

**SAF Training for ACI & AFRAA**  
April 23rd, 2025

# Airbus' Sustainable Aviation Fuel journey: acting as a catalyst for global SAF development

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Head of SAF & CDR Global Ecosystem  
AIRBUS

**AIRBUS**



Our

# purpose

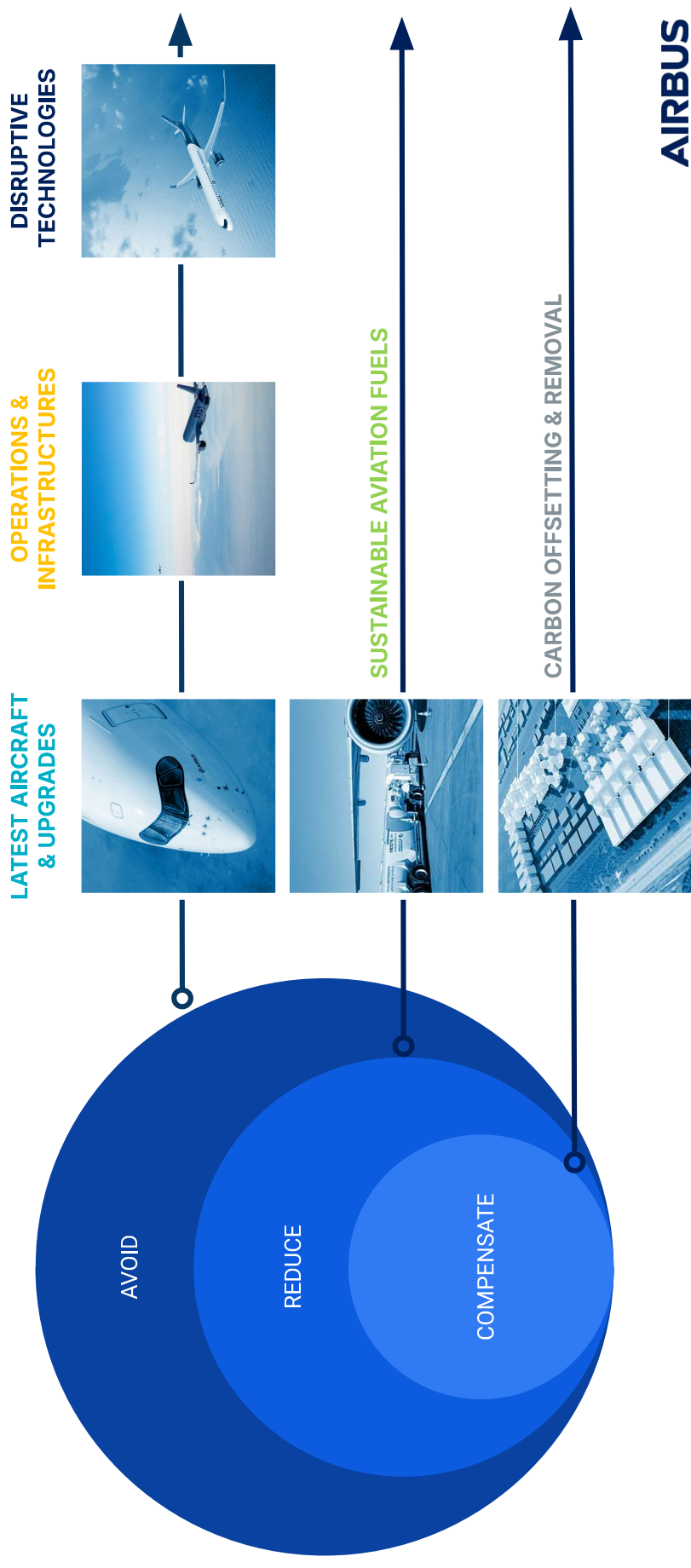
We pioneer sustainable  
aerospace for a safe  
and united world.

Airbus Amber

**AIRBUS**

# Aviation's decarbonisation roadmap

A portfolio of levers and a hierarchy of actions





# REDUCE > Sustainable Aviation Fuels



## Advocacy

Efforts with **regulatory bodies** and **industry associations** to develop consistent frameworks for SAF developments

## SAF Technical Leadership

**Support of SAF production pathways** approval and use in aircraft

## Demand Aggregation

Intermediary role, **consolidating SAF demand** from customers **to match SAF supply**, using Airbus unique positioning in the value chain

