



SUSTAINABILITY & ESG

Our pathway to
carbon net zero



SUSTAINABLE PRODUCTS

Significant growth potential...



LIGHTER



RECYCLABILITY PROPERTIES



FASTER PROCESSING



BIO-INERT



RESISTANCE & DURABILITY

ALIGNED TO GLOBAL MEGATRENDS



- **SUPPORT CO2 REDUCTION**
 - *Typical weight-saving of 60-70% vs metal applications*
- **FASTER PROCESSING**
 - *Cycle times and recyclability*
- **CLINICAL BENEFIT**
 - *Non-metal solutions*

SIGNIFICANT GROWTH POTENTIAL FROM PRODUCTS BRINGING ENVIRONMENTAL & SOCIETAL BENEFIT

A NEW SUSTAINABILITY VISION

ACHIEVE CARBON NET ZERO:

- INCREASE THE USE OF OUR SUSTAINABLE & RECYCLABLE PRODUCTS WHICH SUPPORT CO₂ REMOVAL
- MINIMISE RESOURCES (CARBON, WASTE AND WATER) USED IN OUR OPERATIONS

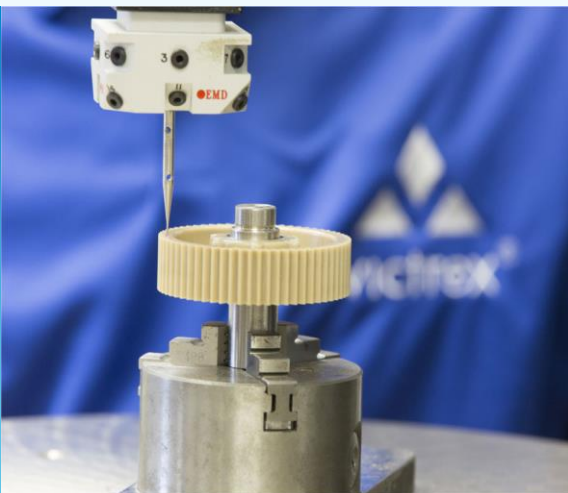
SUSTAINABILITY PILLARS

2030 GOALS

MILESTONE TARGETS



SUSTAINABLE SOLUTIONS AND RESOURCE EFFICIENCY



ACHIEVE NET ZERO CARBON EMISSIONS
by 2030 in our own operations ¹

INCREASE RECYCLING RATES of PEEK/PAEK in the supply chain

INCREASE REVENUE from our sustainable products with positive environmental & social benefits⁴ (currently c40%)

SUSTAINED REDUCTION IN RESOURCES (carbon, waste and water) per tonne by 2030

VICTREX USING 100% RENEWABLE ELECTRICITY WITHIN 3 YEARS ²

DOUBLE RECYCLING RATES in the supply chain by 2025

EXCEED 50% OF GROUP REVENUE from sustainable products with environmental & social benefits by 2025

COMMITMENT TO A SCIENCE BASED EMISSIONS TARGET ³ BY 2022



SOCIAL RESPONSIBILITY



DELIVER A ZERO ACCIDENT AND INCIDENT CULTURE

GROW global STEM programme

INCREASE COMMUNITY ACTIVITY across our global locations

FOCUS on enhancing gender equality/Diversity and Inclusion

IMPROVED SAFETY METRICS, BASED ON OSHA STANDARD

STEM AMBASSADORS in every region

COMMIT >500 EMPLOYEE HOURS to global community activity annually

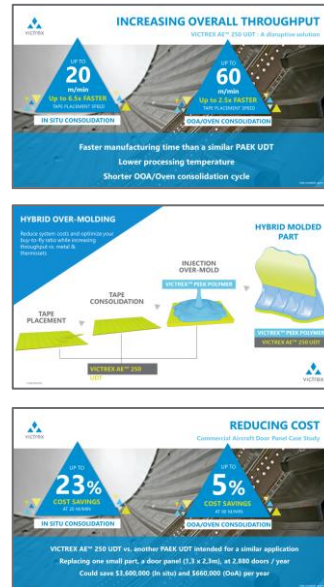
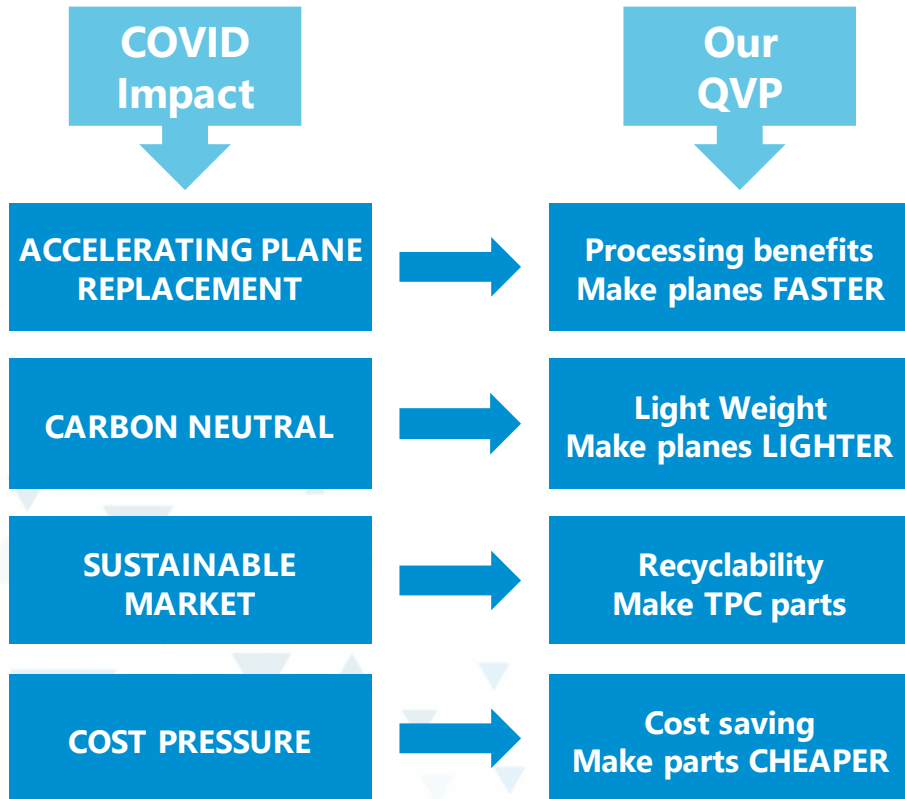
EMBED INCLUSION AND DIVERSITY across global employee base

