



Norwegian Ministry  
of Climate and Environment

# Norway's electric vehicle policies

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# Reducing emissions from transport

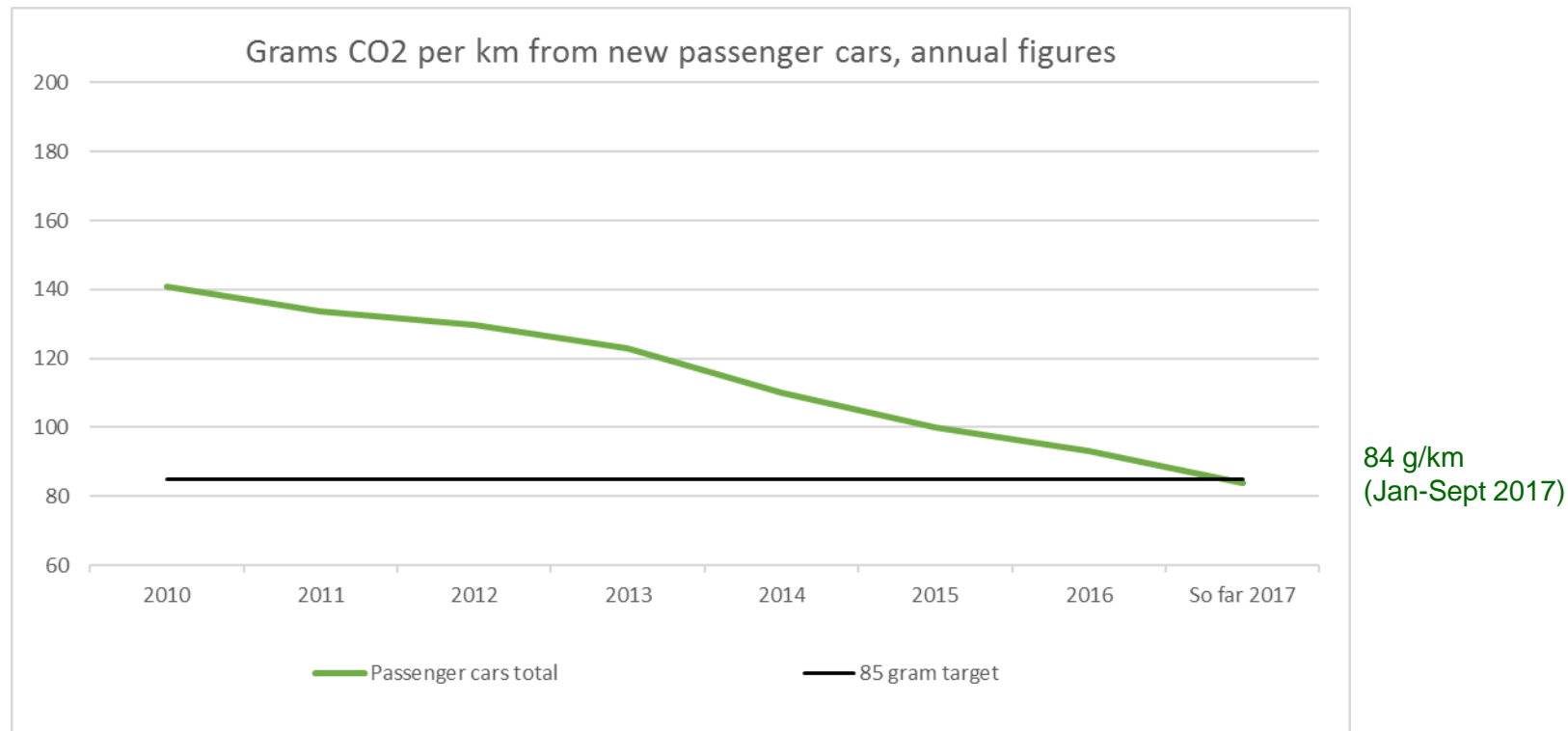
- Reduce transport, e.g. by urban planning
- Transfer to transport with lower emissions, e.g. cars ⇒ buses
- Reduce emissions from the individual vehicle, e.g. **electric vehicles** and biofuels.