## Investment

**Financial participation in SAF projects and/or companies**

# The challenges of SAF

In 2024 SAF accounted for

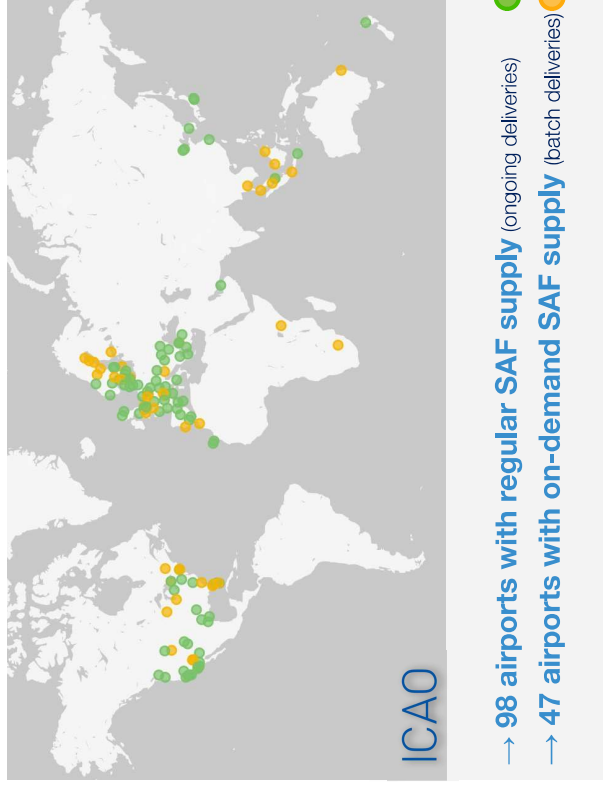
**0.3%**

**of global jet fuel production,**  
doubling the amounts produced  
in 2023

Currently, SAF is

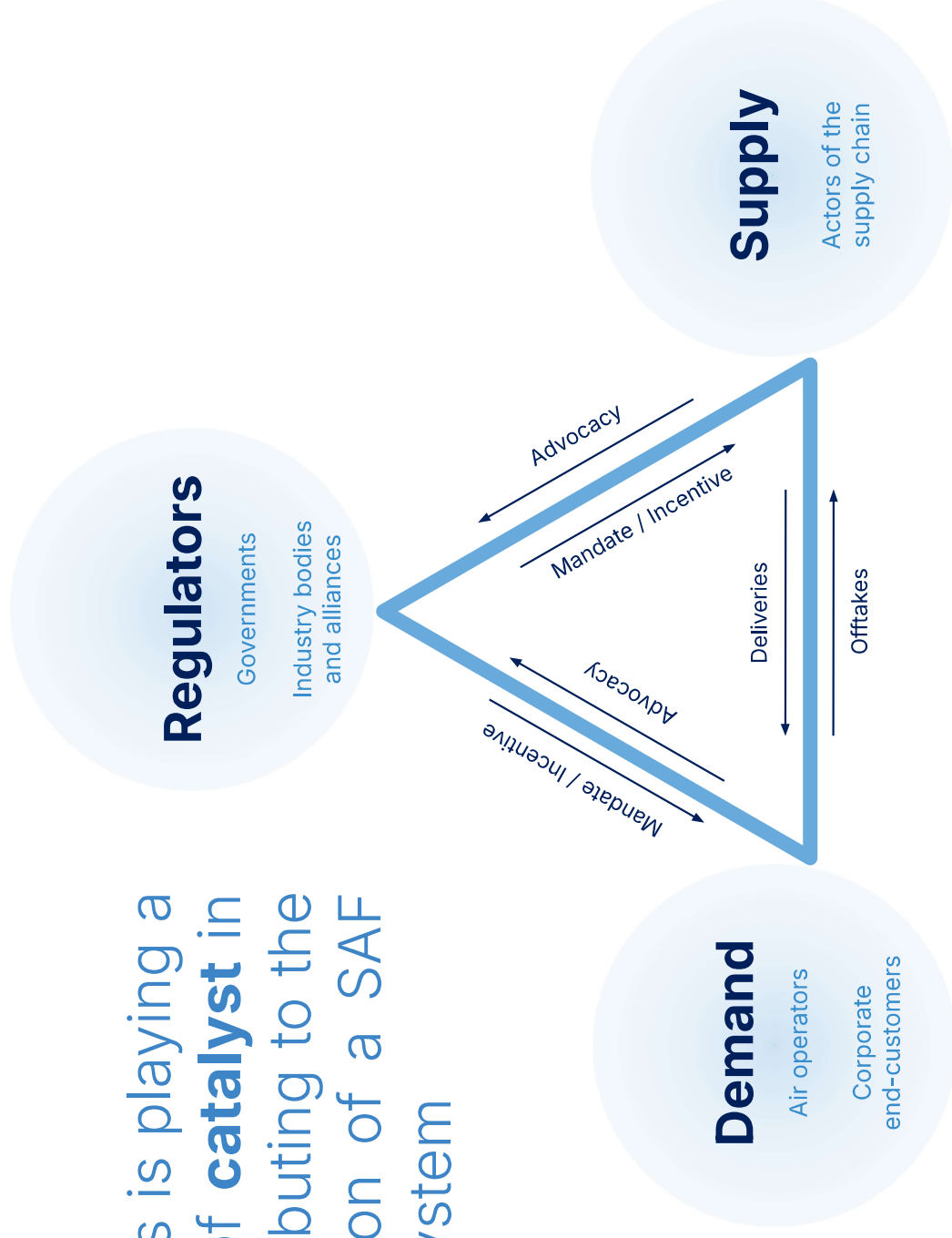
**3 to 5**

**times more expensive** than  
conventional (fossil-based)  
aviation fuel



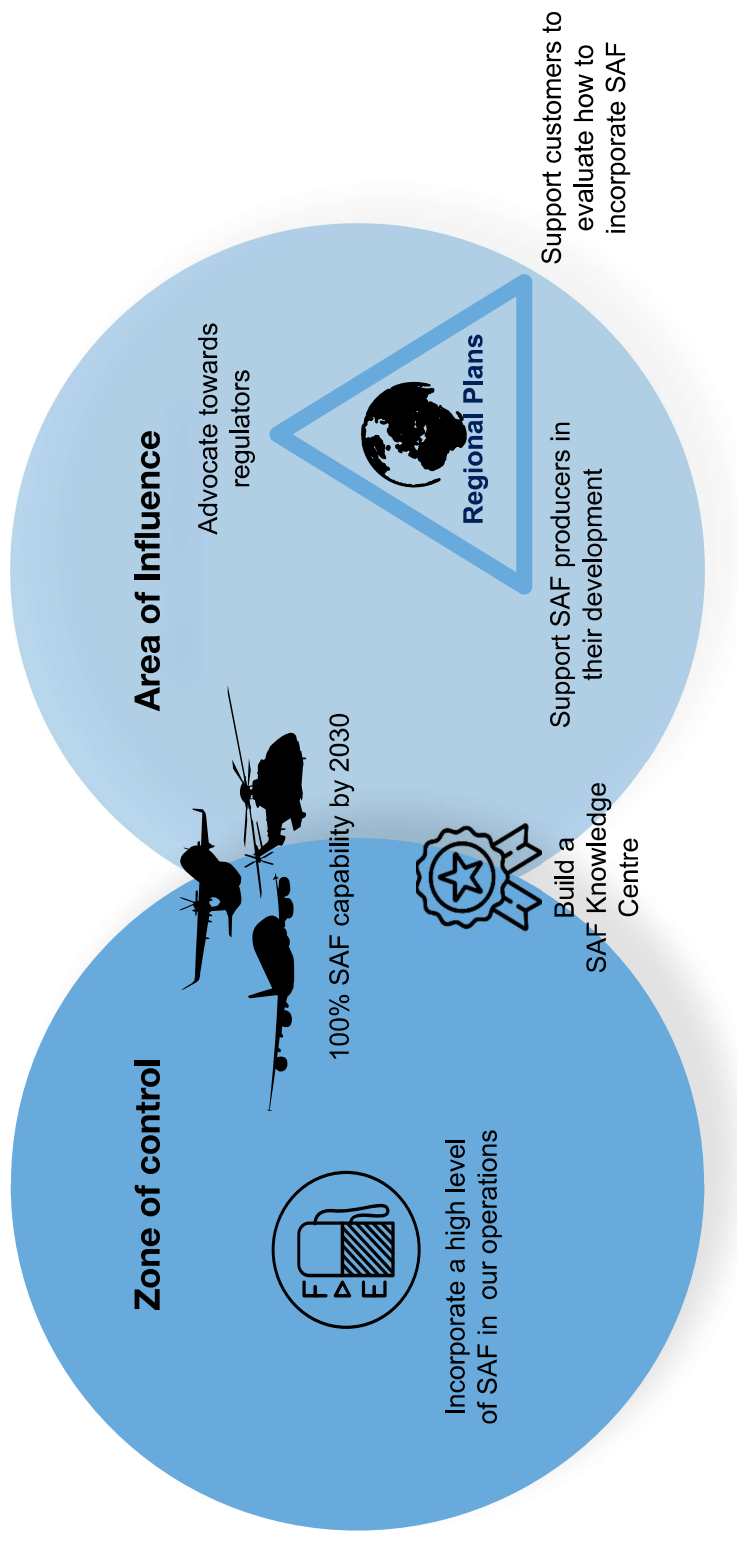
Despite a growing interest, SAF is still out of reach for many potential customers

