

# **FUTURE OF BIOFUELS CONFERENCE 2022**

## **THE FUTURE OF AVIATION**





# **SCANDINAVIA'S LEADING AIRLINE**

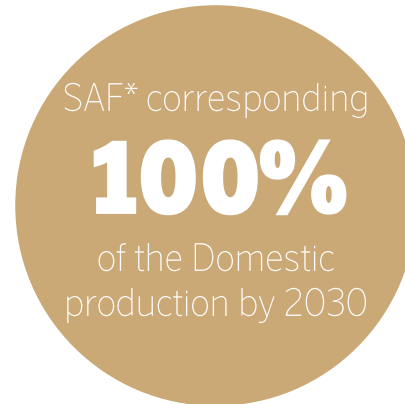
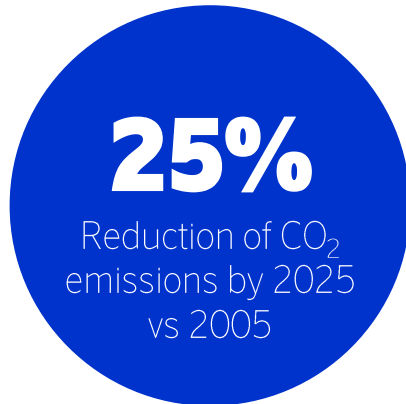
For more than 75 years, we've flown and kept Scandinavia connected to the world and the world to Scandinavia. We are heading into a future where change is never-ending. A future of conscious thoughts and sustainable innovation.

Welcome on board the future of aviation.

# SCANDINAVIAN AIRLINES

## A GLOBAL LEADER IN SUSTAINABLE AVIATION

### SAS SUSTAINABILITY TARGETS



### INDUSTRY TARGET 2050



\*Sustainable Aviation Fuel

**FLEET RENEWAL &  
FUEL EFFICIENCY**

**TOTAL FOOTPRINT**  
SUSTAINIBLE PRODUCTS

**DRIVING THE  
TRANSITION TO NET  
ZERO AVIATION**

**1.**  
HYDROGEN AIRCRAFT

**2.**  
ELECTRIC AIRCRAFT

**3.**  
AIRPORT OPERATION

**SUSTAINABLE AVIATION FUEL**

**GLOBAL LEADER**  
IN SUSTAINABLE AVIATION

# SECURING FUTURE AVIATION

**SAS supports multiple initiatives within engine development, low- or zero emission aircrafts and airport energy infrastructure**



## **SAS+AIRBUS**

SAS and Airbus have signed a joint Memorandum of Understanding for hybrid, hydrogen and electric aircraft eco-system and infrastructure requirements research.



## **START UP COLLABORATION**

SAS collaborates with start ups e.g.. Heart Aerospace regarding electric aircrafts.



## **NORWEGIAN AVIATION ASSOCIATION**

SAS, as a part of the Norwegian Aviation Association received the 1st electric aircraft in 2018.

# SAS SUPPORTS INITIATIVES

## IN NEW AND EXISTING PRODUCTION METHODS



### CURRENT PROVIDERS

Together with current providers of SAF, there is an ongoing development to use forestry residue as feedstock.

- Neste
- AirBp
- Shell



### FUTURE PROVIDER

Gevo and SAS have an agreement to Increase Off-Take of Sustainable Aviation Fuel.



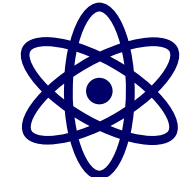
### PREEM COOPERATION

SAS and Preem will cooperate to jointly ensure production of the biojet. Preem has a product strategy to develop biofuel from residual products from the Swedish forest but also based on residual products from society at large.



### GREEN FUELS - DK

Green Fuels for Denmark is Denmark's most ambitious vision for large-scale production of sustainable fuels for the transport sectors with a CO<sub>2</sub> reduction potential of 850,000 tonnes by 2030.



