

CAPITAL MARKET DAY 2024

# Sustainable Aviation Fuels Fireside Chat

LONDON

21st November 2024



# **BHASKAR PATEL**

Senior Vice President Sustainable Fuels, Chemicals and Circularity
Technip Energies



## JIMMY SAMARTZIS

Chief Executive Officer and Board Director

LanzaJet



## **STEVE MORAN**

Vice President Sustainable Fuels Market Technip Energies



# Fueling the Gap: Sustainable Aviation Fuel (SAF)

Innovation driven by access to novel feedstocks

18 / 350

Mtpa

2030 / 2050

Global SAF capacity needed to meet decarbonization targets, per IATA

1.5-2.0

Mtpa

2024

Global SAF capacity expected to be onstream by y/e 2024

17-18

Mtpa

**Announced** 

Global capacity of SAF projects publicly announced till date

~40%

**Technip Energies** 

T.EN is involved in ~40% of the required SAF capacity by 2030<sup>1</sup>

# 4 key certified SAF pathways



#### HEFA

Hydrogenated Esters & Fatty Acids



#### AtJ

Alcohol-to-Jet





#### G-FT

Gasification Fischer-Tropsch



#### e-SAF

e-Sustainable Aviation Fuels Technip Energies is a SAF leader positioned across the production pathways with a technology position in Alcohol to Jet (AtJ) along with LanzaJet





# Thank you

LONDON

21st November 2024