Airbus is playing a role of **catalyst** in contributing to the creation of a SAF ecosystem



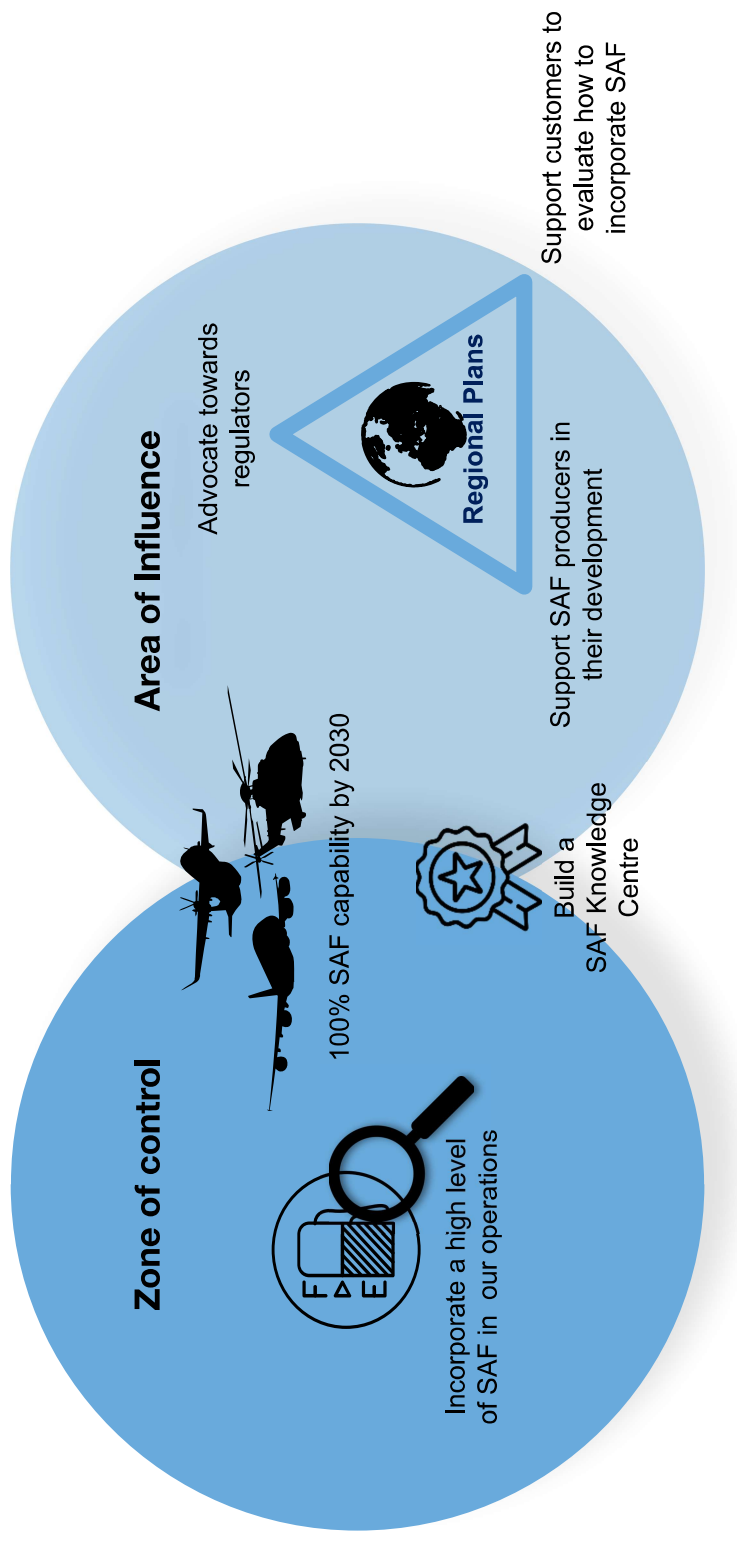
# Airbus' SAF objectives

Develop a strategic approach supporting a worldwide ambition:  
10% SAF uptake at global level by 2030



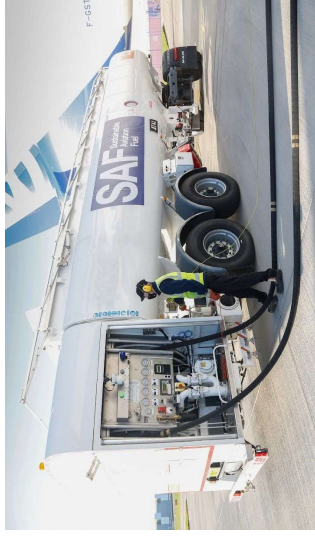
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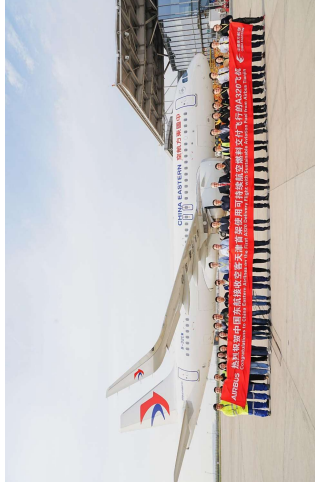
## 2024 SAF Achievements in Airbus Commercial Aircraft



More than **14 Million**  
litres of pure SAF

Representing **16%\*** of pure SAF  
amongst our total fuel use and a  
quantity of 34K tonnes of CO<sub>2</sub> avoided

