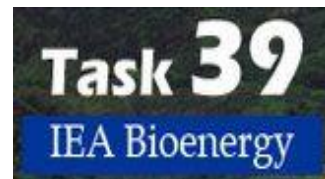




IEA Bioenergy
Technology Collaboration Programme



Norway Country Update

Duncan Akporiaye, Norway

Oslo, 19.04.2021

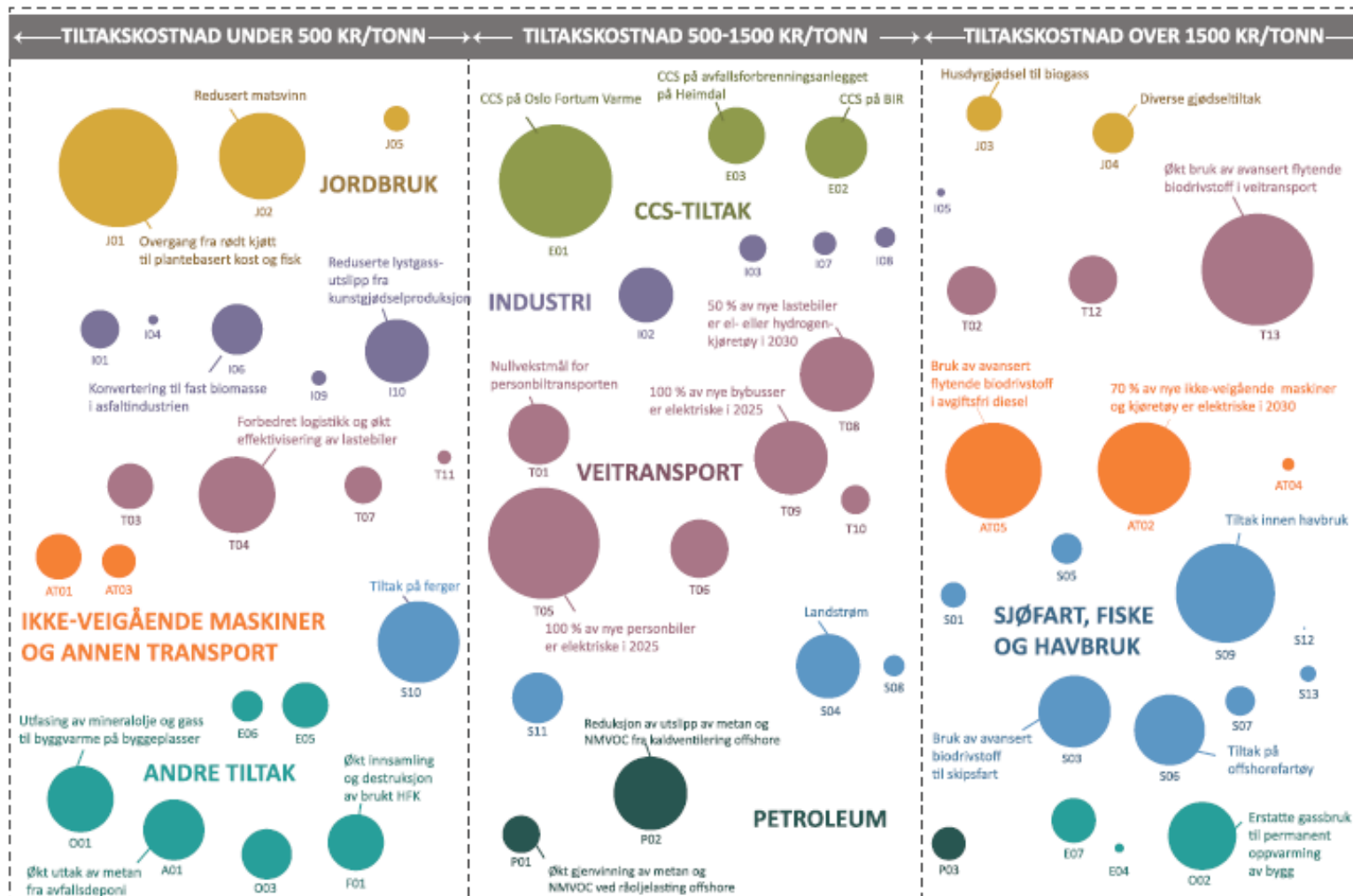
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Overview