Foto: Ilja Hendel/NTBscanpix

# Targets - 2020

- New cars in 2020: 85 grams CO<sub>2</sub> per km

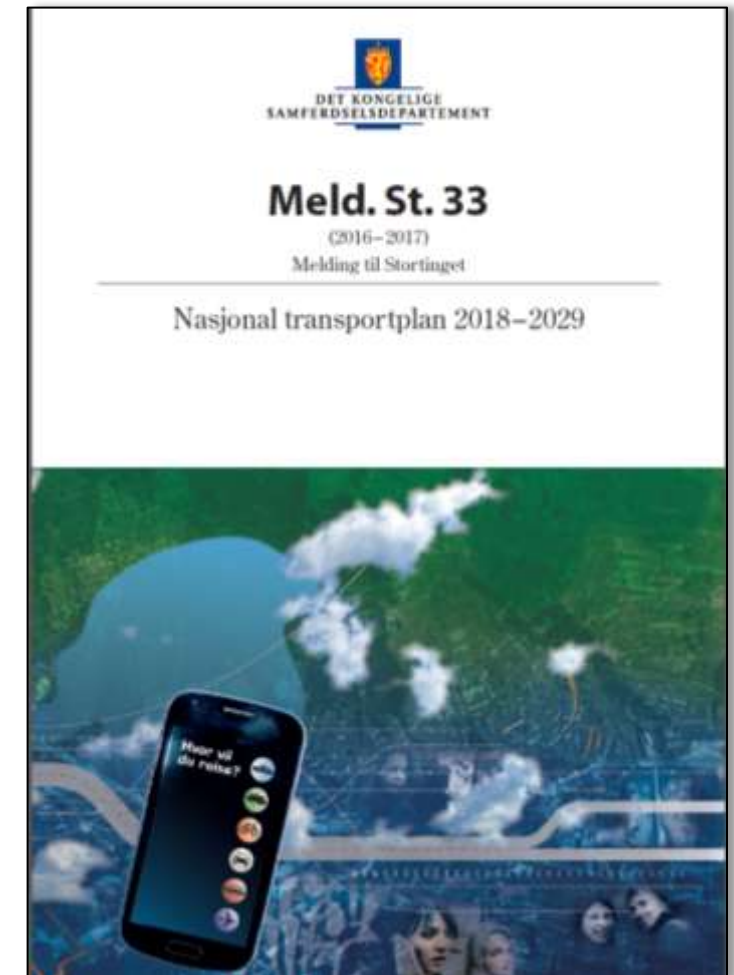


Source: Information Council for the Road Traffic Norway



# Targets – 2025 and 2030

- White paper Transport Plan 2018–2029:
  - All new passenger cars and light vans sold in 2025 shall be zero-emission vehicles.
  - All new urban buses sold in 2025 shall be zero emitters or use biogas.
  - By 2030, all new heavy duty vehicles, 75 per cent of new long distance coaches and 50 per cent of new trucks shall be zero emission vehicles.
  - The distribution of freight in the largest urban centers shall have almost zero emissions by 2030.

