



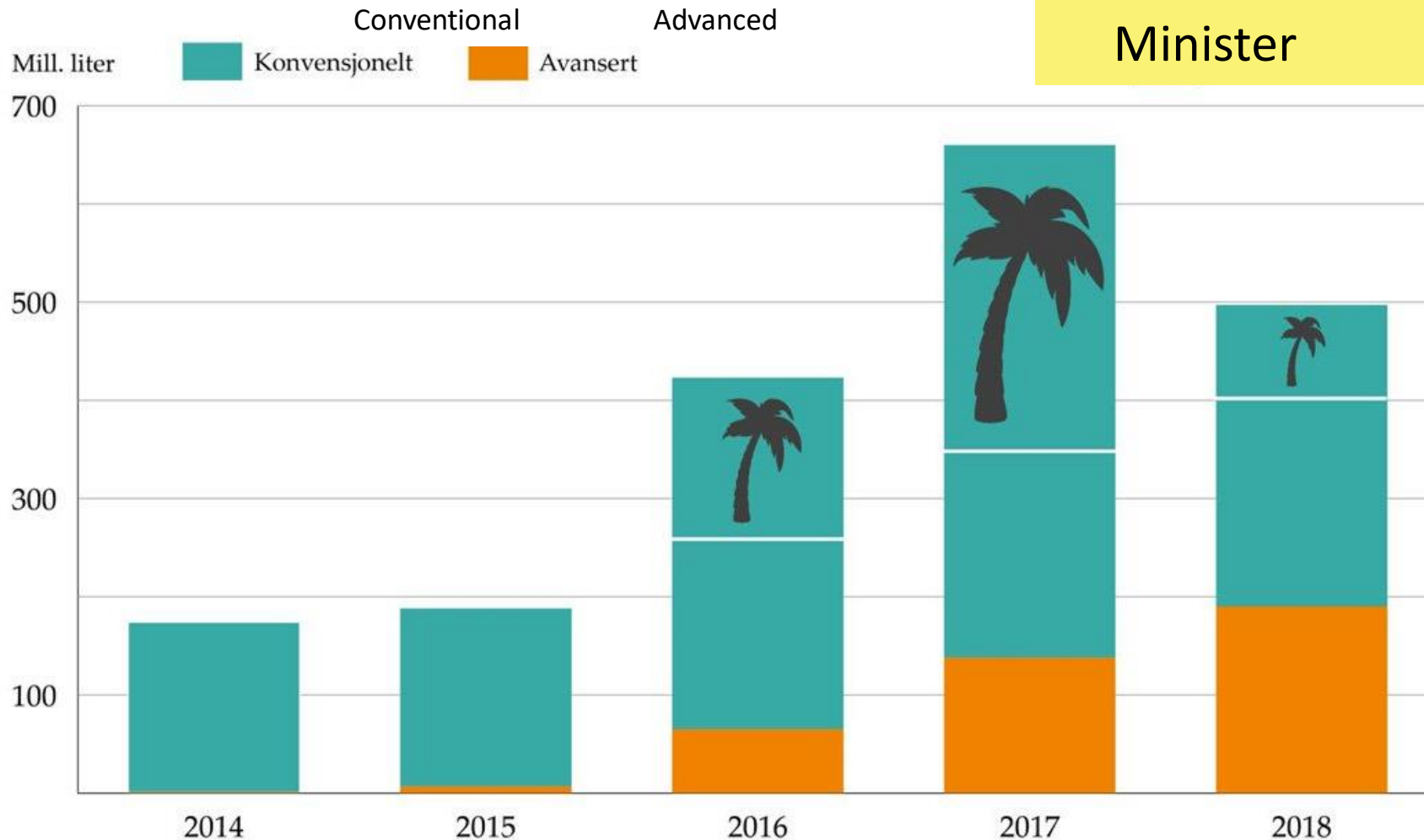
# Norway

Duncan Akporiaye  
SINTEF Industry