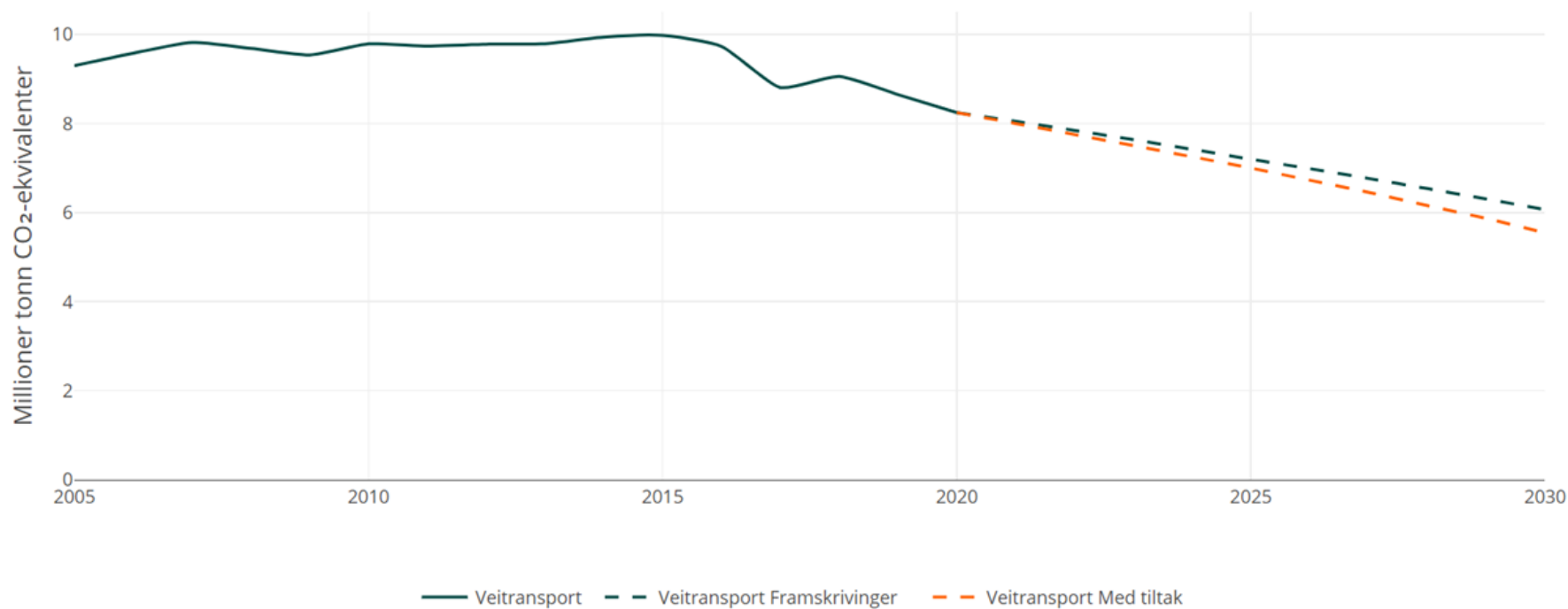
- Biofuels has contributed to reduce Norway's emissions by 1,3 millioner tonn CO₂ in 2019.
 - Biofuels blending mandates is 24.5% for biodiesel, aiming for 40% in 2030.
 - The voluntary biofuel consumption above the blending mandate for road transportation was about 4% of total fuel consumption in 2019.
 - Norway has relatively low biofuels production within Norway (99% of biofuels is imported), but growing commercial interest for utilizing forest residues as feedstock for biofuel production.
- The new **National climate plan 2021-2030** aims for 55% reduction of emissions by 2030
 - Prolongs the blend-in mandate as the primary tool for biofuels to 2030.
 - Increase CO₂ tax to 2000 NOK/tonn by 2030
- Use of bio-resources for biofuels continues to be debated
 - Competition for use in Process industry

"Climate Cure" for 2030

- National election in Sept 2021 – Climate a major issue
- 55% of all new cars in 2020 electric vehicles
- Full scale CCS along whole value chain – Heidelberg Cement
- Oslo Zero emissions 2030
- Grenland Industry Region – Climate positive 2040

