Sustainable aviation fuels

Presentation at Nordic pavillion
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Increasing demand for sustainable aviation fuels

2014: Demo flights

2016: Avinor Oslo airport

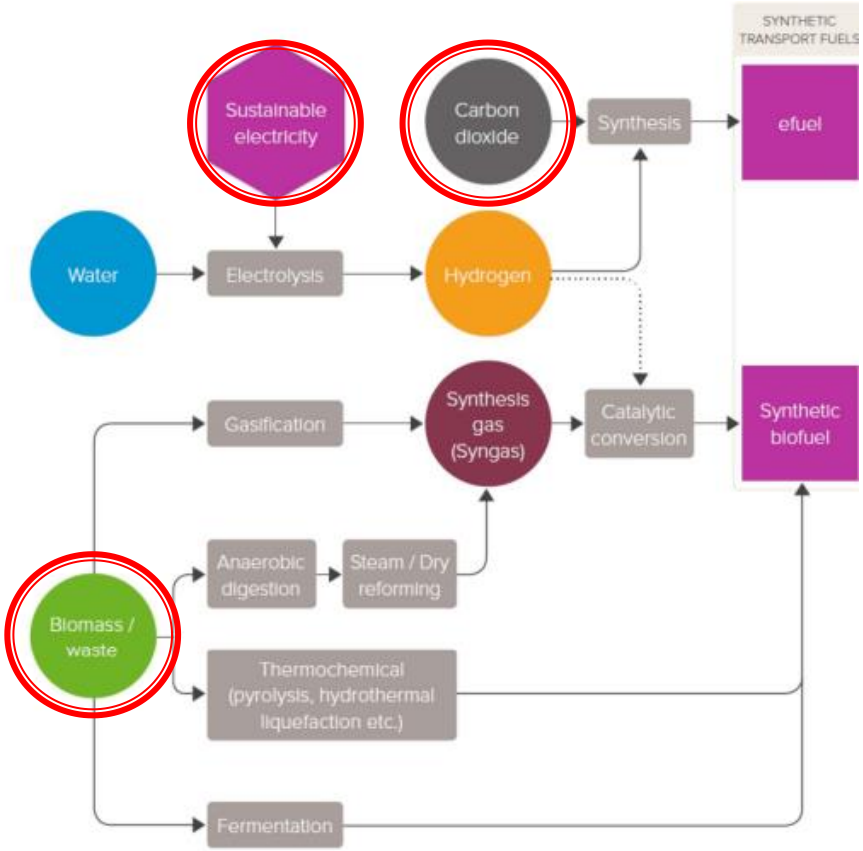
2020: Norwegian mandate

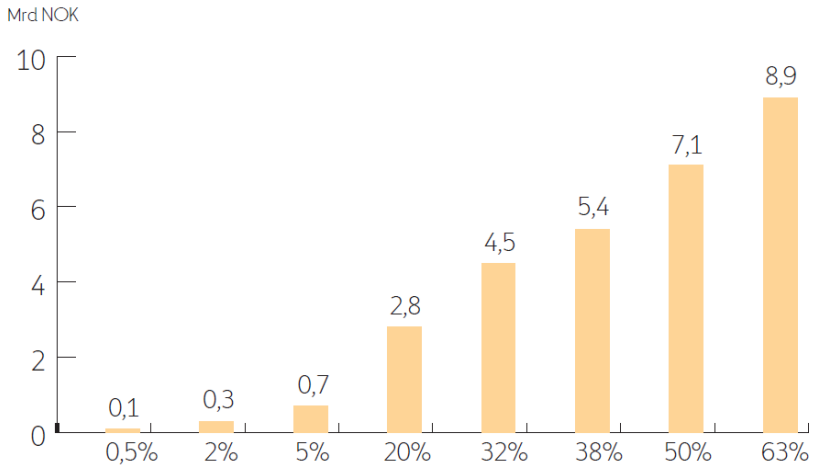
2021: Proposed EU mandate

SAF integrated in the value chain

	2025	2030	2035	2040	2045	2050
All SAF vs. total fuel supply	2%	5%	20%	32%	38%	63%
Synthetic fuels vs. total fuel supply	NA	0.7%	5%	8%	11%	28%

