Deployment of Sustainable Aviation Fuels

Jonas Rorarius
Head of Supply Chain Compliance at Neste

NESTE

Neste journey so far

Transformation from traditional refining into a business that is all about climate change

3rd most sustainable company in the world

Growth based on becoming world leader in renewables, low-carbon solutions, renewable chemicals, services and focus on customer value

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2018
Neste in numbers

1,422 M€ operating profit of which 69% came from renewables
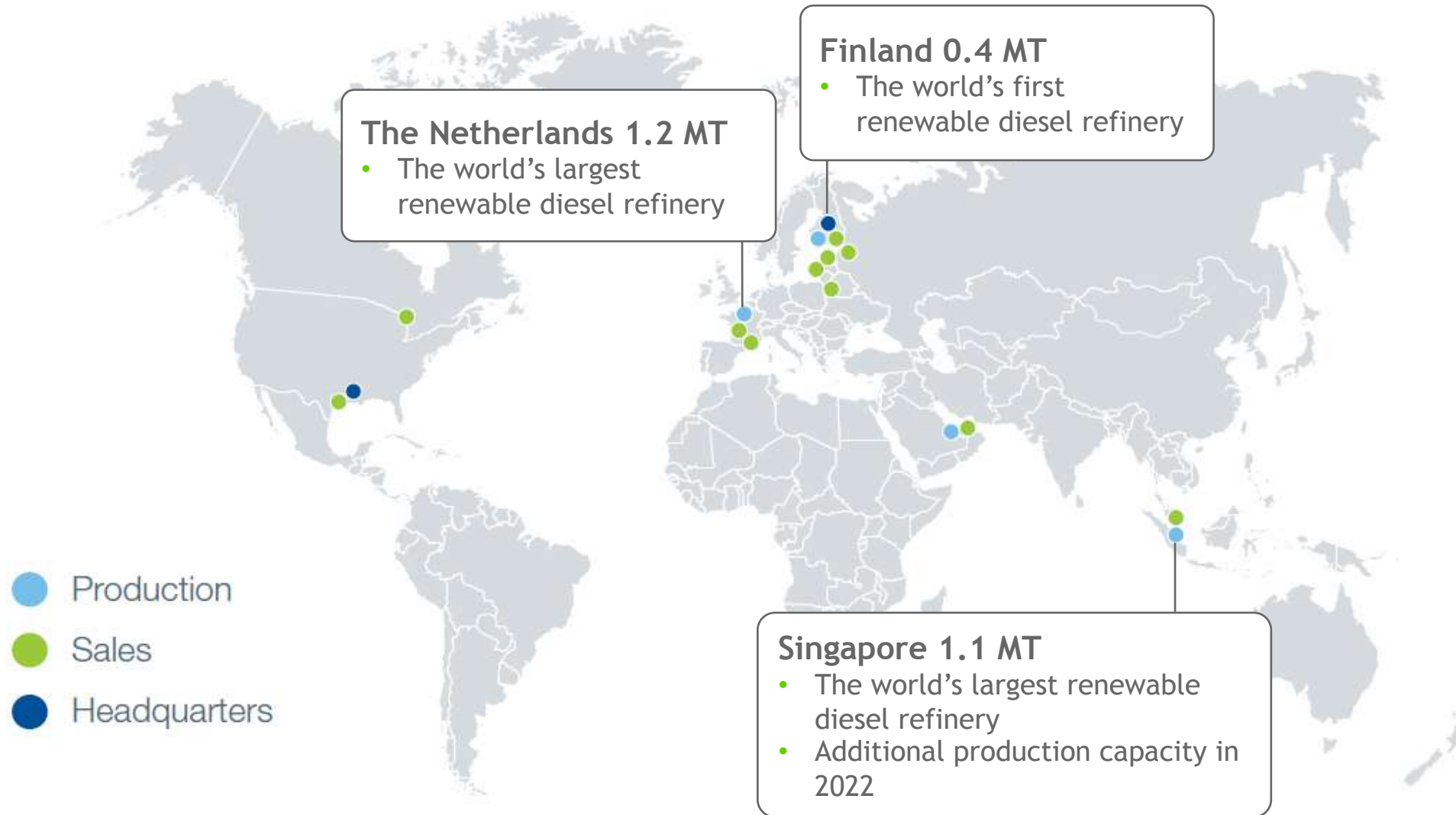
Share of waste and residue raw materials 83%

Renewable fuels cut global climate emissions by 7.9 MT*

*Carbon footprint of 1.2 million average EU citizens / 3 million cars removed from the roads for a year

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World's largest producer of Renewable Diesel

Production capacity of 2.7 million tons / 21.2 million barrels

Finland 0.4 MT
- The world's first renewable diesel refinery

The Netherlands 1.2 MT
- The world's largest renewable diesel refinery

Singapore 1.1 MT
- The world's largest renewable diesel refinery
- Additional production capacity in 2022

Production

Sales

Headquarters

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Neste Green Hub

Helps aviation stakeholders find the best possible solutions to decarbonize aviation

- Logistics
- Collection of local feedstocks
- Green Hub & funding solution design
- Sustainability services
- Renewable: Plastics -in-cabin and terminals, Packaging materials, Detergents, Transformer oils, De-icing fluids

NESTE MY
Renewable Jet Fuel

NESTE MY
Renewable Diesel

NESTE

Neste MY Renewable Jet Fuel™

High quality sustainable aviation fuel.

ISCC certified fuel made from 100% renewable raw materials

Up to 80% reduction in GHG emissions over the fuel's lifecycle

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Neste cooperation with leading aviation brands

2011	2014	2016	2018

Lufthansa

Hydroprocessed Esters and Fatty Acids (HEFA) used in 1,187 scheduled flights

BOEING

Testing begins on the HFP HEFA for a new RJF specification

Lufthansa / KLM / SAS

Oslo Gardermoen the world's first airport to offer HEFA to all flights (ITAKA)

American Airlines / Alaska / UPS

Multiple collaboration agreements with airlines

DFW / SFO

Multiple agreements with airports & others to explore Green Hub and supply chain

air bp

Collaboration to support supply chain development

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Neste's significant commitment to make aviation more sustainable

SINGAPORE
Neste's 1.3 MT capacity growth for renewable products, among others renewable jet fuel

Total renewable product capacity 4.5 MT annually in 2022

TODAY
Scaling up towards continuous production of Neste MY Renewable Jet Fuel™

BY 2022
Production increase to significant volumes to meet the demand

The only way is forward

NESTE

We are on the journey to Decarbonize Aviation

ARE YOU READY TO JOIN US?

decarbonizingaviation.com

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