**Half of** Beluga flights  
took off with SAF  
onboard



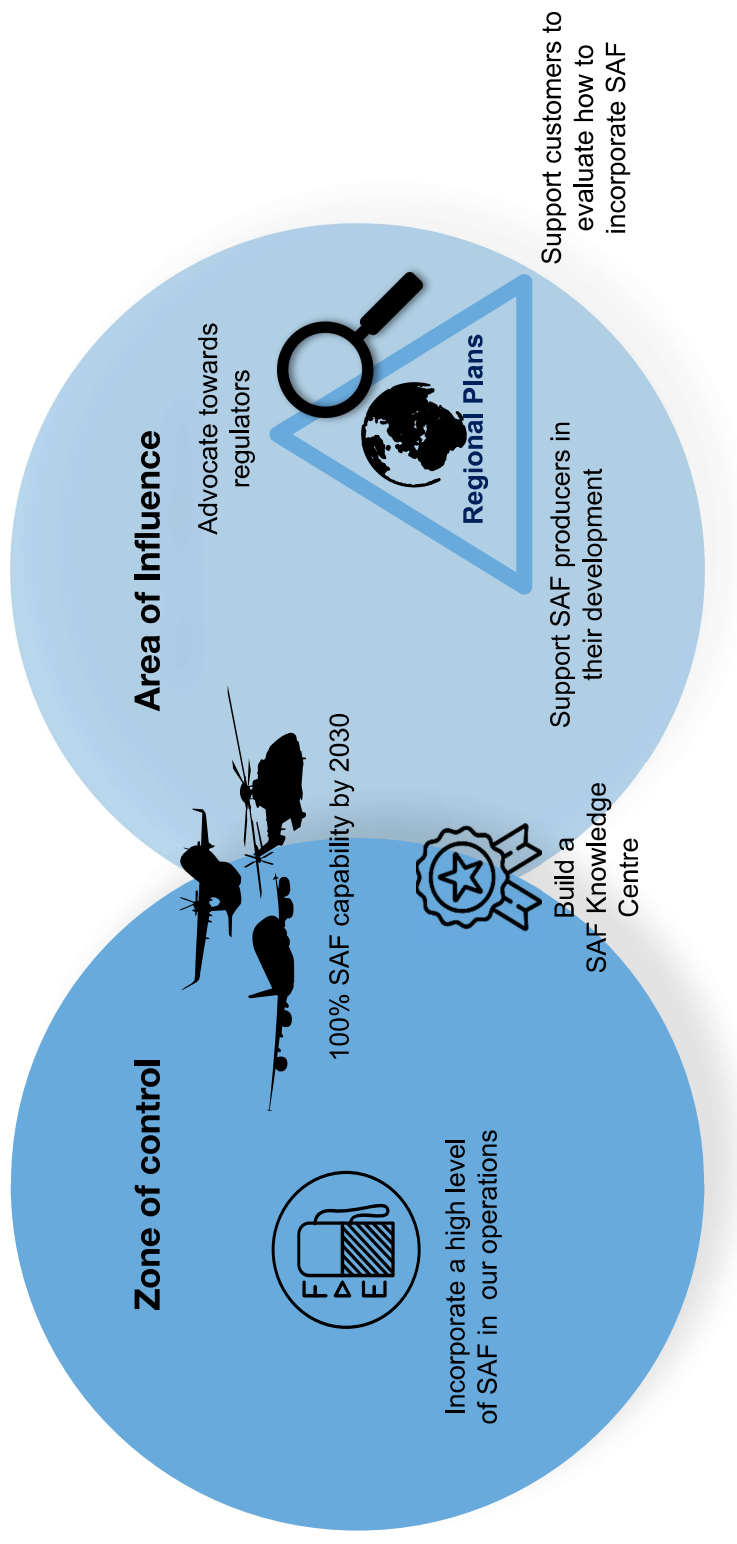
**5% pure SAF** at no  
extra cost for  
customers

SAF Commercial Policy in  
Hamburg, Toulouse, Tianjin and  
Mobile

\* beyond the company objective of 15%

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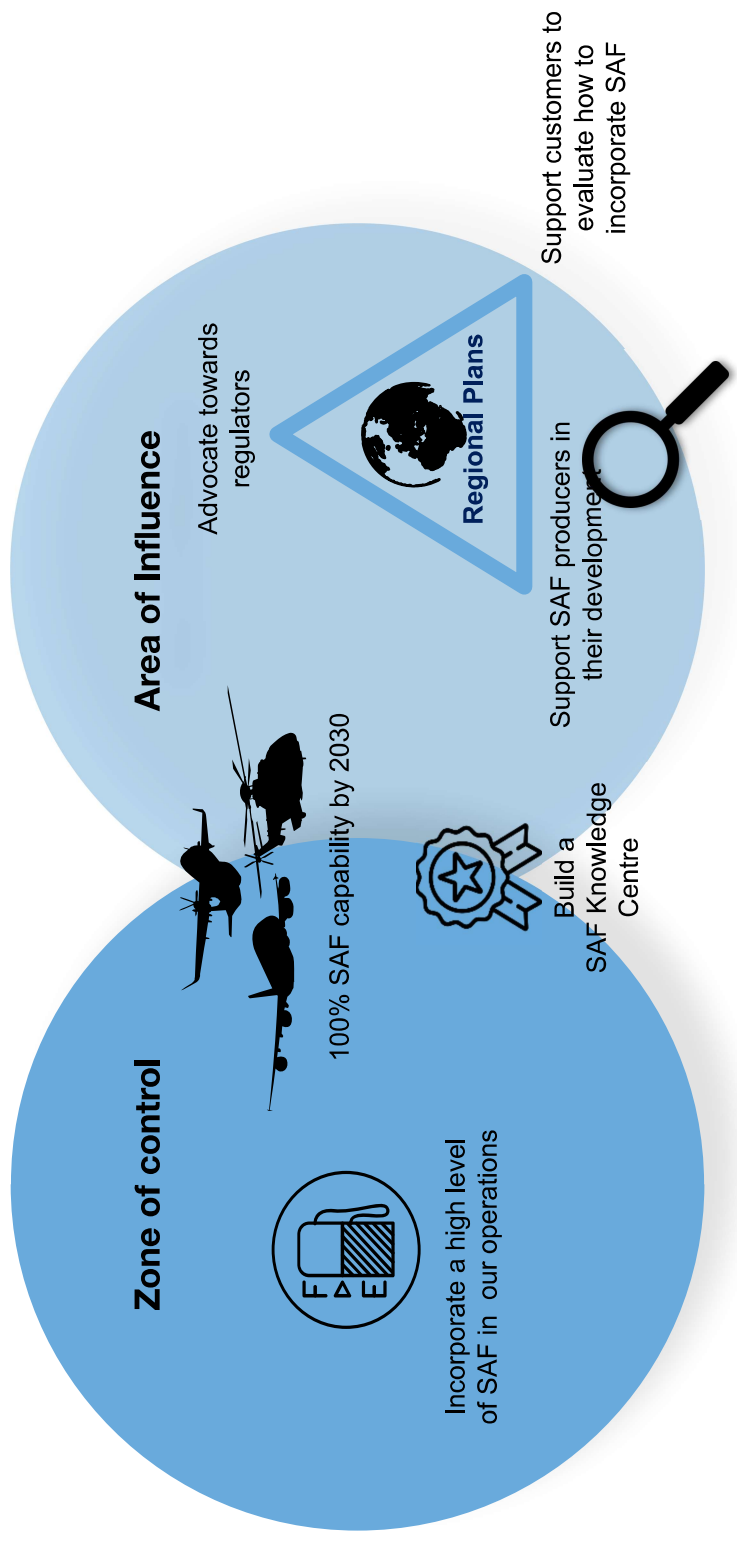
# Partnerships for success