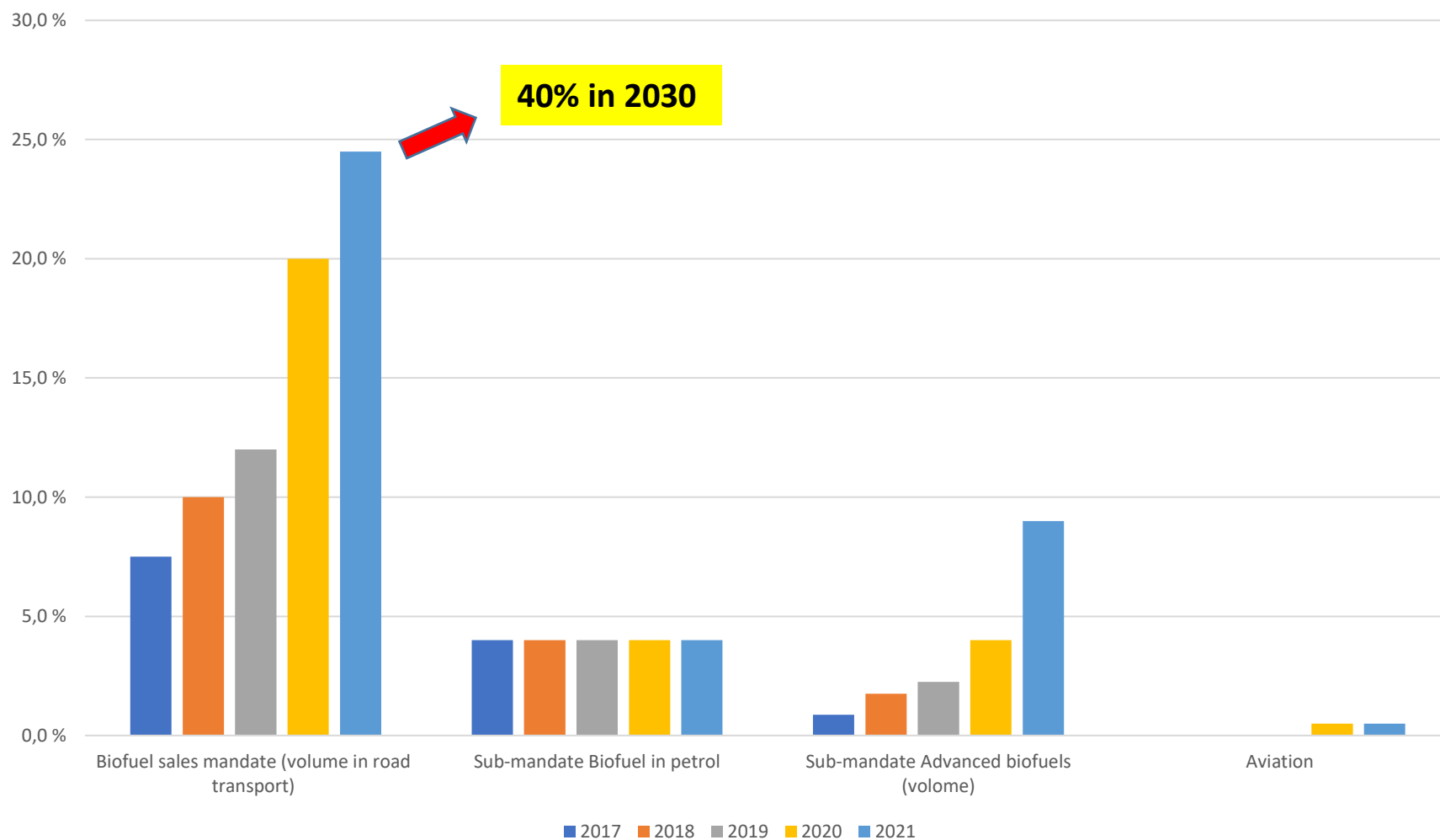


CO2 emissions from Road transport



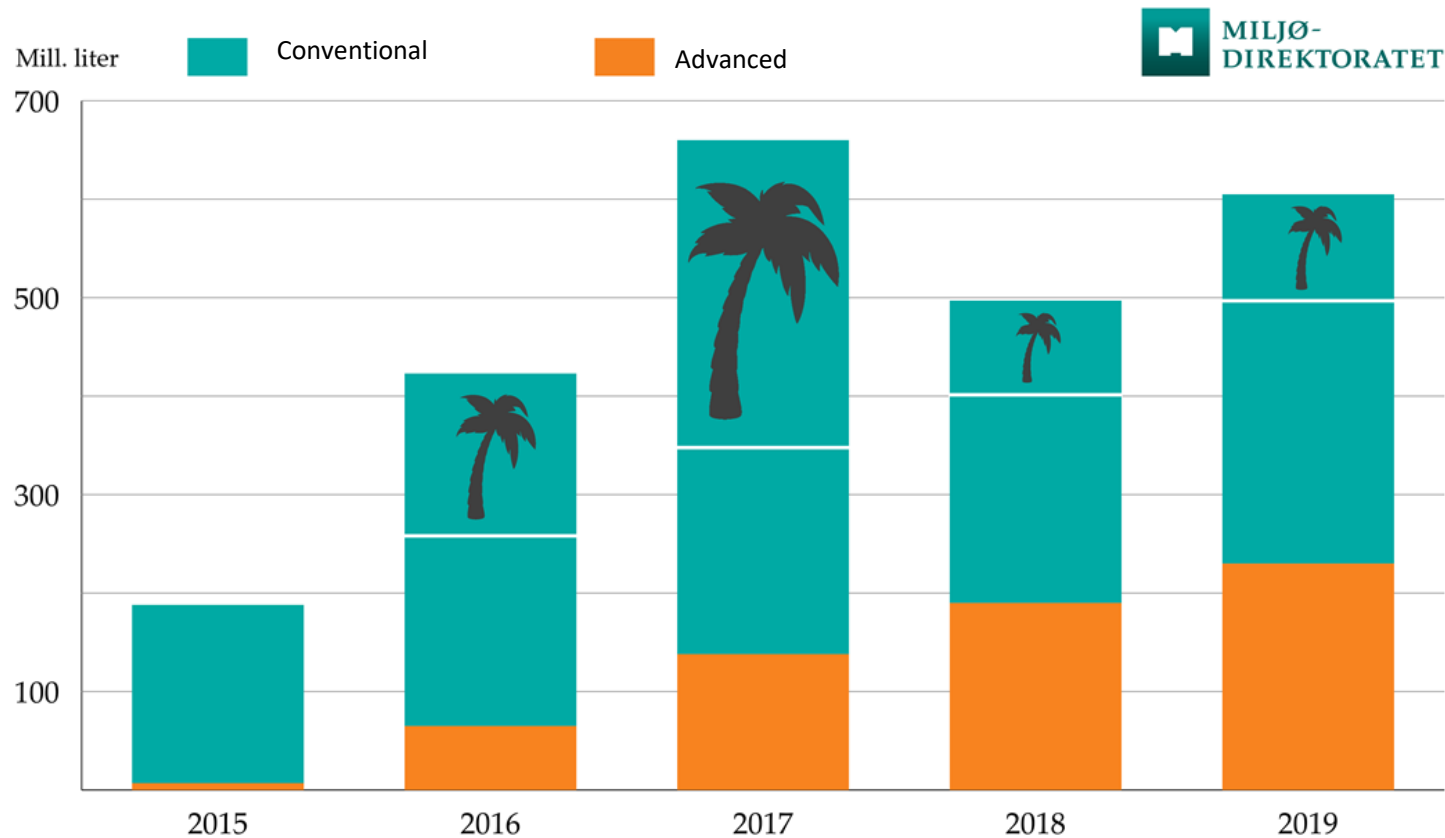
