



ICAO SEMINAR ON GREEN AIRPORTS

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Neste

Session 6: Era of Sustainable Aviation Fuels (SAF), Lower Carbon Aviation Fuels (LCAF) and other Aviation Cleaner Energies



Neste in a nutshell

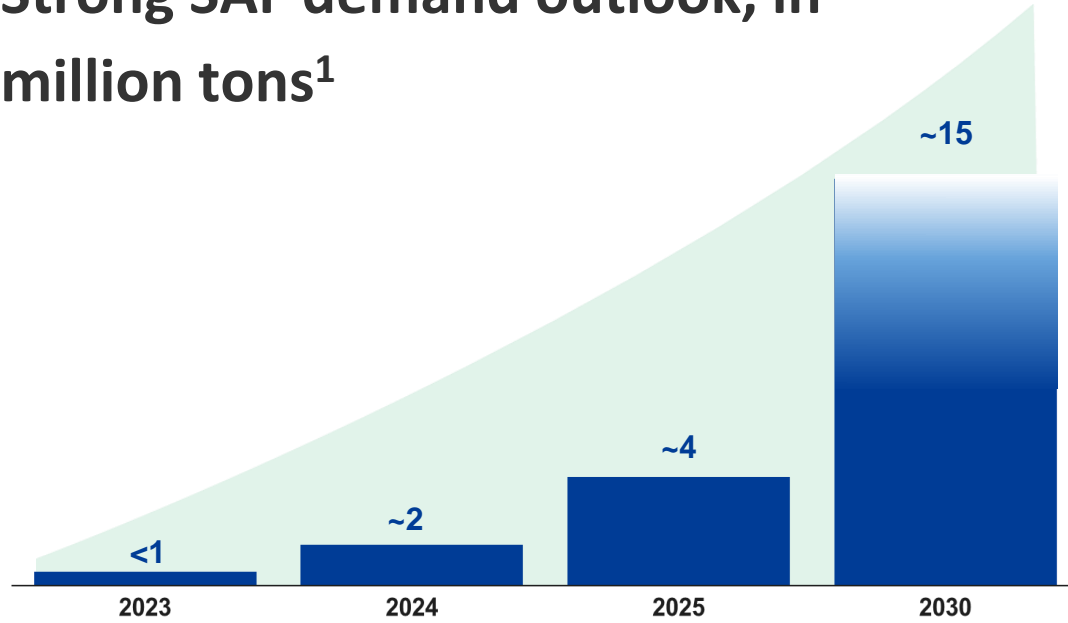
- We create solutions for combating climate change and accelerating a shift to a circular economy.
- We refine waste, residues and innovative raw materials into renewable fuels and sustainable feedstock for polymers and chemicals.
- We are the **world's leading producer of sustainable aviation fuel** and renewable diesel, and renewable feedstock solutions for various polymers and chemicals industry uses. We are also developing chemical recycling technologies and capacity to combat plastic waste challenge.
- We are committed to supporting our customers to reduce their greenhouse gas emissions by at least 20 million tons of CO₂e annually by 2030



Aviation has committed to achieving net-zero emissions by 2050

- Aviation accounts for **2-3 % of global carbon emissions** - growing to **>20%** by 2050 if action not taken
- In addition, **non-CO₂ effects**, like contrails, have approximately **3 times higher climate impact** than CO₂ emissions alone
- The aviation industry has set a goal of achieving **net zero carbon emissions by 2050**
- CAAF/3 set an **intermediary goal of 5% carbon intensity reduction** by 2030 through the use of SAF and LCAF
- **Sustainable Aviation Fuel (SAF)** identified as a **key lever** in helping achieve these goals

