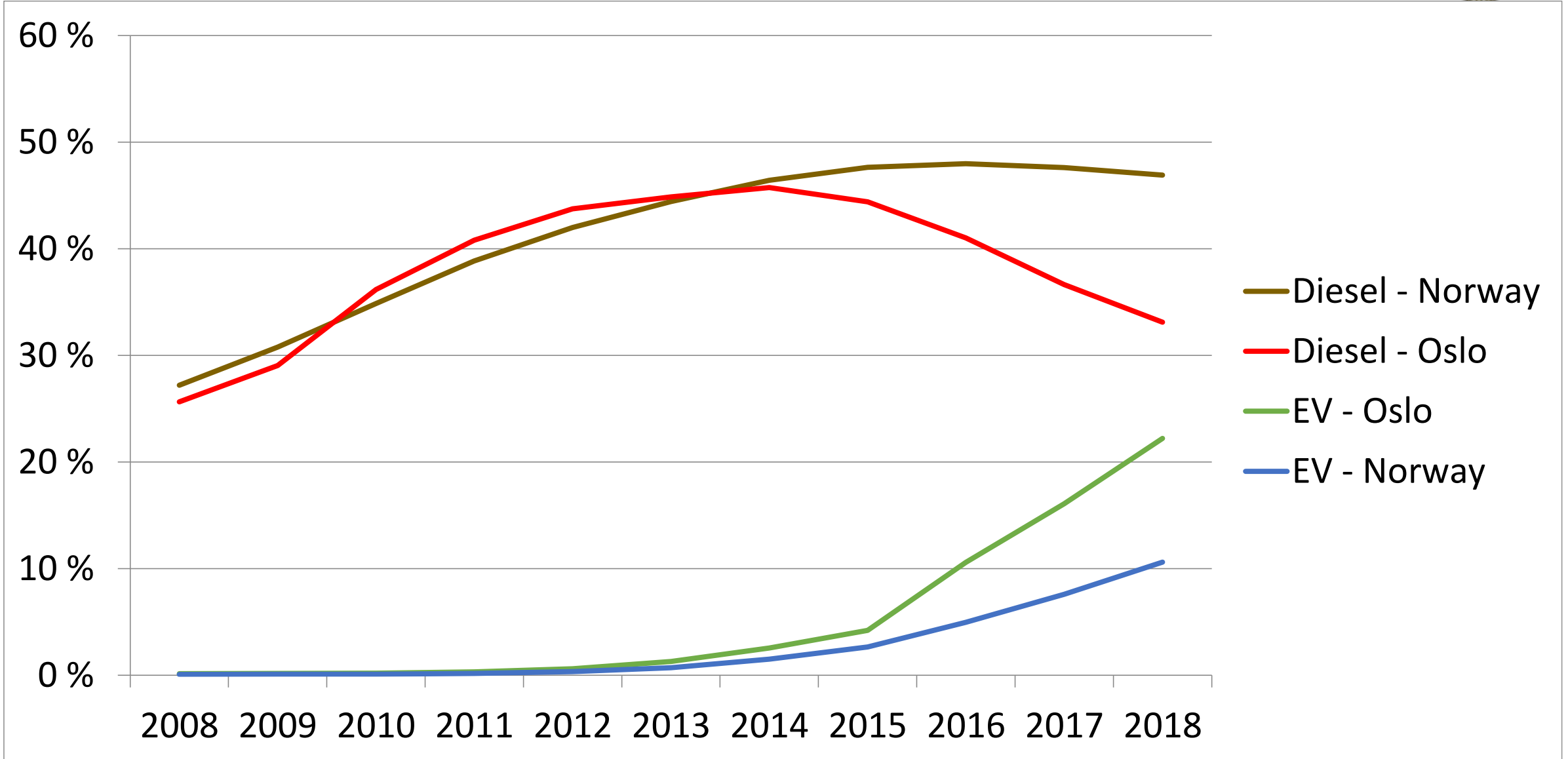


Charging infrastructure – home and away

- **Network of 1300 public chargers**
- **Ramping up with 600 new in 2019**
- **People want to charge at home**
- **Granted support to facilitate 20,000 new home chargers in 2018**
- **We are now preparing for electric taxis and vans**



Market shares of total fleet, electric vehicles and diesel





The new Oslo solution

In order to catch up we also need to:

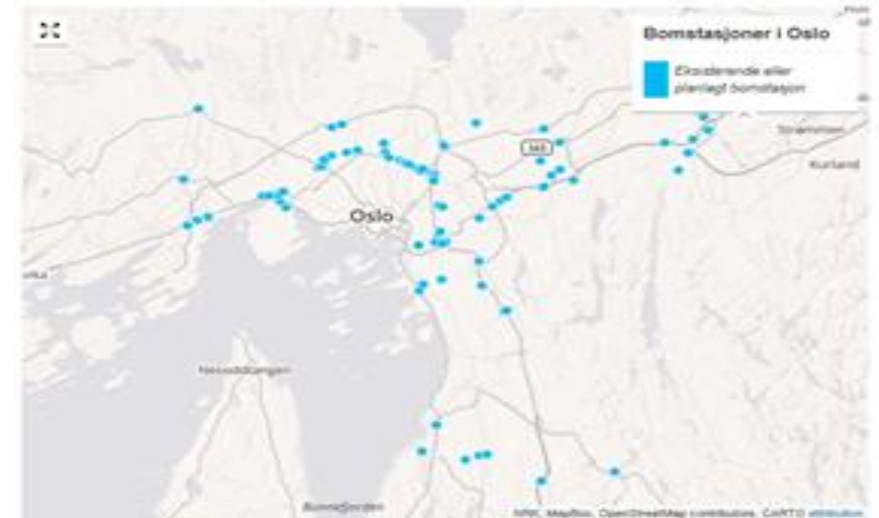
- Establishing **fast chargers** in cooperation with private actors.
- **Indoor parking garages for EVs.** The World's first dedicated P-houses for EVs only.
- Build large **“Centre of excellence”** for **professional users** of EVs with flexible charging and pre-booking opportunities.
- **Fossil-free public transportation (2020).** 70 Battery electric buses arrive in Oslo in 2019, emission free public transportation by 2028.
- Making sure that everybody can **charge at home** (61 % lives in apartments and town houses).





Coinciding plans that will influence the growth of EVs

- No sales of diesel and gasoline cars (from 2025)
- Temporary ban on use of diesel cars on the most polluting days (from 2017)
- Congestion tax + 74% (from 2017)
- New toll gates (from 22 gates to 73)
- Car free City Center 2018
- Emission free City Center 2024
- Residential parking zones





European Green Capital 2019