UN SUSTAINABLE DEVELOPMENT GOALS



¹ Scope 1 & 2 emissions and science based target ² for all countries where the market exists ³ includes quantifying scope 3 emissions in our supply chain and establishing a reduction target
⁴ defined as Transport revenues (as recognised by FTSE Russell Green Revenues Index) and Medical revenues

STRONG MEGATRENDS POST COVID



• PEEK SUPPORTS CO2 REDUCTION

- 10kg weight reduction supports c4 tonne CO2 saving per plane per year*

(*IATA Carbon reduction and climate change May 2018)

- Current PEEK content on widebody model (eg Airbus A350) could save >250 tonnes of CO2 per plane, per year vs using metal



Striving for Recyclable/Sustainable solutions



ACCELERATING THE REDUCTION OF CO₂ EMISSIONS IN THE SKY IN THE POST COVID WORLD

37,000+

new planes to enter service by 2037¹

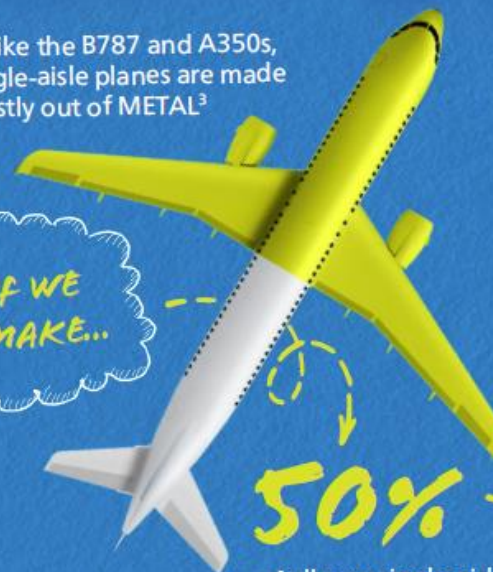


76%

of the new planes to enter service are single-aisle planes for short-mid haul flights²

Unlike the B787 and A350s, Single-aisle planes are made mostly out of METAL³

WHAT IF WE COULD MAKE...



50%

of all new single-aisle planes with PEEK composites?

60% LIGHTER

PEEK composites can replace metal parts and be up to 60% lighter with higher specific strength⁶

**VICTREX
AEROSPACE
SOLUTIONS**

1.9 M TONNES CO₂ SAVED
with VICTREX PEEK
solutions so far (2003 -)

50M



Potential saving of 50 million tonnes of CO₂* in 15 years if all of these new single-aisle planes could be made from 50% PEEK composites⁴

*Approx 2% of CORSIA requirement

CO₂

REDUCTION

2.6 billion CO₂ reduction required in the aviation industry by CORSIA* between 2021 -2035⁵

*Carbon Offsetting and Reduction Scheme for International Aviation



VICTREX IS PART OF THE
CLEAN SKY 2 PROGRAM,
PARTNERING WITH MAJOR
AIRFRAMER TO CO-DEVELOP
LARGE PRIMARY/SECONDARY
STRUCTURE WITH PEEK
COMPOSITES.



MINUTES VS. HOURS*

PEEK composites also speeds-up the parts manufacturing process helping airframers reduce backlogs⁷

*Thermoplastics vs. Thermoset annealing process time



References

1,2 – Airbus Forecast 2019

3 – About 85-95%, source:

<https://www.intechopen.com/books/aerospace-engineering/the-evolution-of-the-composite-fuselage-a-manufacturing-perspective>

4 – Based on Victrex calculation, details can be provided upon request

5 – IATA Fact Sheet "Climate Change & CORSIA" May 2018

6,7 – Victrex source, details can be provided upon request