Road Transport

Biofuels obligations/mandates - main policy

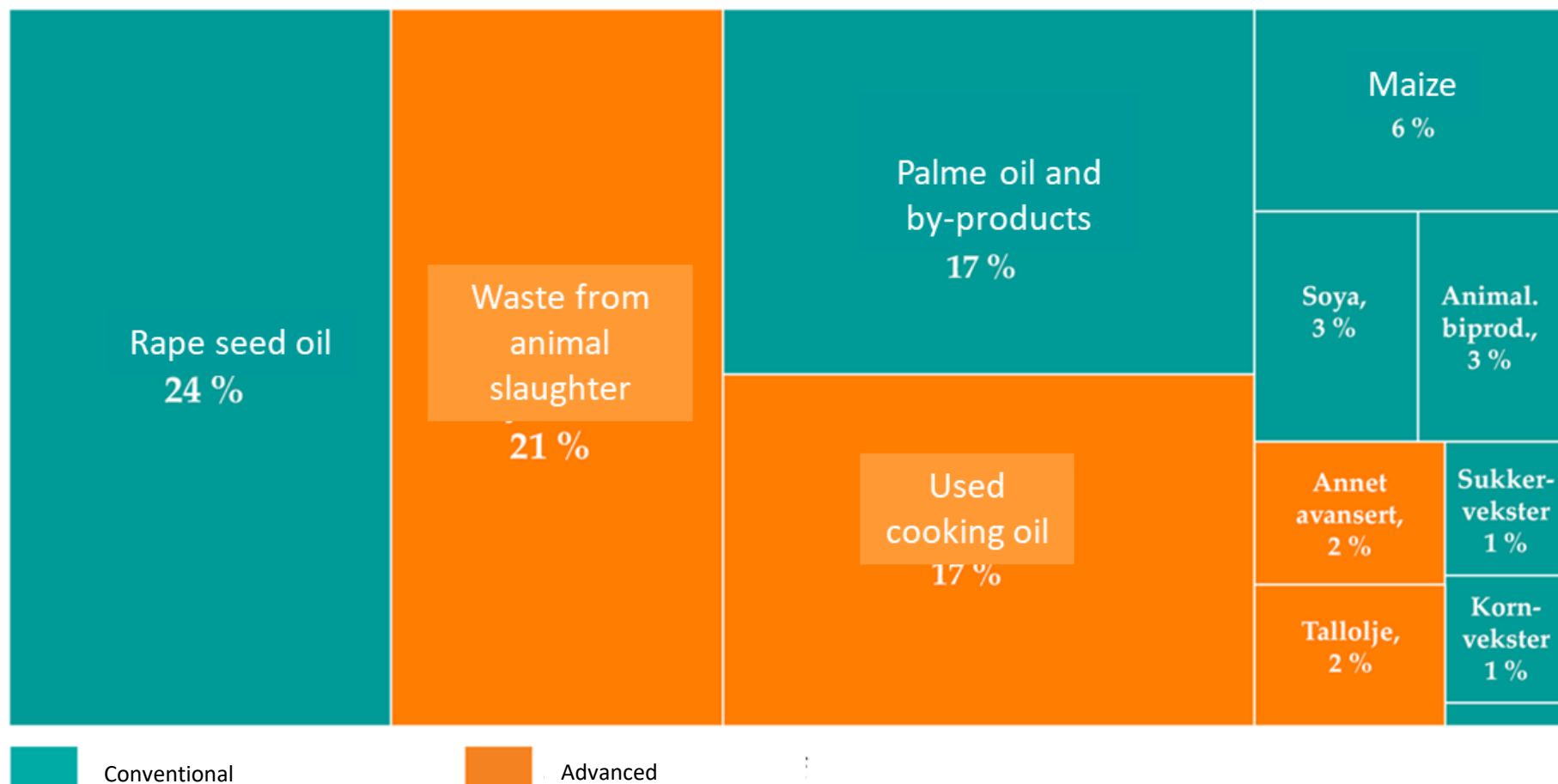


Sale of advanced biofuels

- 20% increase in Biofuels, including advanced biofuels
- 99% of biofuels Imported



