



EV Policies in Norway

Market Transformation to Renewable Energy

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385.000 km²
5,1 million people

97 per cent of
electricity
renewable

1/3 of CO₂
emission from
transport





Electric cars in Norway

– a success story

- EVs account for 18,4 per cent of new cars sold in 2015
- The highest number of electric cars per capita in the world
- By June there were 54.000 EVs in Norway
- EV sales have doubled every year for the last three years
- 2,1 per cent of 2,5 million cars in Norway are now electric

How did it happen?

- A mix of strong incentives introduced from 1990 and onwards, partly to support Norwegian electric car companies
- **Economic means** – tax and toll relief/subsidies, free parking and charging, etc.
- **Administrative means** – e.g. access to bus lanes
- The electric car was an insignificant niche product for many years
- Competed with petrol cars who enjoy an already installed base advantage
- Almost all car producers started to develop electric car models
- New «normal car» EV models introduced: Mitsubishi iMiev, Nissan Leaf, Tesla
- Sales took off in Norway

No sales tax

No VAT

No road tax

Bus lane access

Free public parking

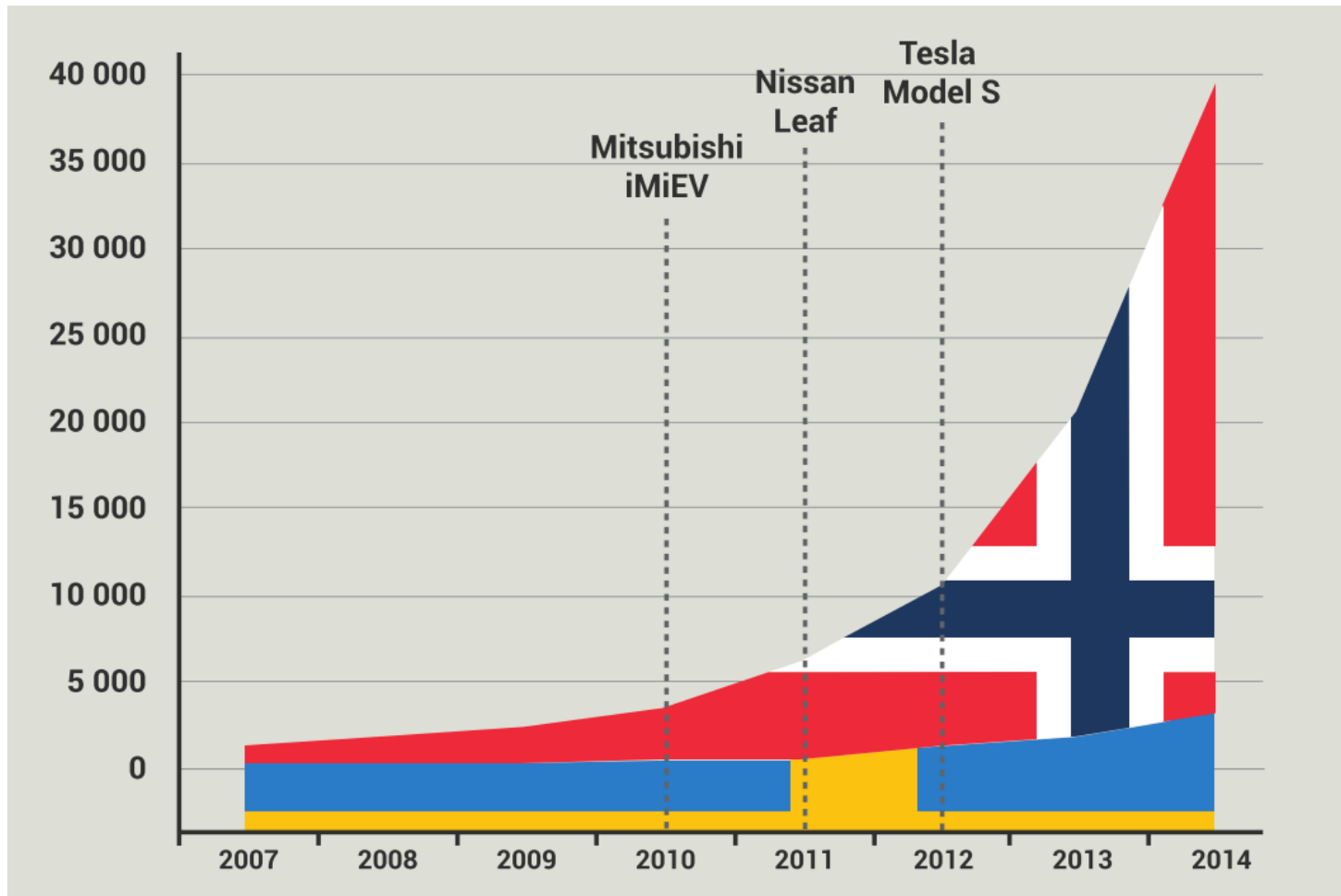
Free charging

Free ferries

Low company car tax

No toll road

Policy means + innovation in car market





Oslo – Cities matter

1.100 public charging points

All cars used by the city are to be EVs by 2015

Public transportation will be fossil free by 2020

Taxis are to be zero emission by 2022



Today's incentives for EVs are effective, necessary and adequate



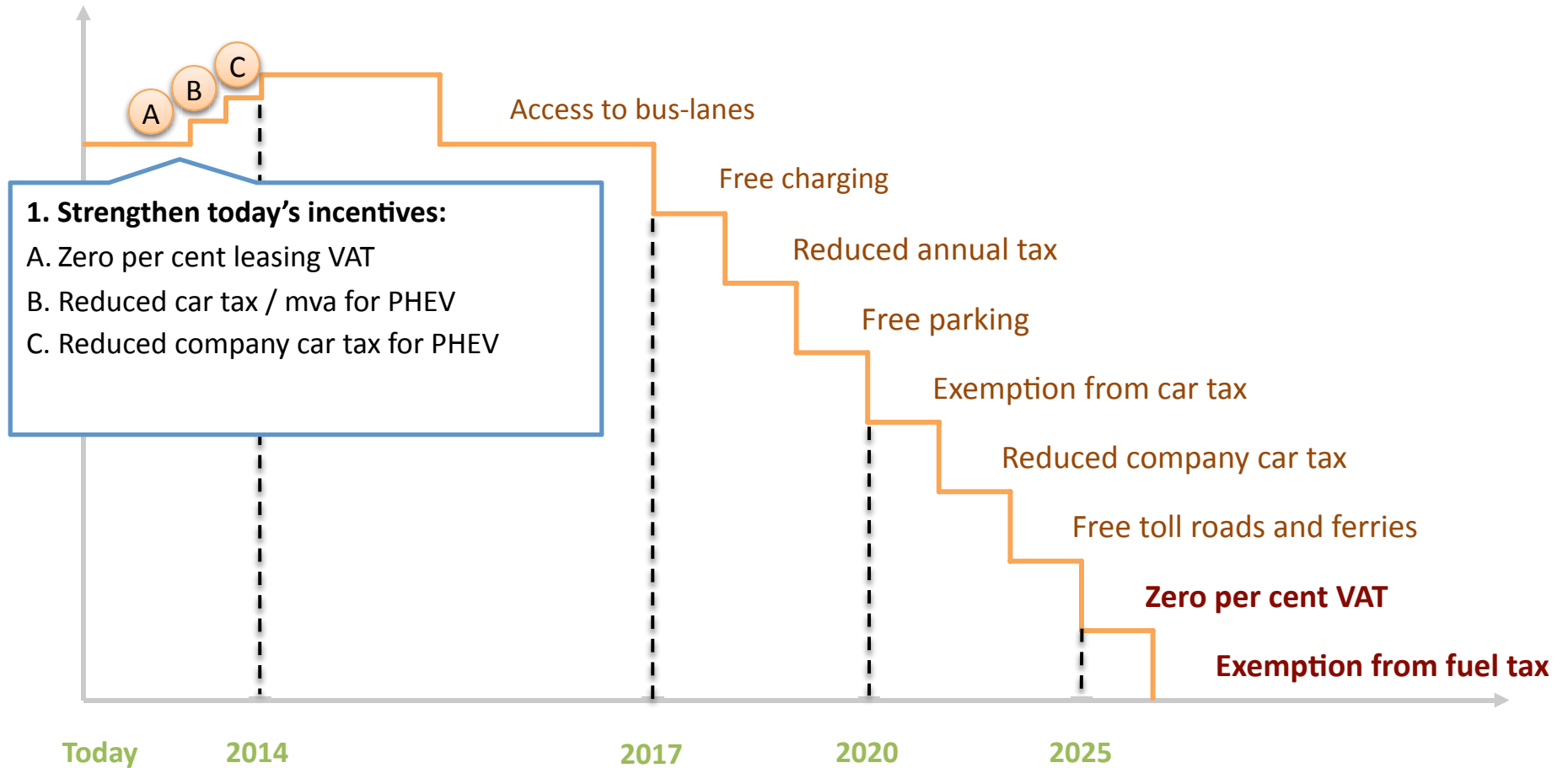
EV models now cover (almost) all demands



