



Marc Hamy
Airbus, Vice President Corporate Affairs



Sustainable

together
we are
able

ICAO Stocktaking Seminar

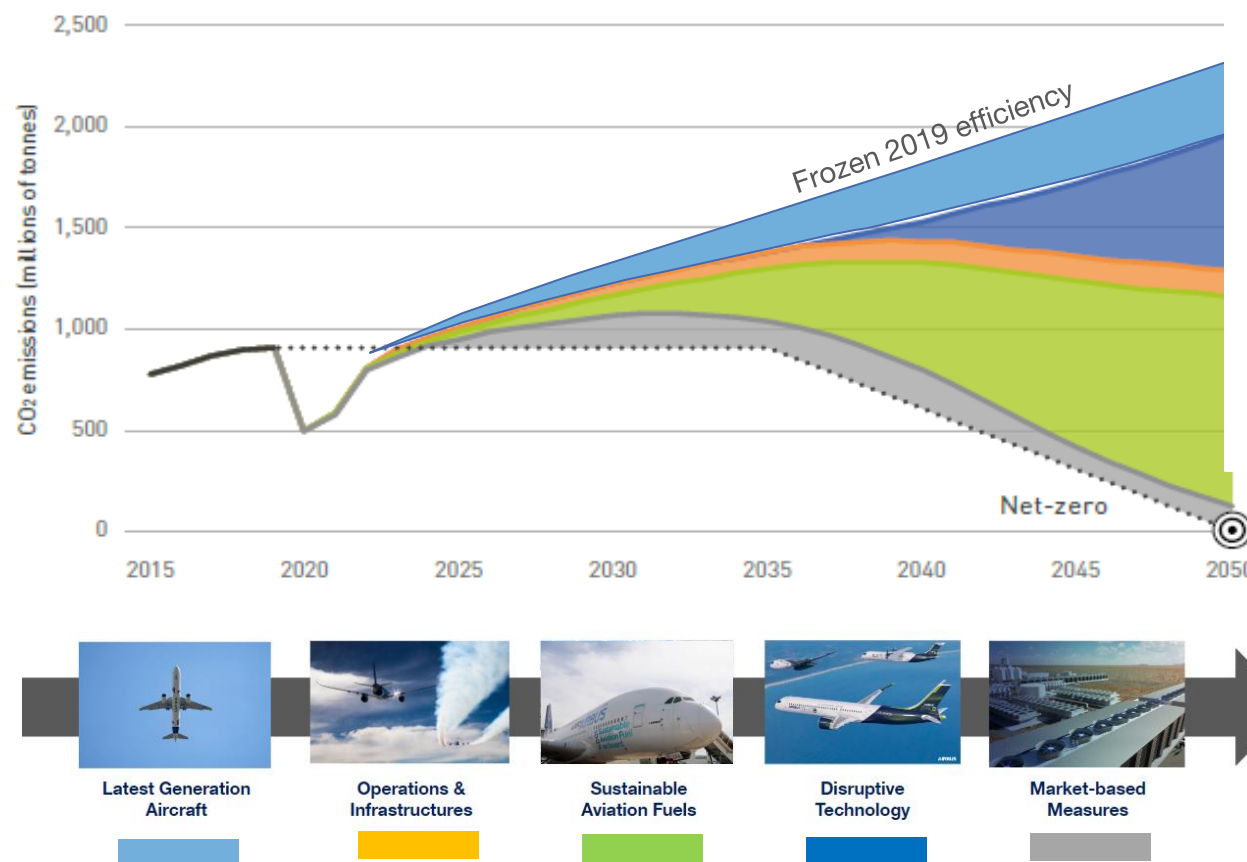
Enabling the aviation cleaner aviation transition

Presented by: Marc Hamy
Airbus Vice President Corporate Affairs

AIRBUS

A clear goal coming from the LTAG and a set of solutions defined in collaboration with the industry

ATAG waypoint 2050



The implementation of this roadmap requires both individual and collective efforts