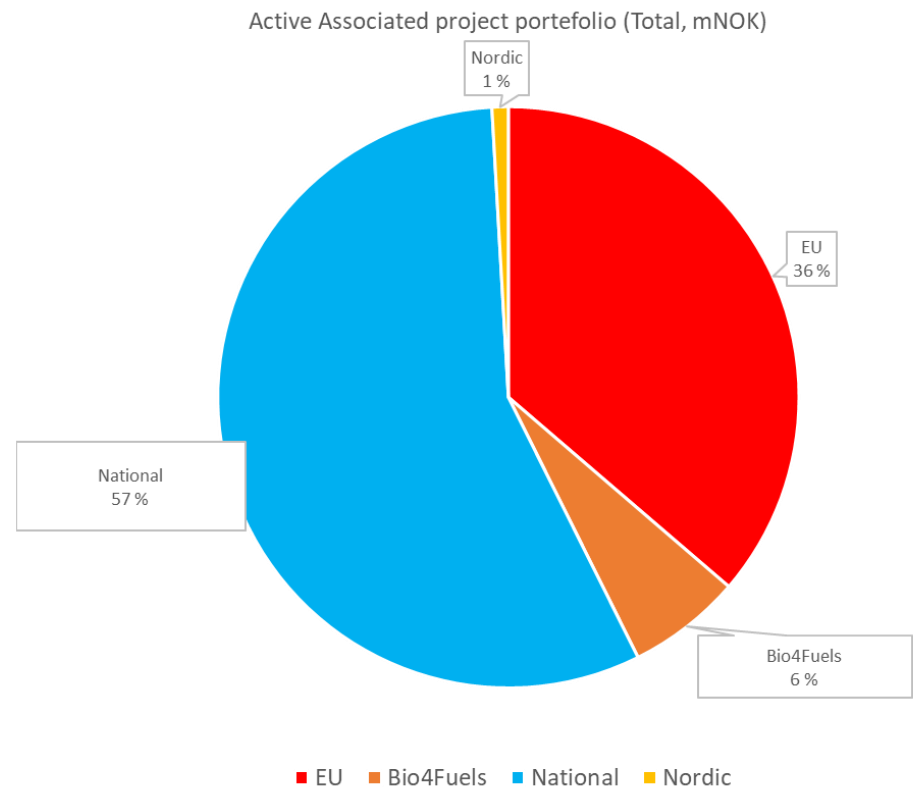
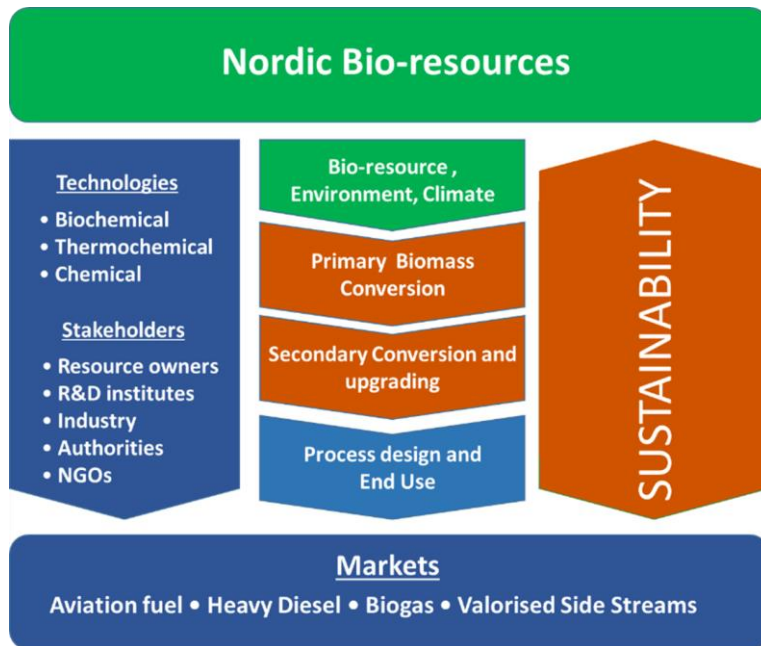
Feedstock sourcing for biofuels in Norway 2019



Commercial Scale biofuels initiatives



Biofuels R&D - Coordinated in Bio4Fuels National Centre

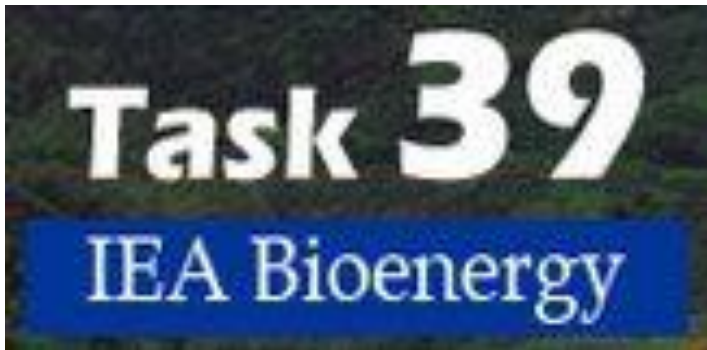


Thank you

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