**Today's incentives are adequate,
but can they be sustained?**

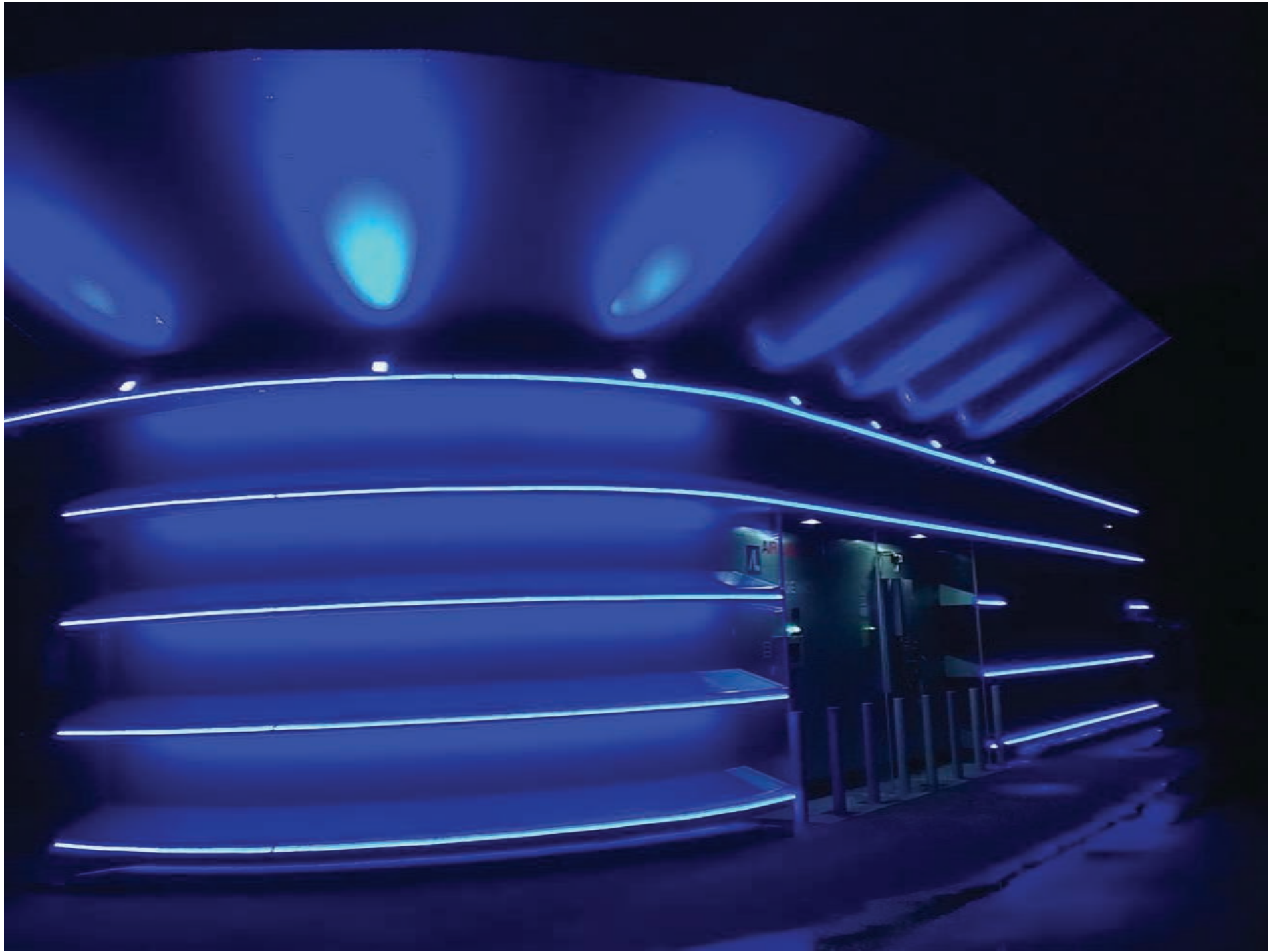


Further development of EV / PHEV-incentives in Norway



Norway will, together with the EU, cut climate gas emissions by 40 per cent, compared with 1990 levels, by 2030

In order to reach this, almost 100 per cent of new cars need to be zero emission in 2025



Denne bussen kjører på hydrogen

350

Hydrogenbussen
kjører på hydrogen









Thank you