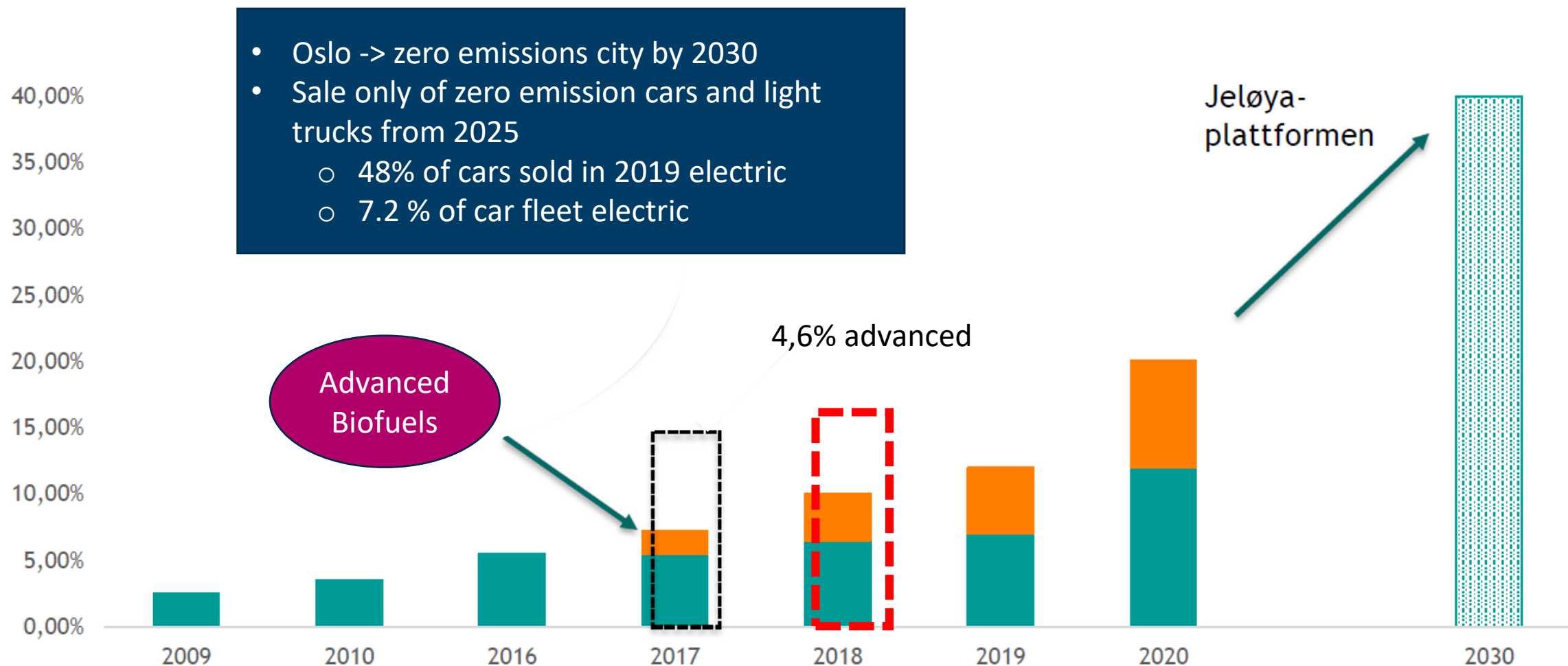


# Sale of advanced biofuels

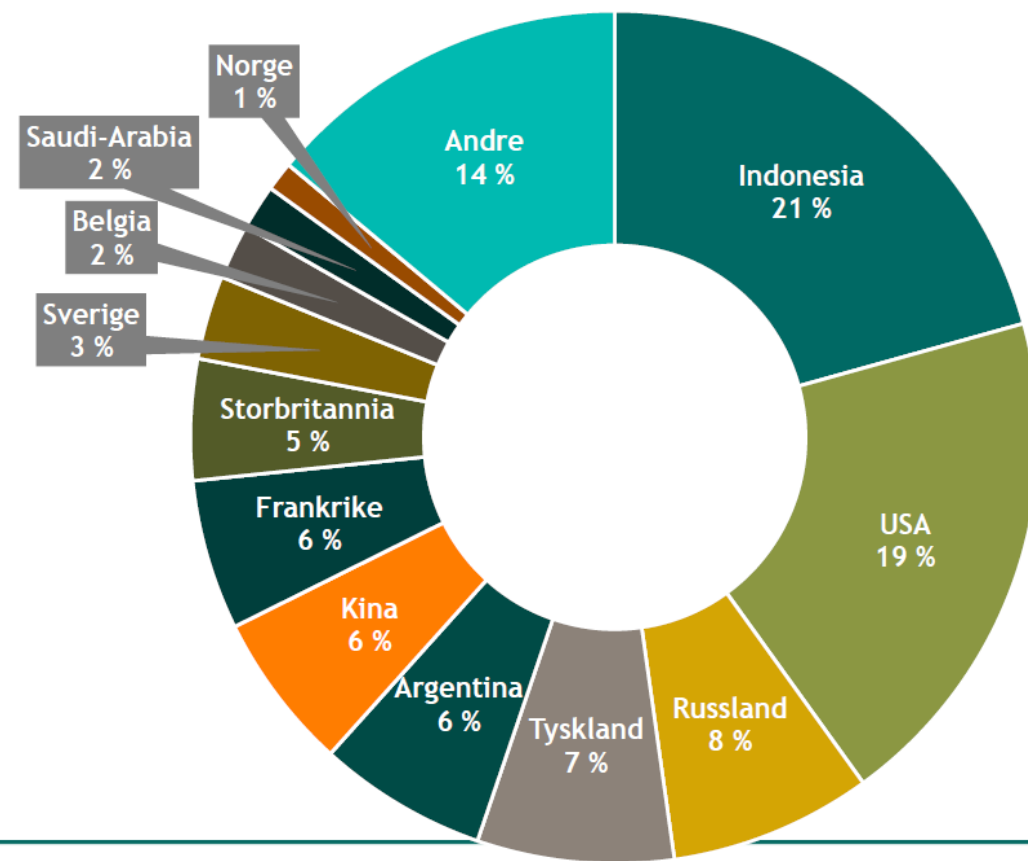