|   |  |  |
|---|--|--|
| Airlines<br>Lessors   | <ul style="list-style-type: none"> <li>Joint investment to accelerate the SAF industry in Australia</li> <li>SAF in business travel</li> <li>Airbus Book &amp; Claim Demonstrator</li> </ul>   |       |
|   | <ul style="list-style-type: none"> <li>\$200M to anchor investment, Limited Partner</li> <li>Airbus, Air France - KLM, Associated Energy Group, BNP Paribas, Burnham Sterling, Mitsubishi HC Capital and Qantas</li> </ul>   |       |
| Sustainable Aviation<br>Fuel Financing Alliance<br>(SAFFA)                |  |  |
| Energy providers  | <ul style="list-style-type: none"> <li>Stimulating the SAF market with a growing SAF uptake in Airbus internal operations</li> <li>Exploring opportunities to promote the production and use of SAF</li> <li>Focus on technical development</li> </ul>   |                        |
|   |  |  |
| Suppliers<br>Industrial partners<br>Institutional research / universities | <ul style="list-style-type: none"> <li>100% SAF flight test campaigns - VOLCAN &amp; ECLIF3 projects</li> </ul>  |       |
| Industry<br>associations<br>Policy makers                                 |      |  |

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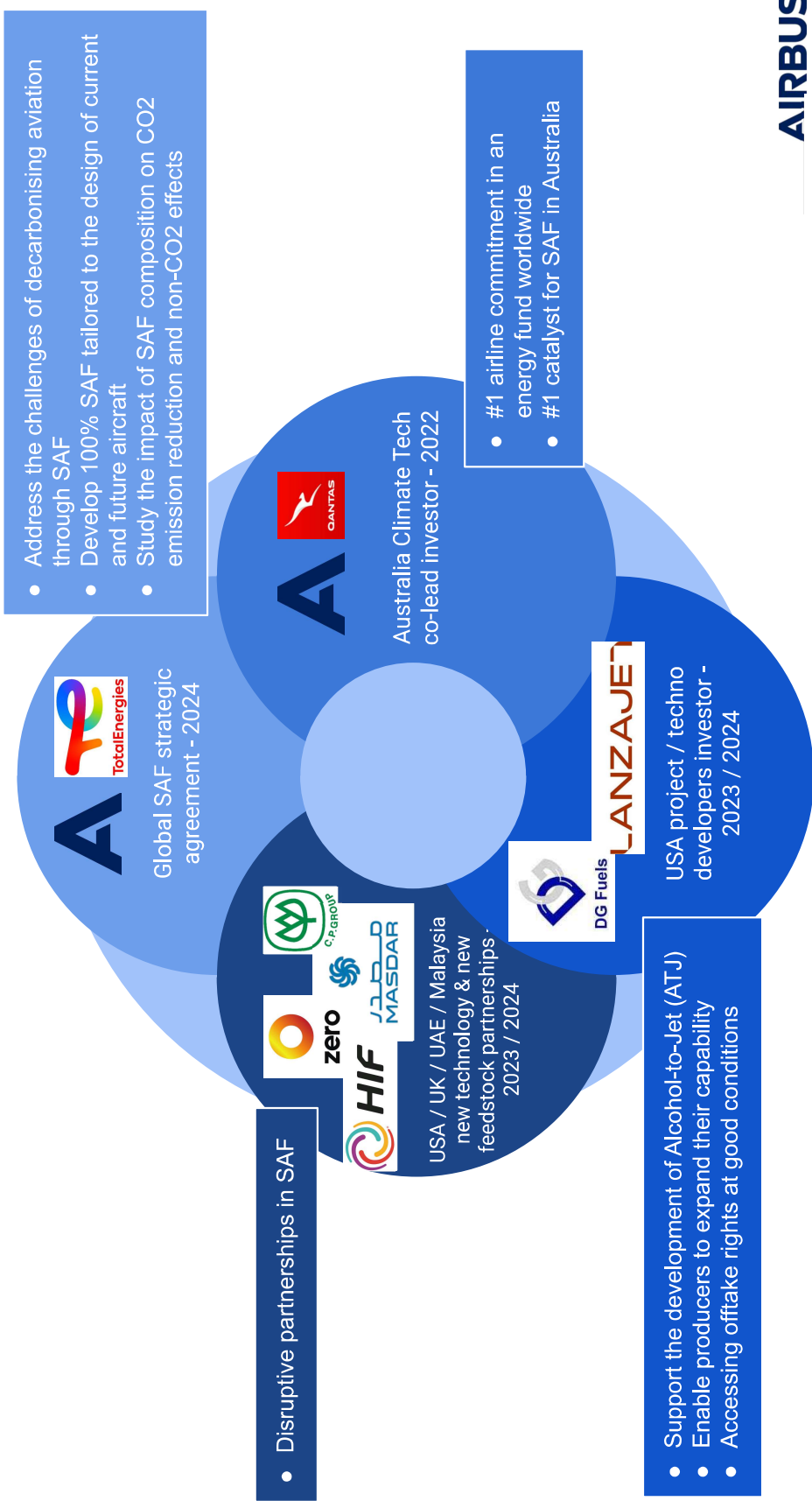
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# Partnering with energy providers - some key examples