Sustainability is key





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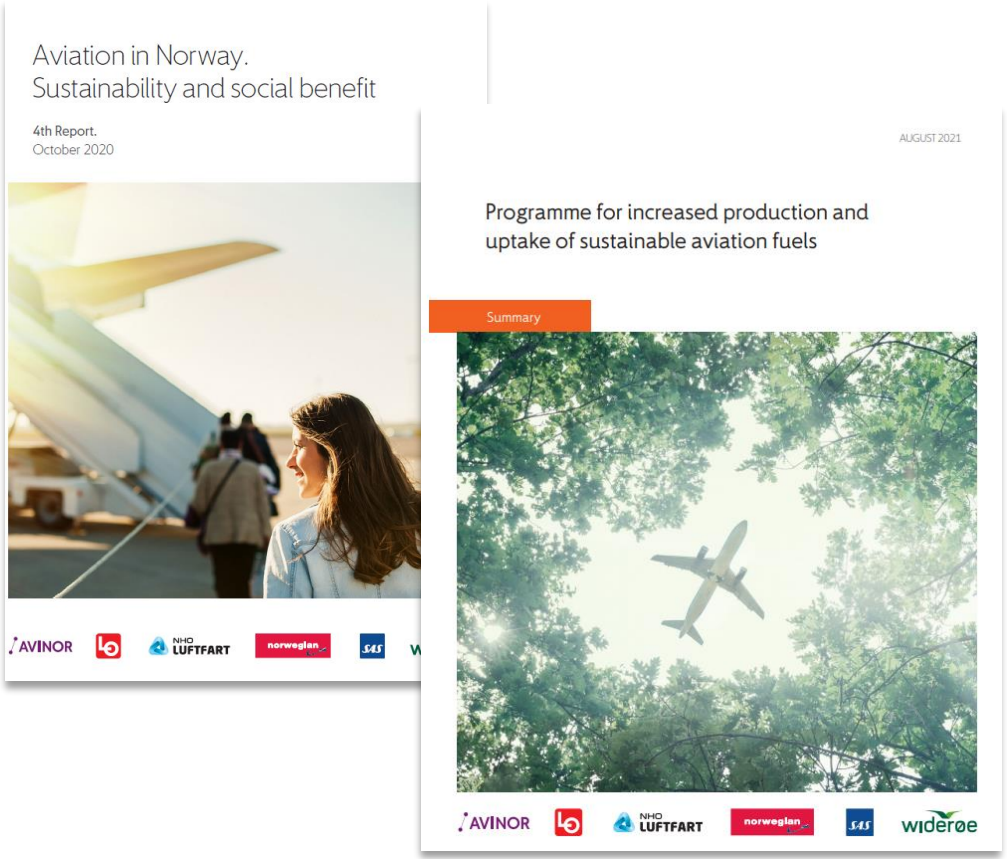
SAF needed to reach the goal of fossil free aviation by 2050



3 main recommendations from Norwegian aviation

- An aviation fund
- Accounting and reporting
- Aviation21: a collective effort

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The Nordics

- Aviation plays an important role in society
- Ambitious climate targets and early users

- Well positioned;
  - Forest and marine resources
  - Renewable electricity
  - Established and planned production

NESTE

Silva Green Fuel	HTL
Biozin	IH2*
Norsk E-fuel	Ptl – H I (SOEC)
Nordic electrofuel (Nordic Blue Crude)	PtL – FT (RWGS)
BioFuel Development	ATJ
Mo Industrial e-fuels	PtL - ThyssenKrupp

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