



# Reduction of CO2 emissions in transport by electrification

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# On Our Way to Reduce CO2 Emissions

- A third of the Norwegian CO2 emissions comes from transport
- We share the same ambitions and reduction targets as EU
- EU regulations on emissions from cars are very important
- Expecting a substantial drop in emission from cars in the coming years



# Norway's climate ambitions in transport

***The transport sector shall contribute substantially to the GHG emission reductions in Norway.***

We also have set ambitions for zero-emission vehicles

- All new passenger cars and light vans - zero-emission by 2025
- All new city buses - zero-emission or use biogas by 2025
- All new heavy vans – zero-emission by 2030
- 75 % of new long-distance buses by 2030
- 50 % of new lorries - zero-emission by 2030
- Near emission free distribution goods of in major city areas

***Improvements in zero-emission technologies is an important prerequisite for the ambitions.***



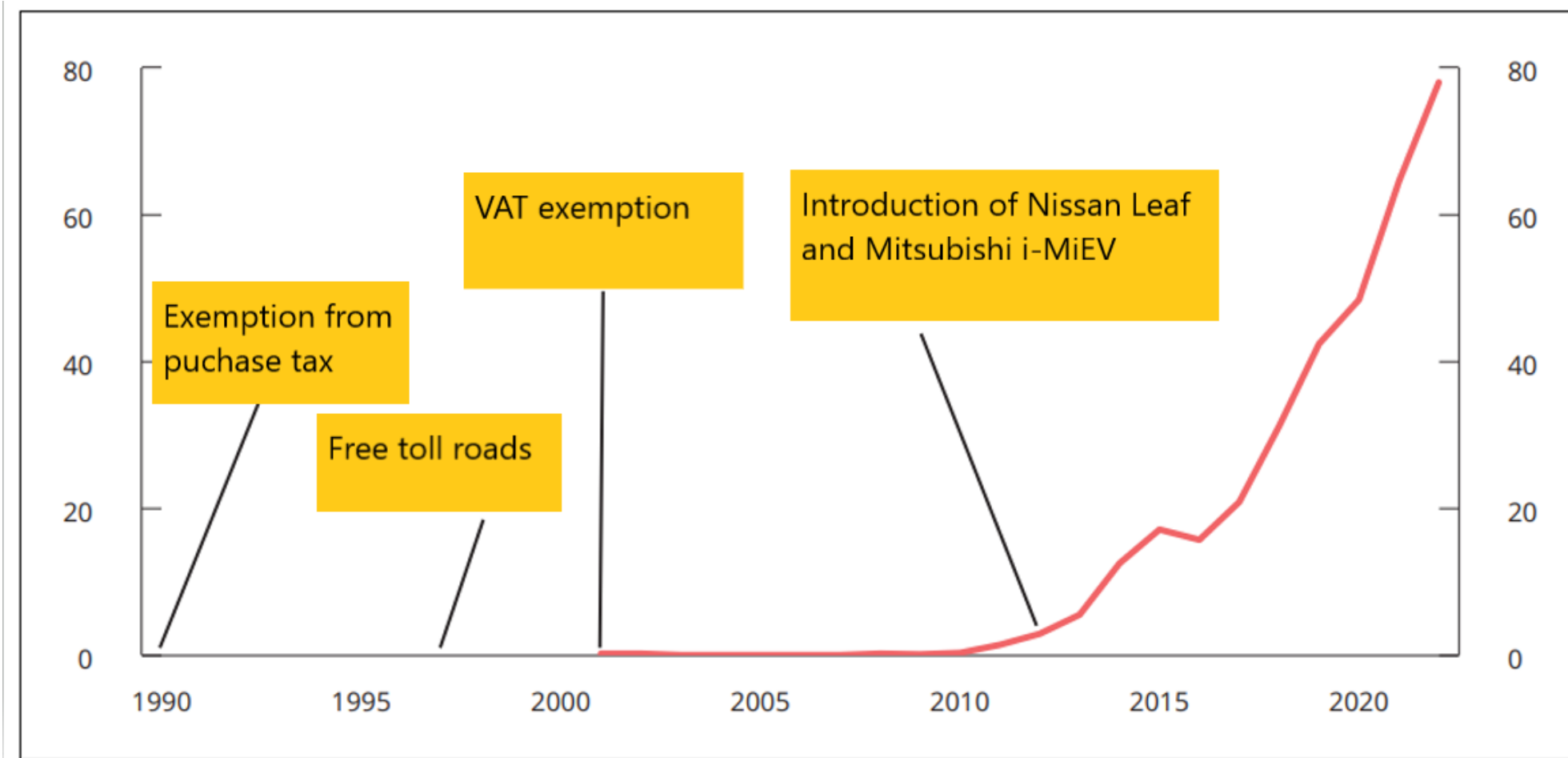
# Status for electrification of Norwegian road transport:

- 9 out of 10 new cars
- 25% of the private car fleet
- 88% of the city buses
- 12% of heavy duty vehicles

# Incentives work:

- Tax
- User incentives
- Investment support
  - ENOVA
  - 370M EURO to support HDV charging
- Requirements in public procurements

# Development of policies and technology



# Electrification here?



- Battery and hybrid solutions
- Short sea shipping & fisheries
- Ferry services – short crossings



- Short distances 300 km
- Up to 30-40 seats available in 2030?
- SAF
- 100M EURO to infrastructure and piloting



Samferdselsdepartementet