



SASOL



Purpose

**Innovating for a
better world**

Capital Markets Day 2021



**LEVERAGING OUR
ADVANTAGED FT TECHNOLOGY**

Marius Brand
Executive Vice President:
Sasol 2.0 Transformation



What you will *hear today*



Sustainable fuels
key to **aviation
decarbonisation**

FT technology is
advantaged with
near unlimited
feedstock and
high abatement

Sasol the
**undisputed
global FT leader**
with differentiated
solutions

New FT
**Sustainable
Solution BU**
partnering for
ecosystem
innovation and
success

OUR

AMBITION

GROW SHARED VALUE WHILE
ACCELERATING OUR TRANSITION

Sustainable Aviation fuel (SAF) key to aviation industry challenge

SAF KEY TO AVIATION DECARBONISATION



Aviation represents 2,5% of global carbon emissions



IATA targeting 50% net carbon reduction by 2050



Engine efficiency & alternative fuels impact limited



SAF regarded as best potential decarbonisation lever

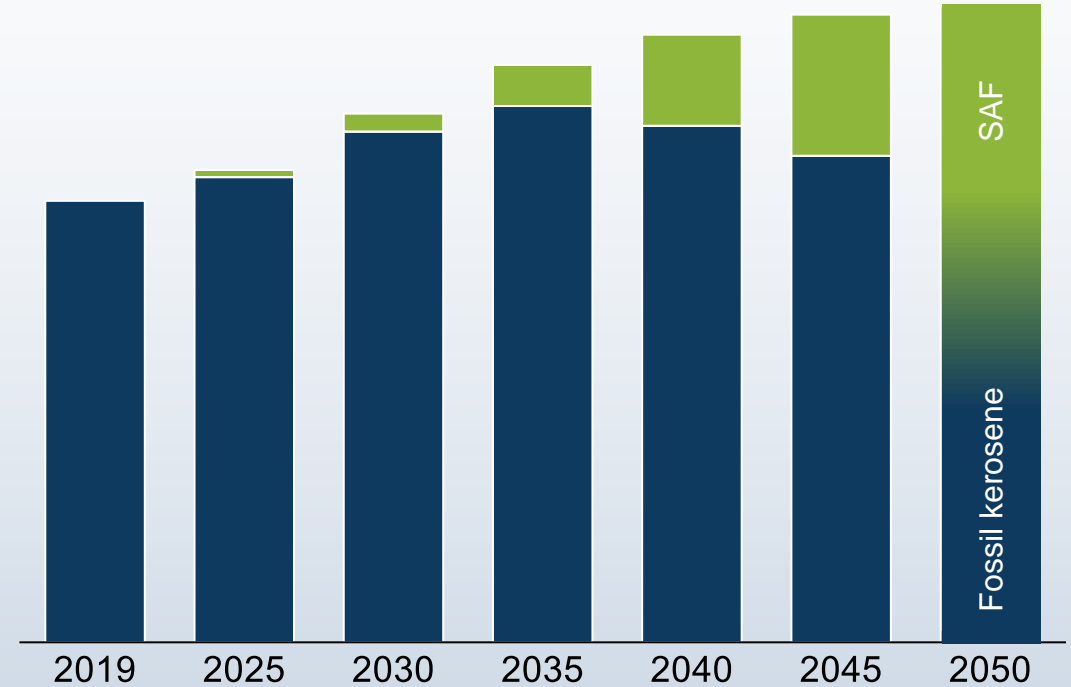


Ambitious blending mandates emerging

INCREASING SAF PENETRATION

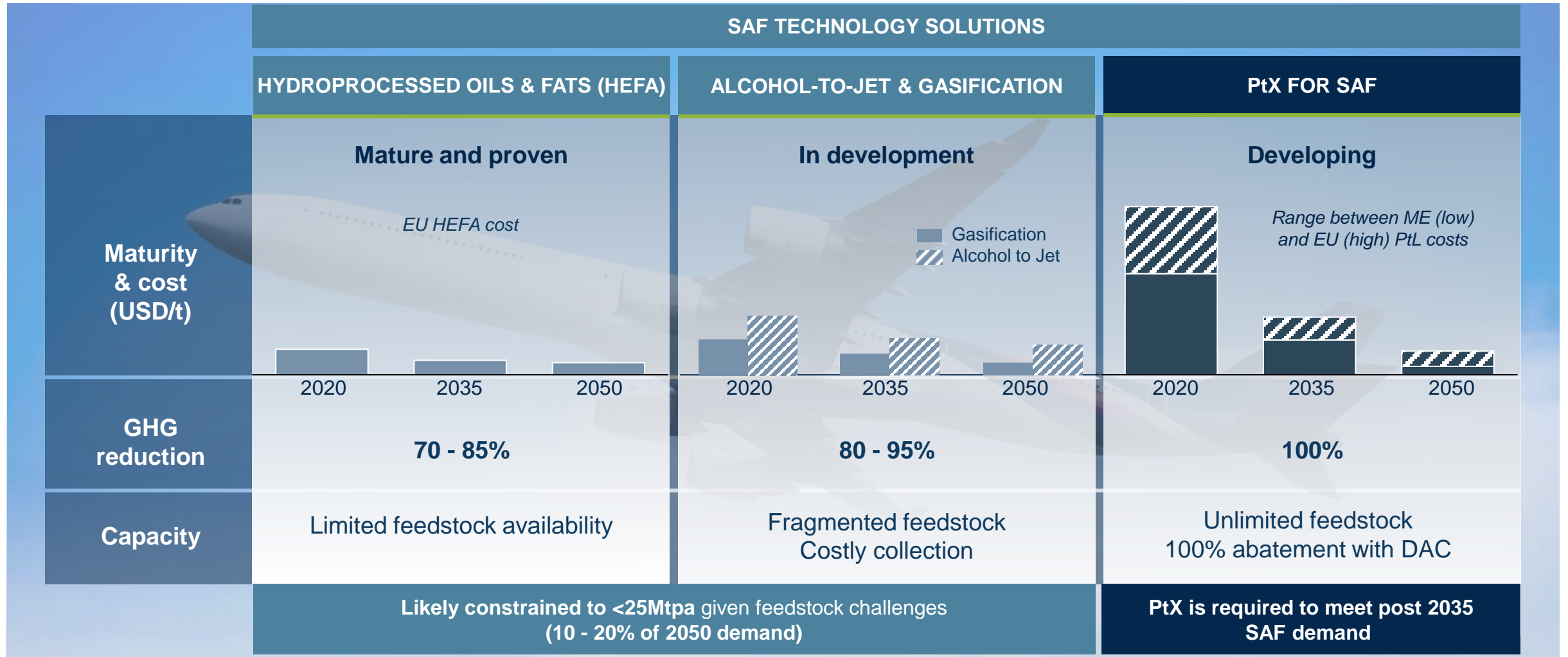
Aviation fuel demand, in Mtpa (2019-2050)
Split by SAF and Fossil Kerosene