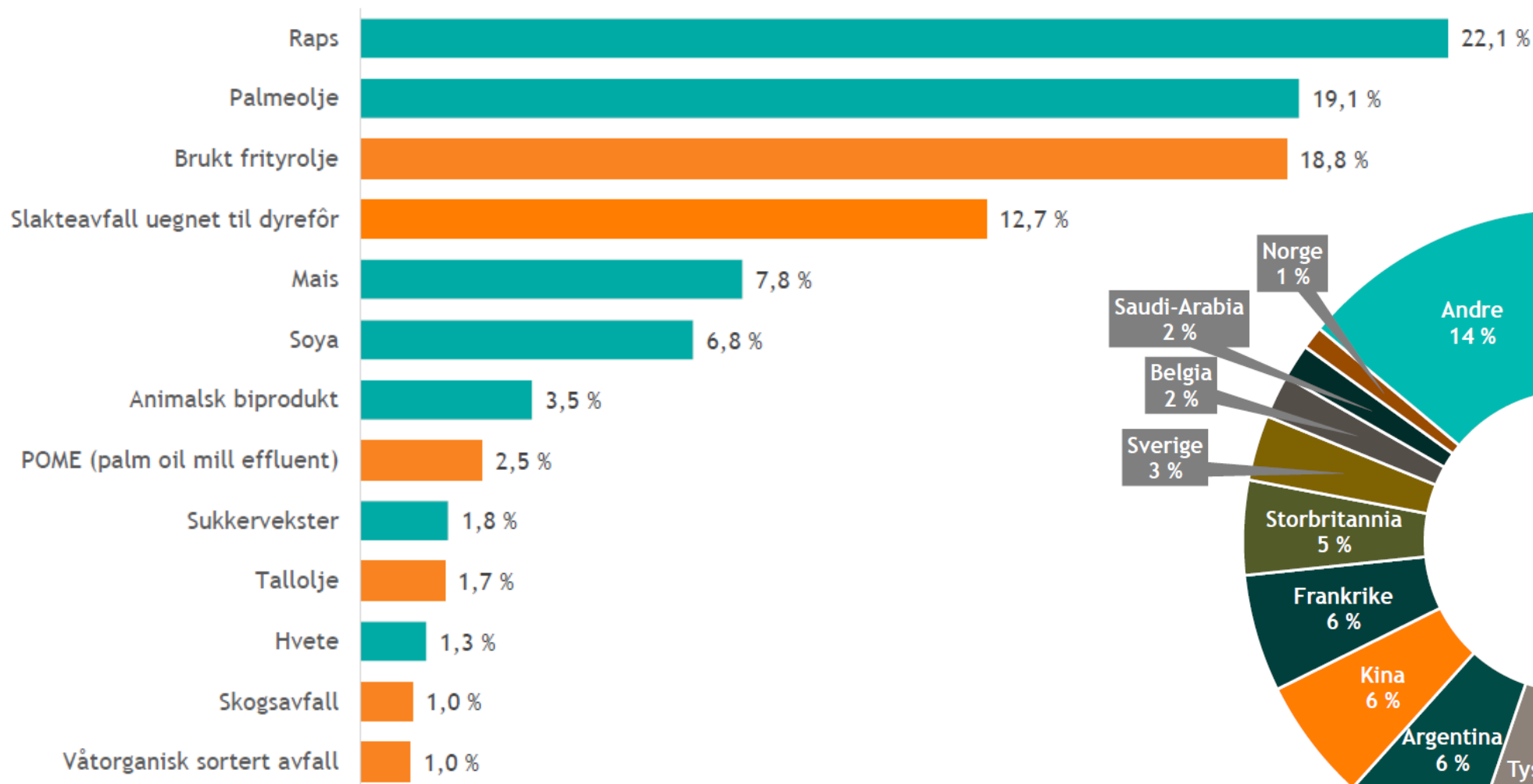
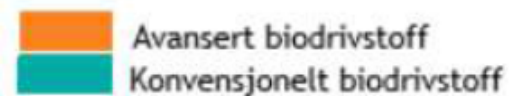
- 2018 was critical year for debate on biofuels -> National Budget
- Ola Elvestuen - Climate and Environment Minister