Strong SAF demand outlook, in million tons¹



SAF mandates in place or expected by 2025

~30
countries and states

SAF incentives and programs by 2025

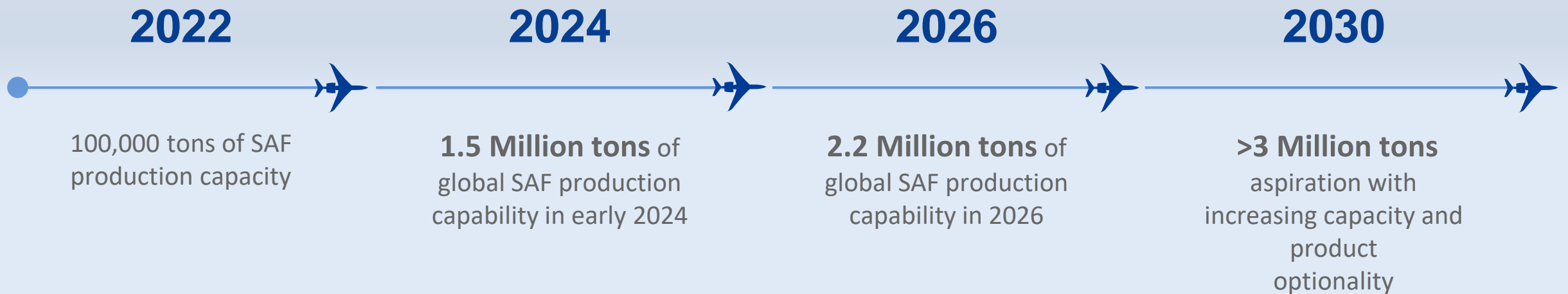
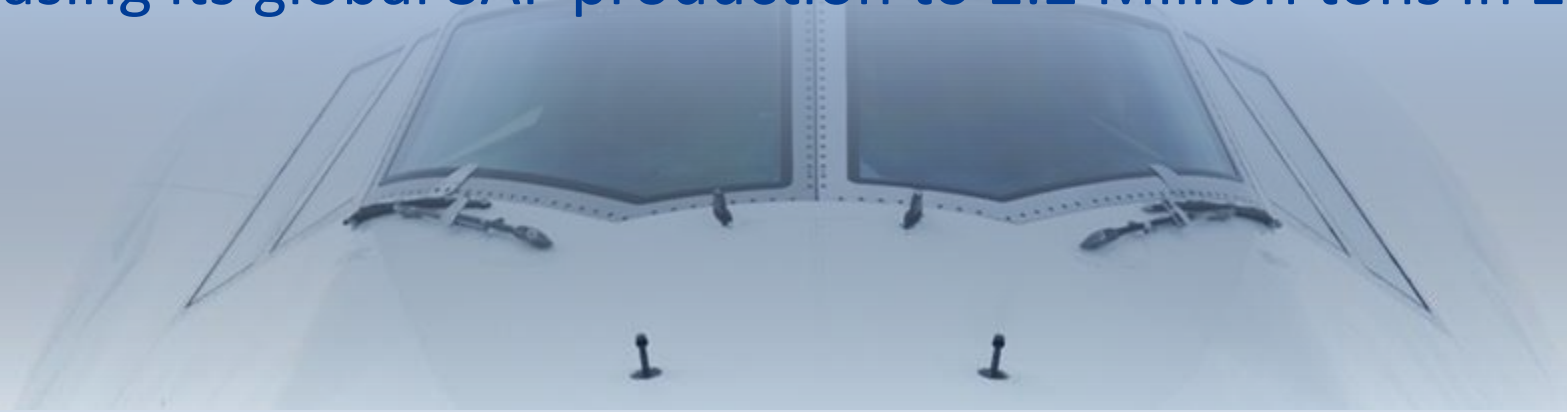
18
countries, states, airports

Sources: (1) Neste analysis based on a.o. [IATA](#), [IEA](#), [Argus](#), (2) Neste analysis based on fossil jet fuel and SAF outright prices, a.o. [Argus](#), [S&P Platts](#)



Taking Charge of Change

Neste is increasing its global SAF production to 2.2 Million tons in 2026



Key deliverables for accelerating SAF availability



Governmental policy support



Ramping-up SAF production and usage



Access to airport infrastructure



The role airports play in the SAF and energy transition

- Enable access to the airport fuel infrastructure for SAF suppliers
- Stimulate SAF uptake by visiting carriers
- Help increase the awareness of SAF as a solution to reduce travel emissions among travellers
- Transition own activities to more sustainable alternatives such as electric or renewable diesel powered equipment

Thank You