Airbus main objectives

2030

Reduce **by 63% Scope 1 & 2** industrial emissions by 2030 compared to 2015 (Target validated by the **Science Based Targets** initiative (SBTi))

Offer **100% SAF capability** on our commercial aircraft

2035

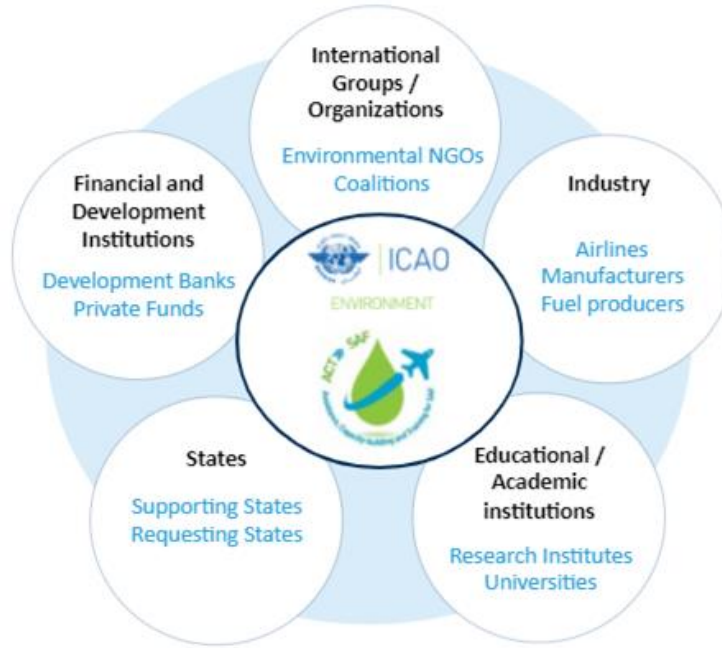
Reduce **by 46%** the CO₂ emissions intensity generated by our commercial aircraft (**Scope 3 - Use of Sold Products**) by 2035 compared to 2015 (Target validated by the **Science Based Targets** initiative (SBTi))

Be the **1st major manufacturer** to offer a hydrogen-powered aircraft

2050

Support the aerospace industry's decarbonisation roadmap, set by ATAG and IATA, to **reach 'net-zero' carbon emissions by 2050**

Airbus is a partner of ICAO ACT-SAF



Airbus: officially partner of ACT-SAF since March 2023

- **Catalyst** for the settlement of adequate platforms
- SAF value chain **expertise**
- Contributor to **ASTM** work on road to 100% SAF



“The programme aims at providing tailored support for States in various stages of SAF development and deployment, facilitate partnerships and cooperation on SAF initiatives under ICAO coordination and serve as a platform to facilitate knowledge sharing and recognition of all SAF initiatives around the globe.”

Airbus partnerships on SAF expanding worldwide

15 July 2021

Sustainability

Airbus joins Canada's SAF+ Consortium to accelerate the development of a new Sustainable Aviation Fuel technology



19 June 2022

Commercial Aircraft

Qantas and Airbus joint investment to kickstart Australian biofuels industry



09 November 2022

Sustainability

Airbus and partners facilitate SAF commercial flights in China



30 November 2022

Sustainability

Airbus and Neste join forces on SAF development to decarbonise aerospace



30 March 2023

Sustainability

Queensland biofuel refinery to turn agricultural by-products into sustainable aviation fuel