Airbus Amber

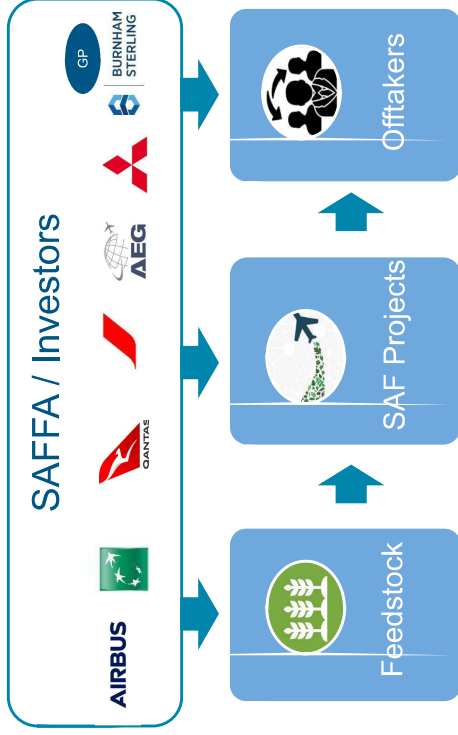


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# SAFFA Fund to stimulate SAF production

Airbus Amber



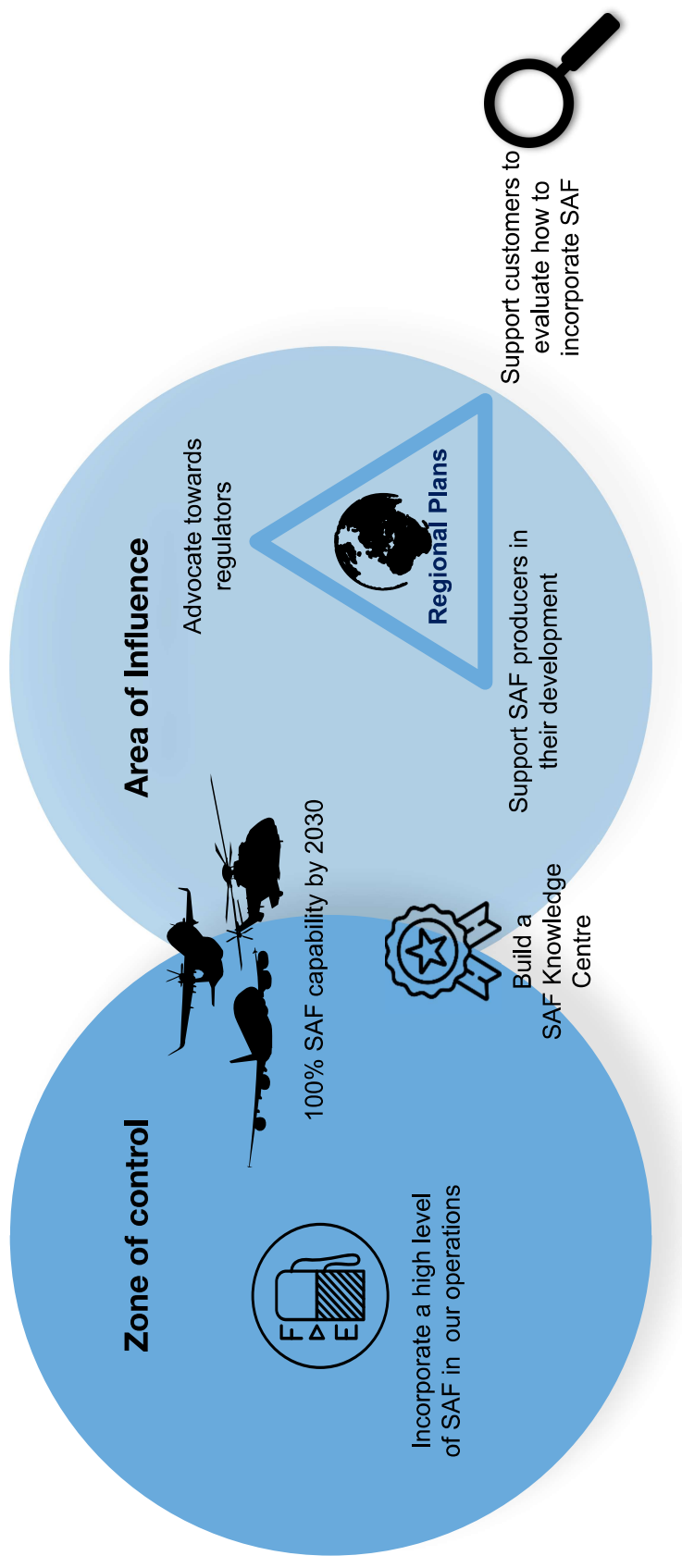
## Objectives

- Be a catalyst and innovator in the sector
- Accelerate ramp-up in SAF production
- Stimulate sector SAF usage of 10% by 2030
- Stimulate and support financing of SAF production facilities
- Generate offtakes for our customers & investors as soon as 2027

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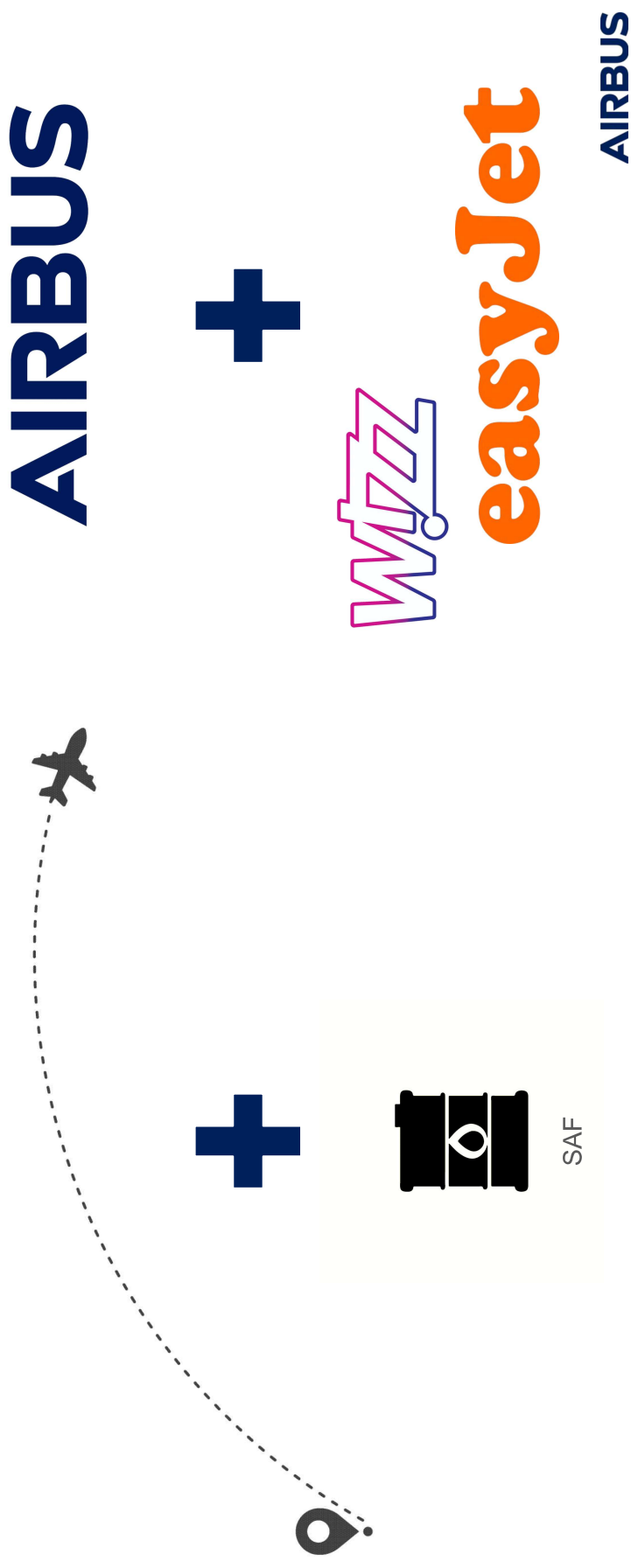
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## SAF Lighthouse - What is it?