2050 SAF
penetration
25-50%

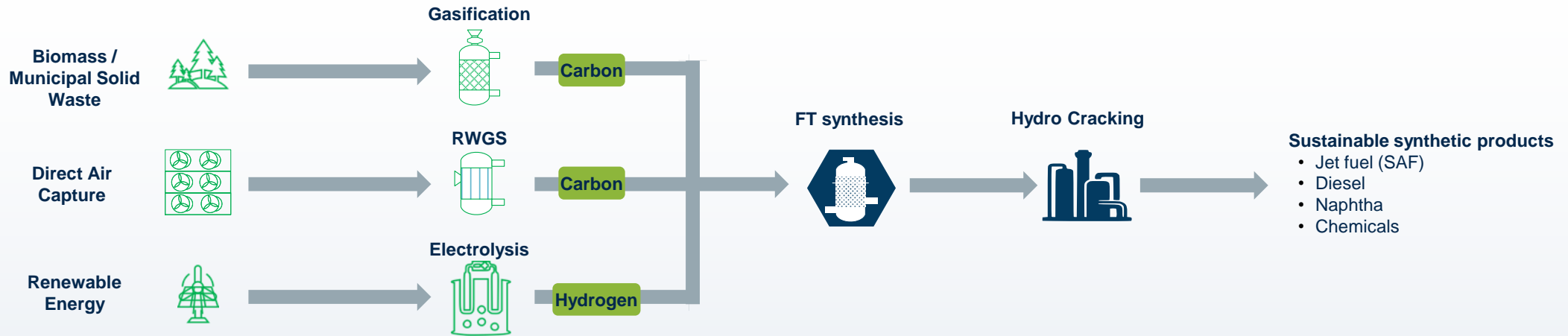


Source: McKinsey Global Energy Perspectives

PtX positioned to meet SAF demand in *medium term*



Sasol can lead PtX based on proven FT experience and technology



UNDISPUTED MARKET LEADER

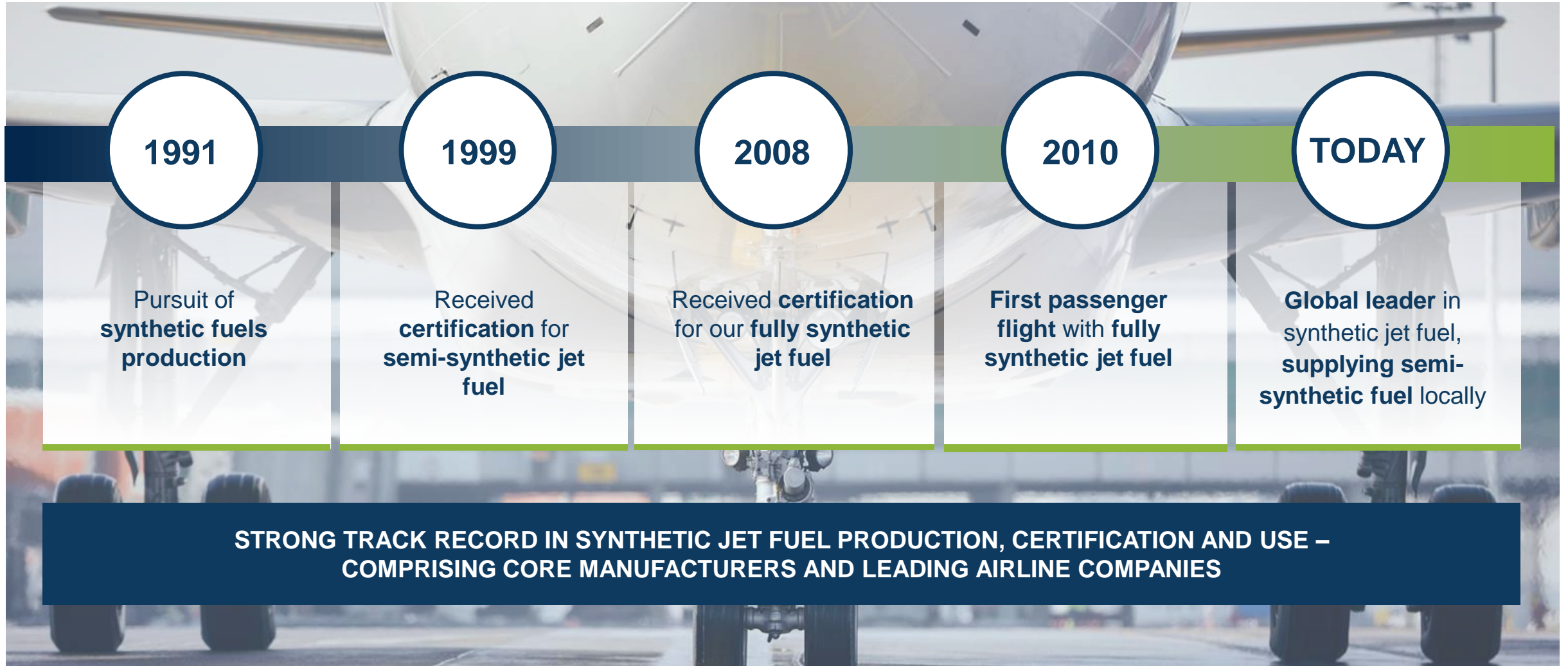
- 70+ years** of FT innovation and operations - best talent
- Largest installed capacity** - more than twice any other player's
- Experience with **small & large scale plants** - 10 to 150,000 bpd
- Experience with **diverse feedstocks** - coal, gas, biomass pilots