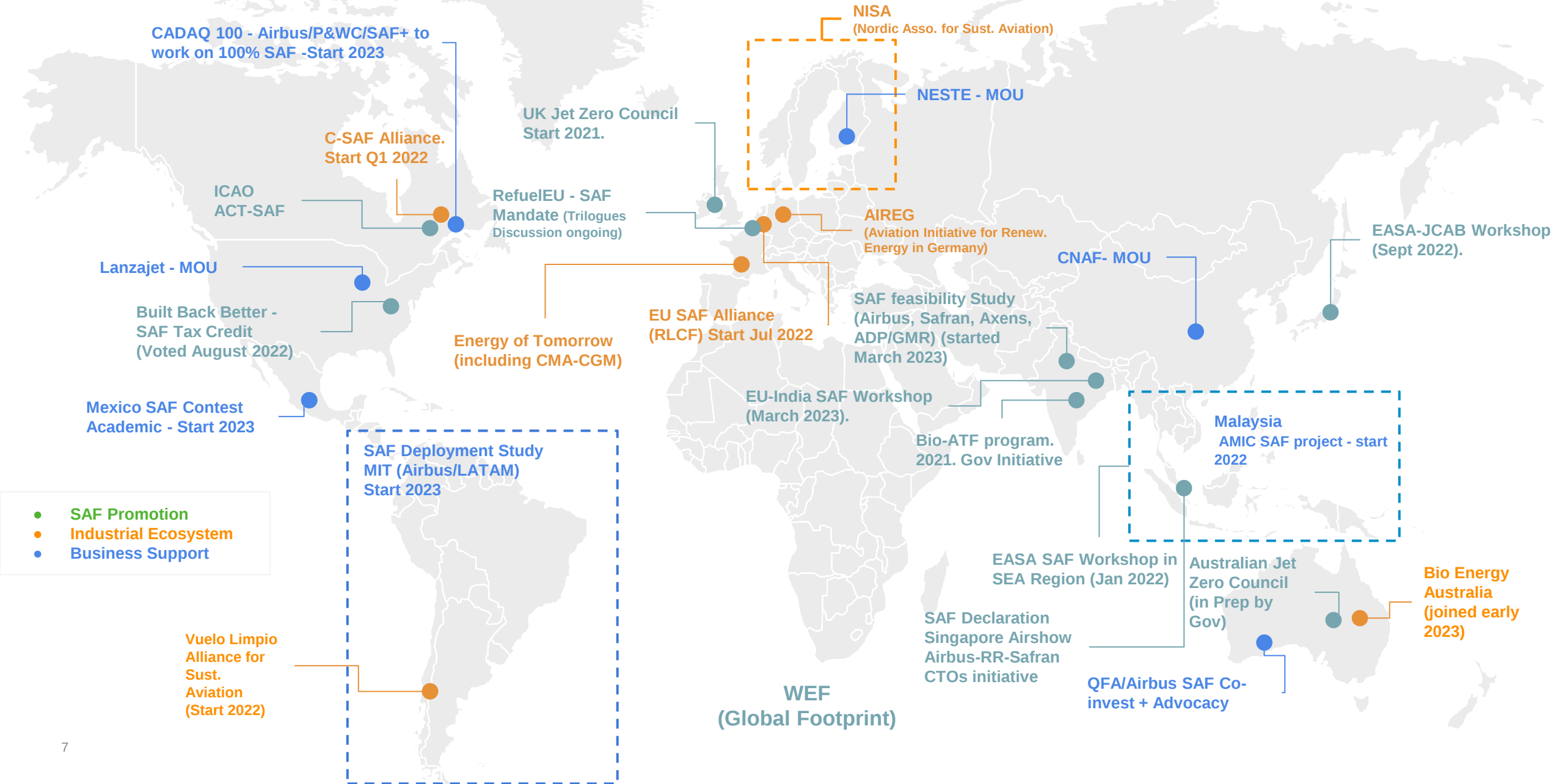
Le Bourget, June 22, 2023

LanzaJet

AIRBUS

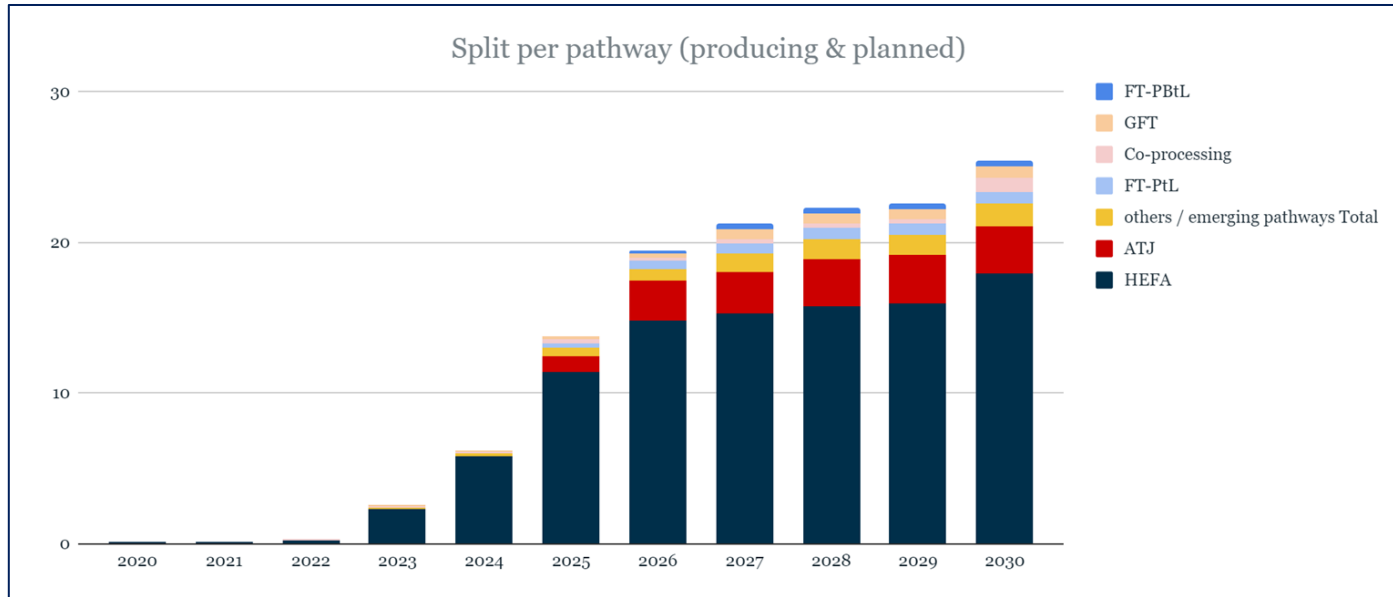
Airbus and LanzaJet
to Collaborate on
Sustainable Aviation Fuel

Fostering partnerships and collaborations all over the world



SAF production and demand to the horizon 2030

Worldwide offer (based on public announcements)



Worldwide demand (based on public announcements)

- 40+ Airlines consuming more than 50% of 2019 jet fuel, are pledging for **10% SAF in 2030 or more**
- **50 offtakers** (incl. 37 airlines) have concluded a cumulative volume of **>44Mtons** of SAF offtakes since 2016
- Half of the offtakes concern the leading SAF pathways - **AtJ (29%)** and **HEFA (23%)** but SAF producers also increasingly explore the **emerging pathways** (including e-fuels).

- The production planned represents 5% to 7% of the total fuel demand in 2030.
- Mainly relying on HEFA but a diversification has started with other pathways as AtJ, Co-Processing, GFT, PbL, PtL, etc.
- The production stays concentrated in the US and in Europe for the time being.
- Great opportunity for the other regions of the world to enter into this emerging market.
- And fulfill the gap between demand and offer

ICAO “Conference on Aviation and Alternative Fuels” CAAF/3

A great opportunity to join forces again around ambitious and collective objectives with:

- **Quantified** and collective ICAO Vision/goals for SAF
- **Policies:** each Member State implementing SAF policies to encourage SAF development in its own country and contribute to the global objective.
- **Implementation:** assistance, capacity-building and training, feasibility studies, pilot projects
- Continued harmonized-approach on fuel **sustainability criteria** and certification schemes
- **Access to public & private finance** for the development and deployment of SAF

Thank you

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