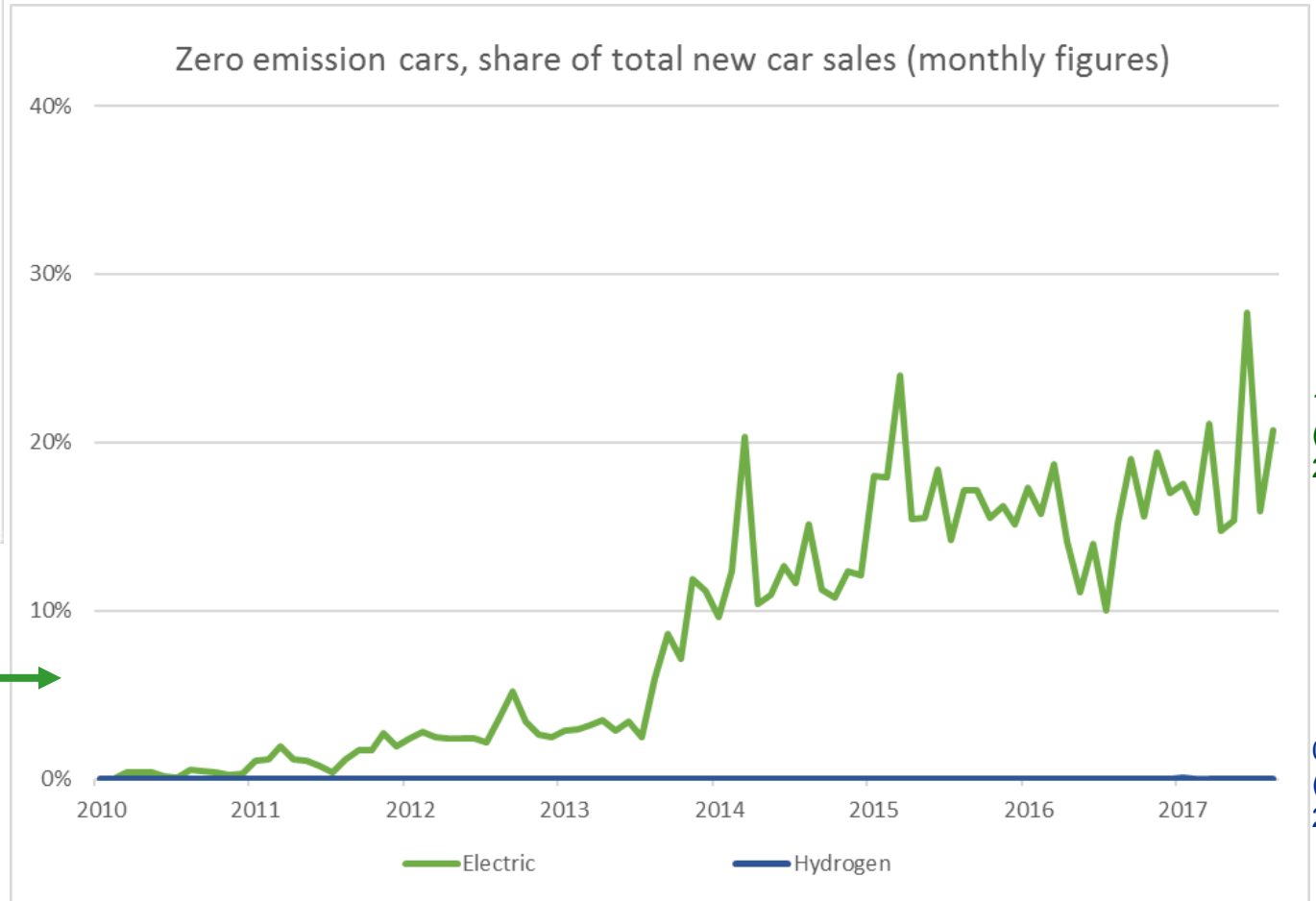
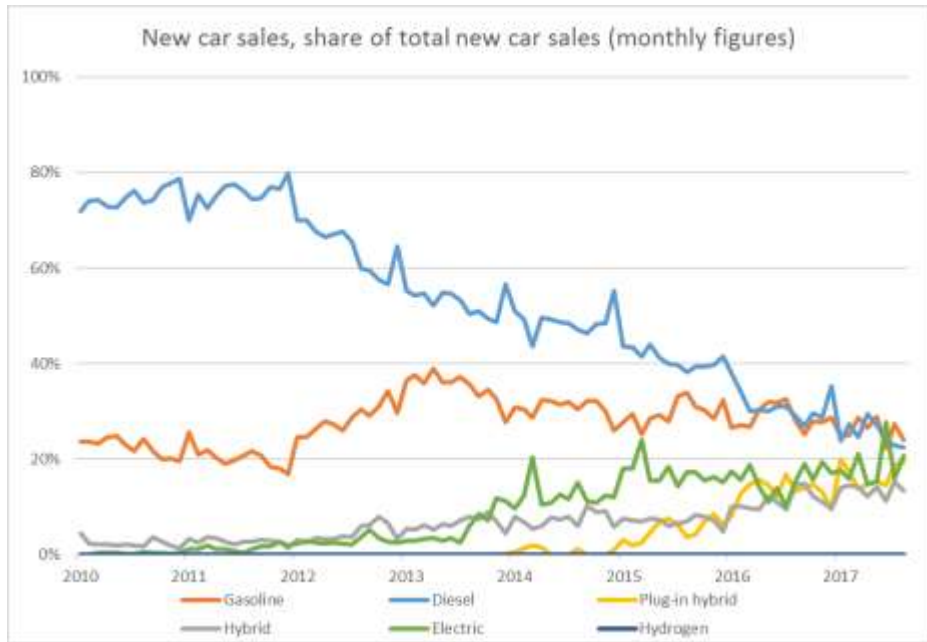