Regular commercial operation with SAF, for an extended period, on a specific city pair



### Airline engagement on SAF

- Development of a dedicated SAF offer by the airline
- Demonstration of the viability of the concept

### Learning tool

- Address SAF concrete challenges first hand (e.g.: supply, logistics, price, demand)
- Collect learnings on voluntary demand (e.g.: passengers' level of awareness and willingness to pay)

### Communication / Advocacy tool

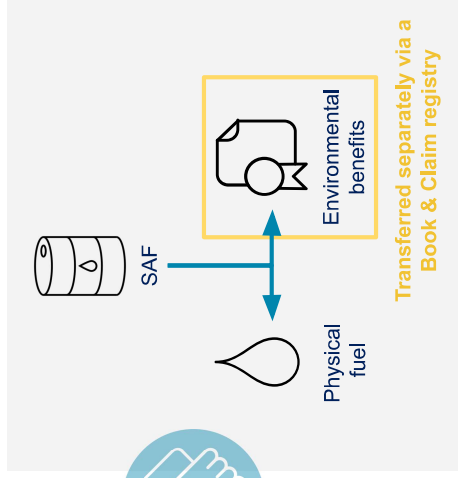
- Airbus and partner airline jointly addressing the media
- Concrete tool to illustrate the challenges and "walk the talk" initiatives
- Connection with other stakeholders (e.g.: airports, energy providers)

# Airbus SAF Book & Claim Demonstrator

TEST  
the BOOK & CLAIM CONCEPT

DEMONSTRATE,  
COMMUNICATE and ADVOCATE

Airbus as your  
aggregation and  
facilitation partner to  
supply and retire SAF  
certificates



- ⇒ **Simplify the overall supply and operations of SAF Certificates**
- ⇒ **Understand and explore together with Airbus** a robust SAF Book & Claim solution for aviation
- ⇒ Opportunity **to engage your ecosystem** and test the flow of SAF environmental attributes in order to:
  - Attract customers & passengers
  - Attract investments & investors
  - Increase employee engagement and satisfaction
- ⇒ **Anticipate and Prepare** for the future



SAF supplier

**AIRBUS**



**RSB**



Our clients  
(as transport provider)



Their corporate clients  
(as aviation end-customers)

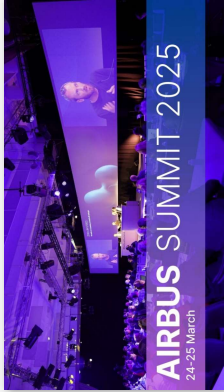


# Airbus SAF Book & Claim Demonstrator

Airbus Book & Claim  
Demonstrator  
**Press release**



✓ Issued on March 24th  
2025 during the Airbus  
Summit



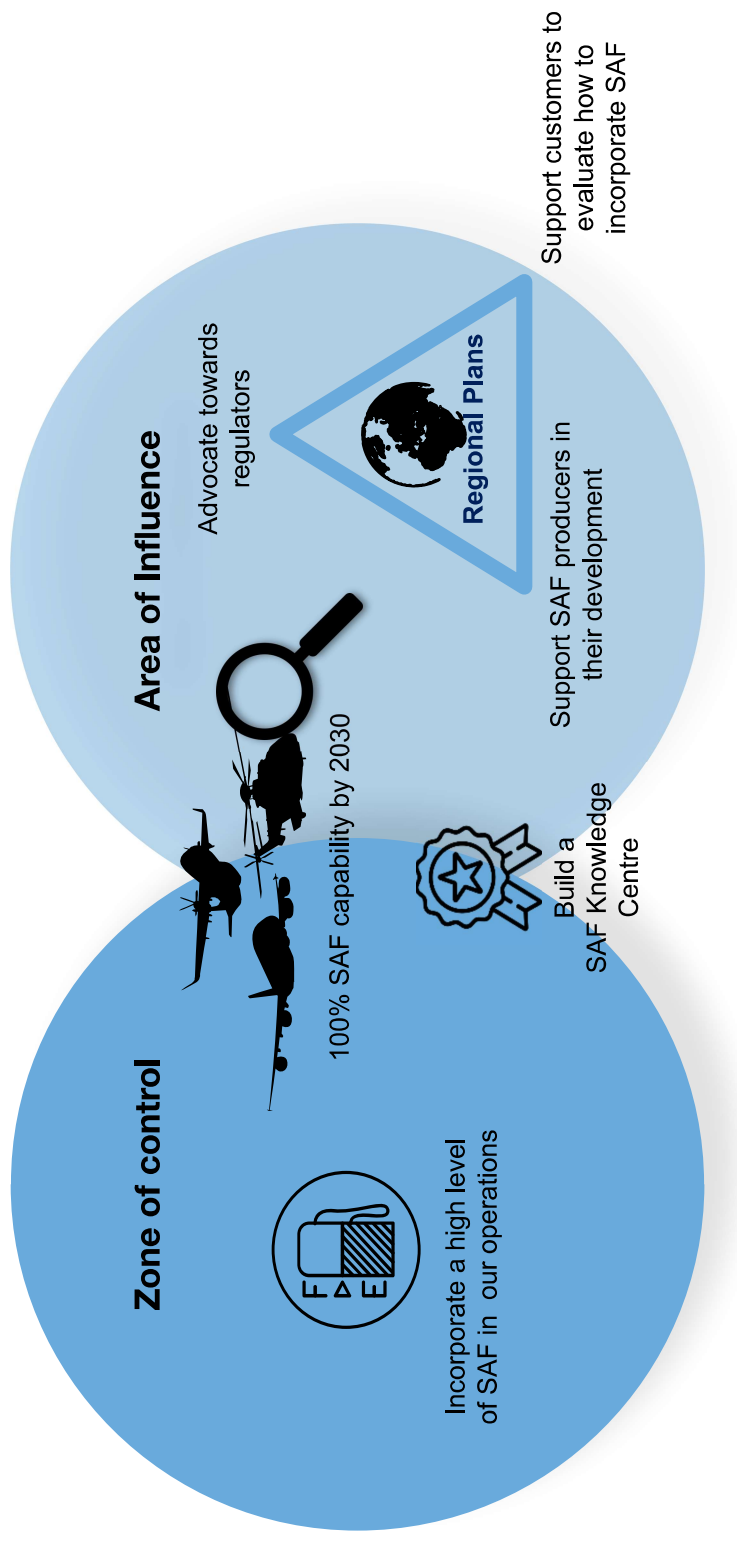
As of today,  
Memorandum of Understanding signed with **8 early adopters**