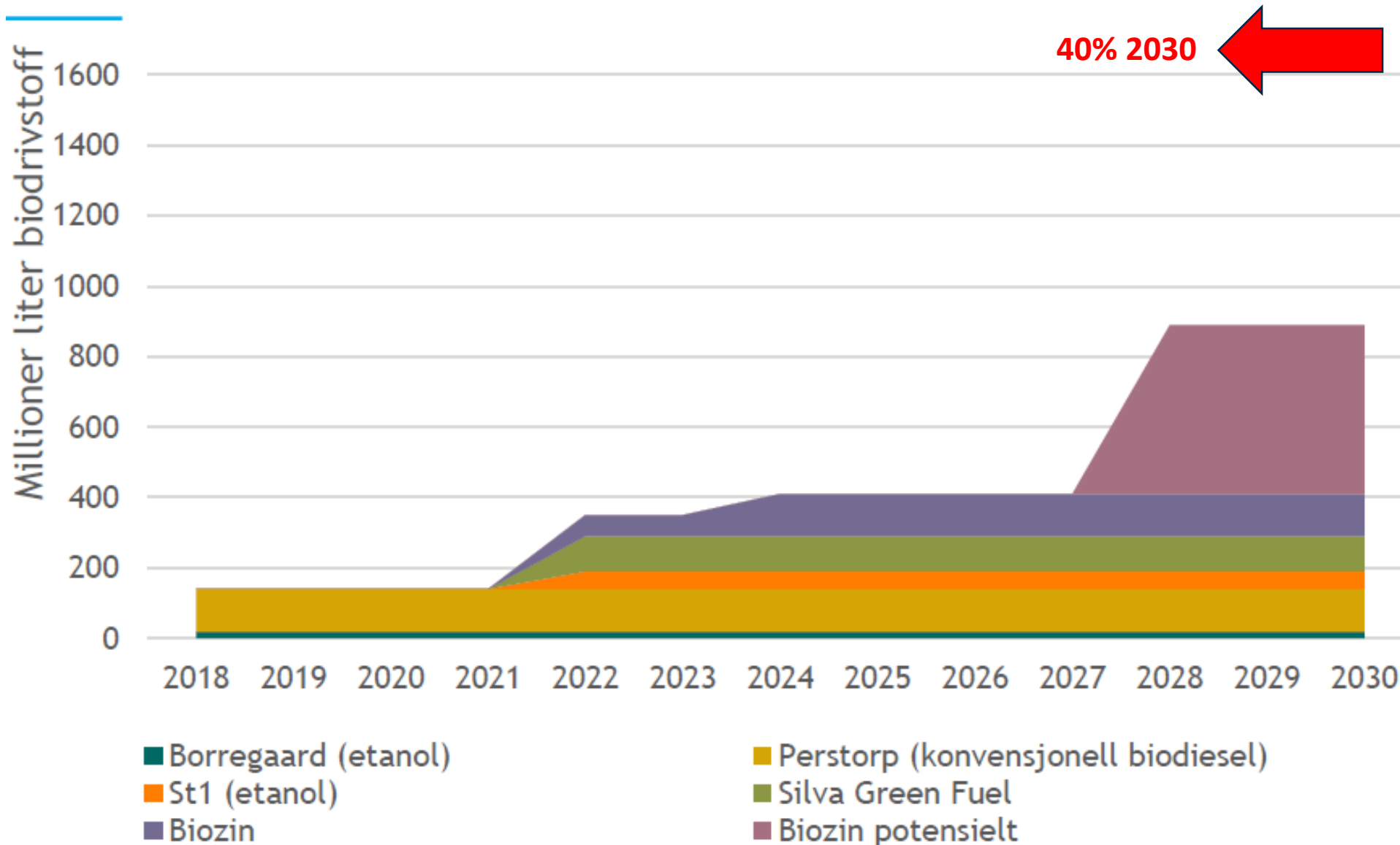
# Biofuel mandate 2008 – 2020 -> 2030



# Feedstock sourcing



# Some plans for production in Norway



# Initiatives

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- Borregaard: investing in expanding production (Ethanol)
- Biokraft liquified Biogas at 90% production capacity
- Statkraft building demo unit (HTL)
- Two refineries starting to show interest
  - co-processing
- Many start-up Initiatives
  - Biozin (IH<sup>2</sup> technology)
  - Nordic White Diesel
  - Nordic Blue Crude (FT)
  - Quantafuel (FT)