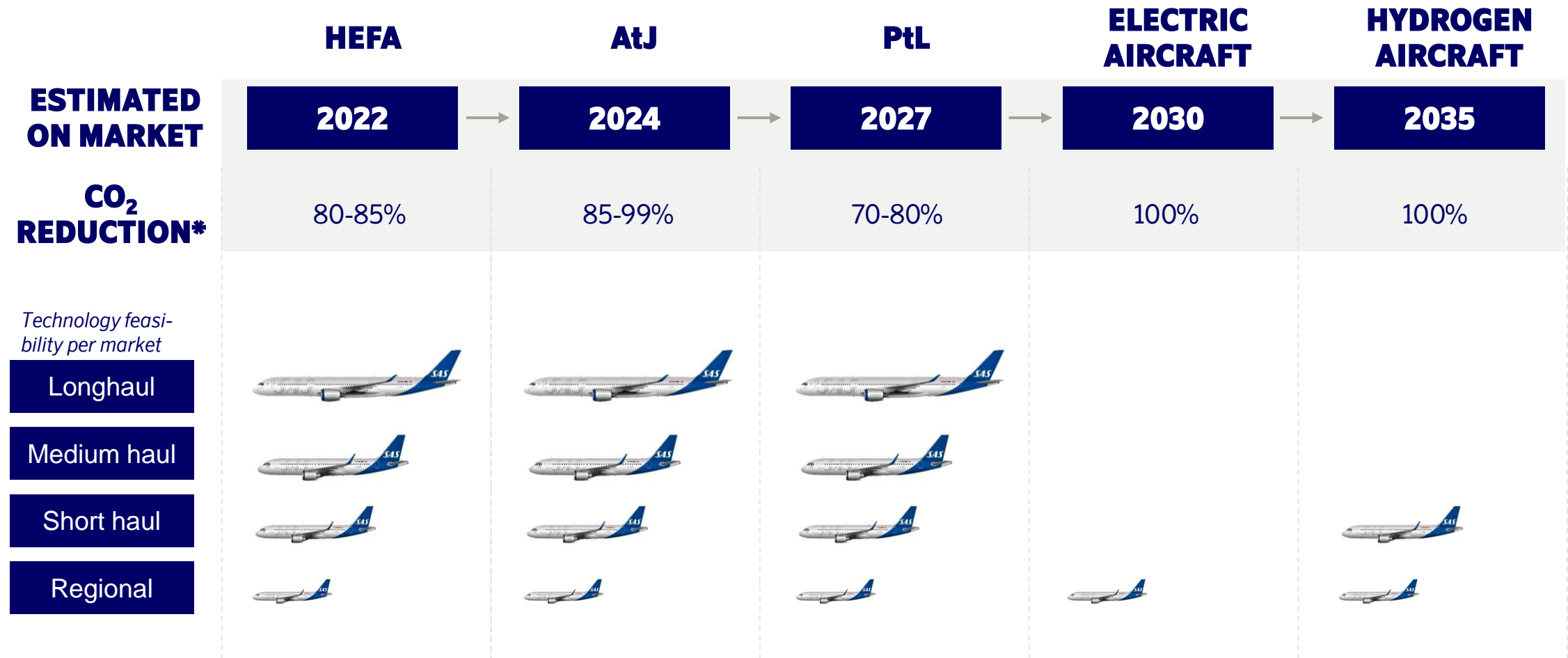
### EXPLORE SYNTHETIC SAF PRODUCTION - SE

Vattenfall, SAS, Shell and LanzaTech will together investigate the production of synthetic sustainable aviation fuel in Sweden.

**CROSS-INDUSTRY PARTNERSHIP  
TO SUPPORT DECARBONIZATION**

# SAS TRANSITION TO NET ZERO AVIATION

BY ADDING TECHNOLOGIES WHEN AVAILABLE



*SAS*

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# SCALABLE SYNTHETIC SAF

## POWER-TO-LIQUID