+ 1 undisclosed aircraft  
operator

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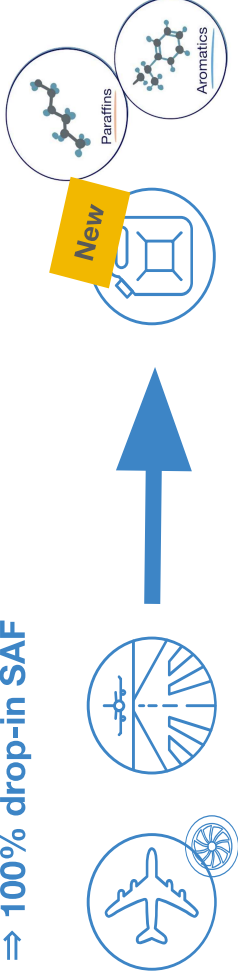


# The road to 100% SAF Capability

Two approaches to 100% SAF are currently under investigation

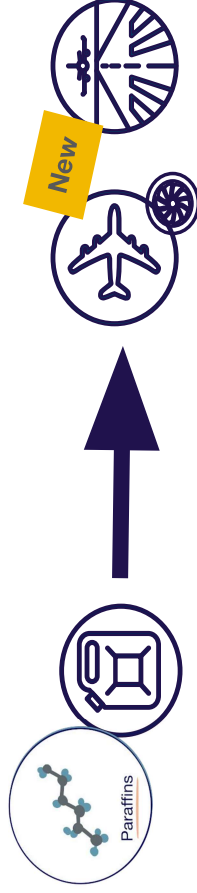
**Adapt the fuel to aircraft and infrastructures**

⇒ 100% drop-in SAF

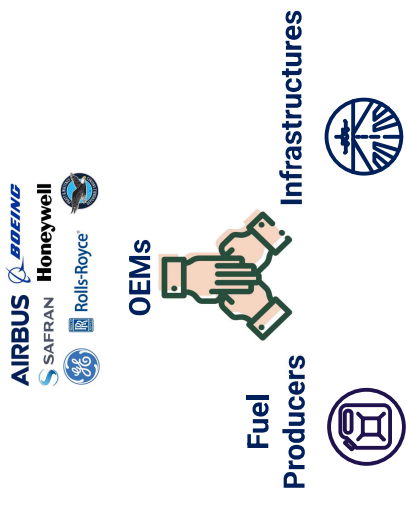


**Adapt the aircraft and the infrastructure to the fuel**

⇒ 100% non drop-in SAF

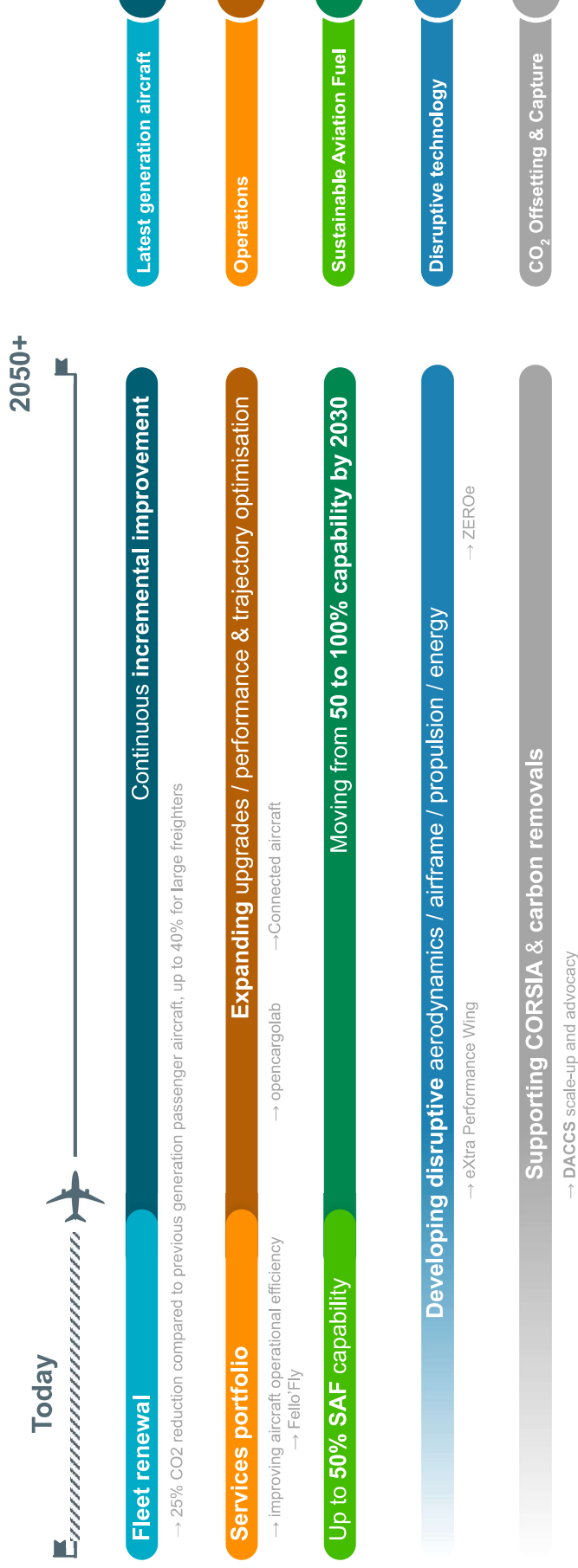


**Collaboration is key!**



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# Airbus is leading aviation decarbonisation



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