ENOVA support on development

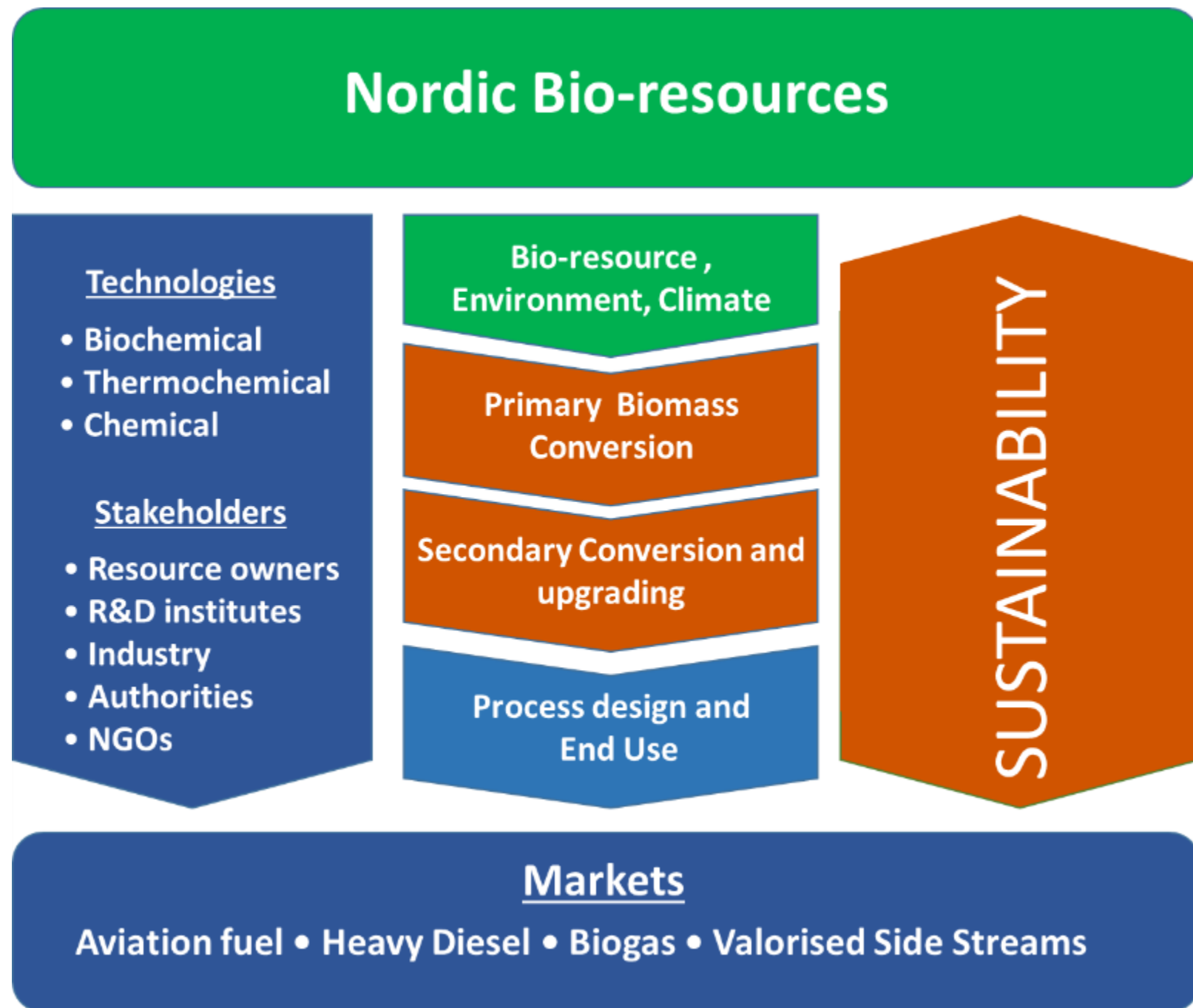


# National Centres for Environmentally Friendly Research (FME)



# BIO4 FUELS

Norwegian Centre  
for Sustainable  
Bio-based Fuels  
and Energy





## EXPERT WORKSHOP

Potential of Hydrothermal Liquefaction (HTL) routes for biofuel production

Five European H2020 projects and the Norwegian National Centre Bio4Fuels invite jointly to:

## Potential of Hydrothermal Liquefaction (HTL) routes for biofuel production

19th November, 2019, Brussels

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[Registration on this page.](#)

**BIO4  
FUELS**



 **4refinery**

**HyFlexFuel** 

**WASTE2ROAD** 



Technology for a better society