ADVANTAGED & DIFFERENTIATED TECHNOLOGY¹

- Wide product slate** with unique FT design & catalyst options
- Highest kerosene yields** with proven product slate flexibility
- Track record** of technology development to commercialisation
- Partners with industry leaders** - Haldor Topsøe, Technip

1. Based on literature reviews, including documented by the European Commission relating to sustainable air transport



**STRONG TRACK RECORD IN SYNTHETIC JET FUEL PRODUCTION, CERTIFICATION AND USE –
COMPRISING CORE MANUFACTURERS AND LEADING AIRLINE COMPANIES**

Our risk mitigated *go to market* approach



**Phased
market
entry**

Demo ventures to 2025, Mid-sized units to 2035; Global portfolio post 2035+
Phased co-investing, instead of sole investment



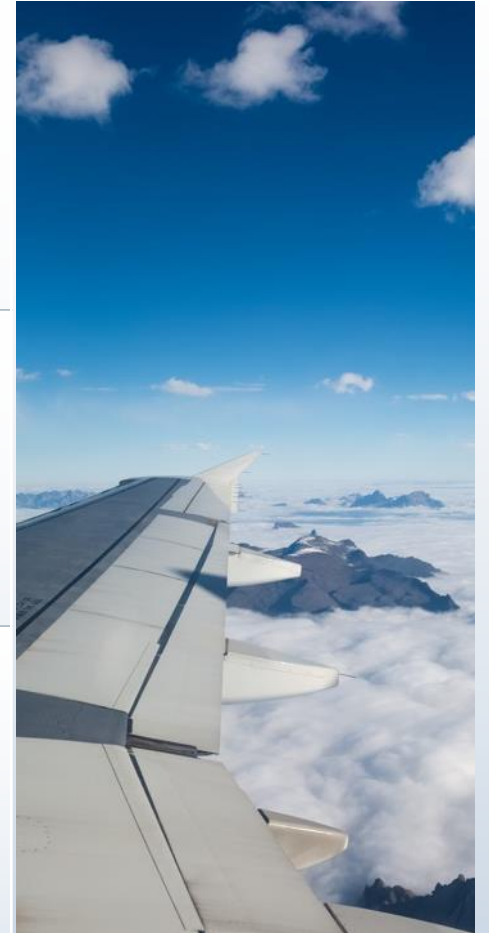
**Partnering
for
success**

Equity positions with key partners, closing technology and market gaps
Secure offtake while working closely with upstream technology providers



**Creating
growth
platforms**

Monetise through licensing, catalysts, technical services, and equity positions
Optimise product choices in sustainable fuels and chemicals



Launched *Sasol eco FT* our FT Sustainable Solutions business



Expanding team & capabilities
Leadership being positioned



Broadening partnerships
across ecosystem



Building commercial pipeline
with attractive financing options for
demonstration units in the short term



Advancing monetisation
Licensing, catalyst, technical services,
equity positions



Increasing technology flexibility
across ecosystem



Building *sustainable businesses* with our advantaged FT technology



Significant SAF and PtX global opportunity
Benefitting from renewable energy cost experience



Sasol has unique FT experience and advantaged technology
Proven at scale: feedstock options, product flexibility, high yields



Leader in synthetic fuels production and certification
Largest global FT production footprint



Sasol ecoFT with risk mitigated go-to-market plan
Partner for success and repeatability