# Interim targets for emissions reductions in the transport sector

- Emissions in the transport sector is to be reduced by 35-40 % from 2005 to 2030
- This target based on the assumption of technological development where zero emission solutions in the transport sector become competitive compared to fossil vehicles



# Zero emission vehicles as share of new sales

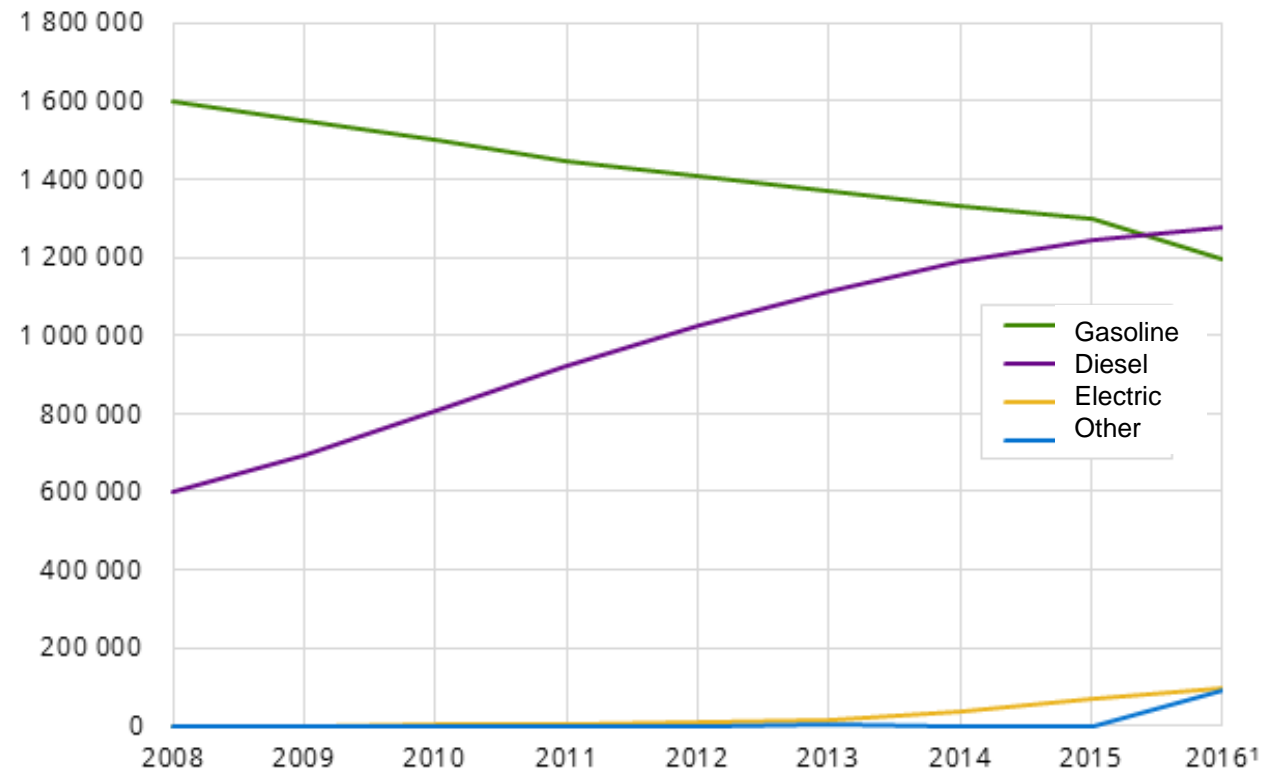


Zero emission vehicles



# Electric cars as share of total car fleet

Passenger car fleet by fuel



97 500 electric cars  
by end of 2016  
= 3,7 %

Source: Statistics Norway, The Directorate of Public Roads



# Policies and measures - Main EV policies

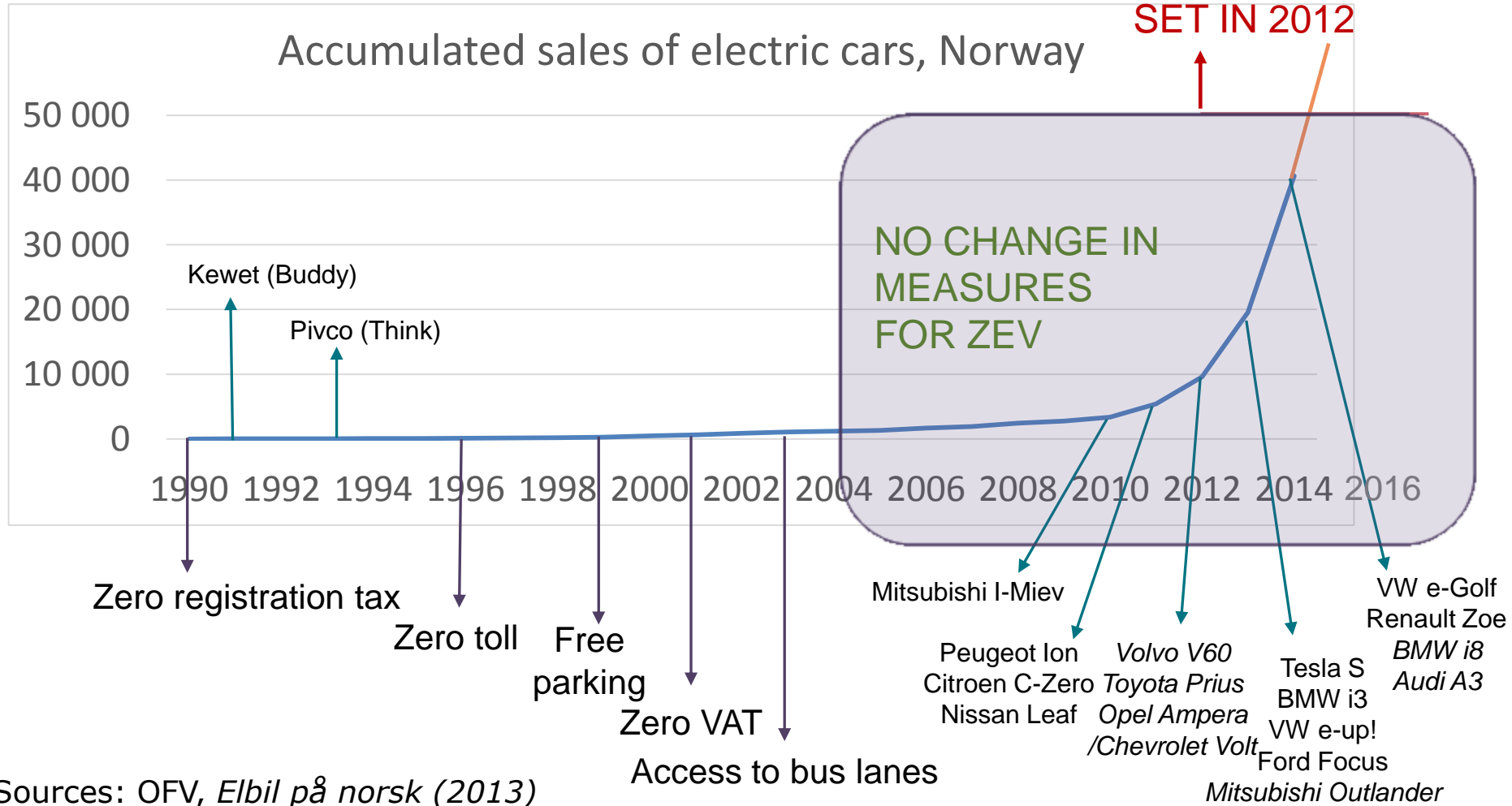
- Exemption from value added tax. Normal rate: 25 %
- Exemption from registration tax. On average: 10000 euros
- No subsidies per se
- Public company Enova: Supporting charging infrastructure
- Free toll roads, free public parking and free charging at public charging stations, access to bus lanes, free/reduced fees on ferries
- Relatively high taxes on fossil fuels



# Development of policy and sales

TARGET OF  
50.000,  
SET IN 2012

2017:  
MORE THAN  
100.000



Sources: OFV, *Elbil på norsk* (2013)

POLICY DEVELOPMENT

MARKET INTRODUCTION



# Future policies

- Build upon current policy measures to stimulate use of zero emission vehicles, and by that contribute to reaching the targets in the National Transportation Plan 2019-2029.
- Depending on market development, consider necessary changes in policy measures
- Also consider introducing policy measures to stimulate increased use of zero emission solutions for taxis, motorcycles, mopeds, vans and lorries.
- A national plan for infrastructure investments for alternative fuels will be made





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# Thank you!

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