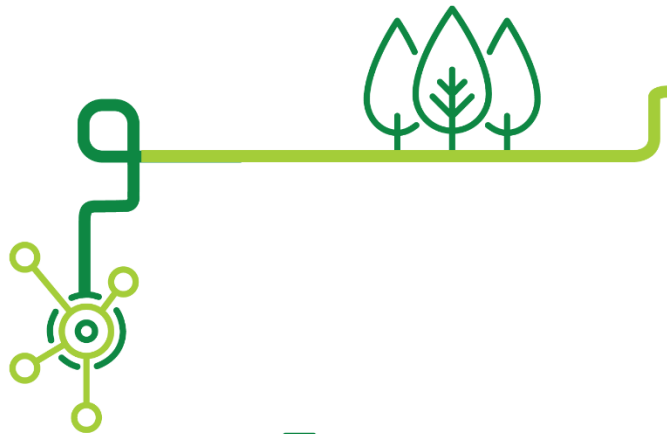
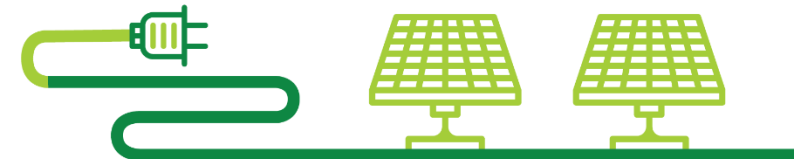


AVIATION CO₂ REDUCTIONS



STOCKTAKING SEMINAR

TECHNOLOGY · OPERATIONS · SUSTAINABLE AVIATION FUELS



Advanced Aircraft Technologies

Cristina Garcia-Duffy,

Head of Technology – Aerospace
Technology Institute (ATI)







The UK Aerospace Technology Institute commitment to decarbonisation

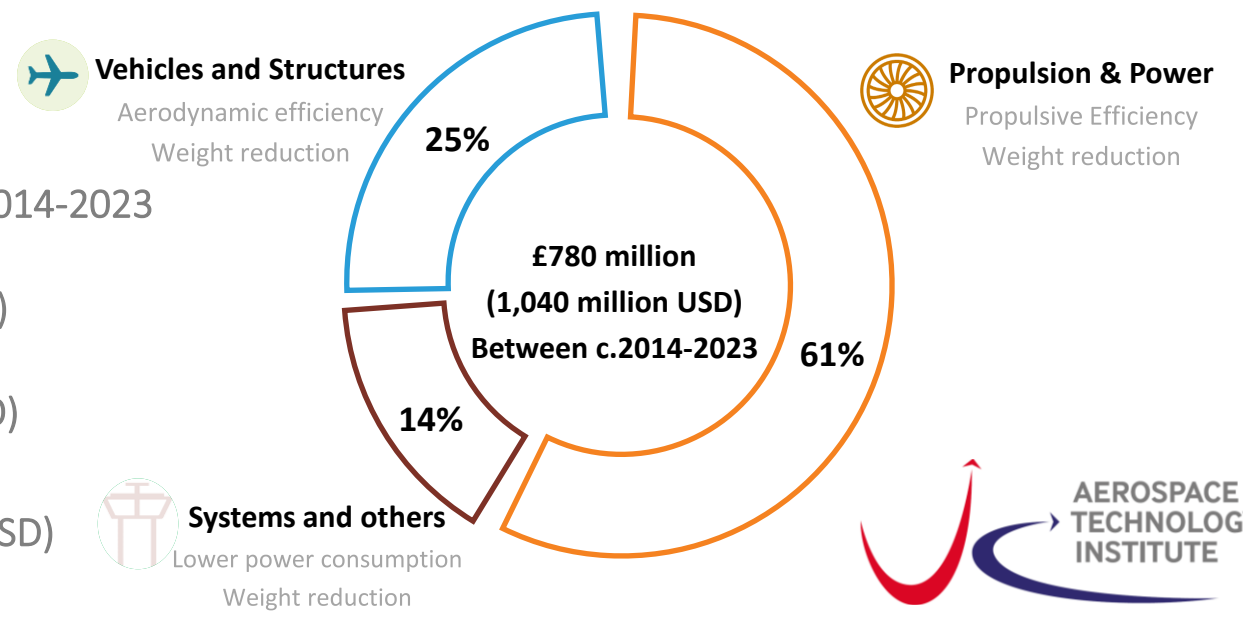
Committed to achieving **ACARE FlightPath 2050** goals through technology development for conventional commercial aircraft



Going further to **net zero carbon by 2050** with sustainable fuels and any required market based measures

Programme contribution to decarbonisation

-  £780 million (1,040 million USD) from c.2014-2023
-  174 projects (out of total ATI 309 projects)
-  660 partnerships (industry, academia, RTO)
-  Remainder £1200 million (1,580 million USD) to be allocated across attributes to 2026





FlyZero Project



FlyZero vision is to realise a zero-carbon emission aircraft by the end of the decade



Initial 12-month programme



£15m support from the UK government



Team FlyZero: c.100 secondees



To receive updates about FlyZero, visit: <https://www.ati.org.uk/flyzero/>

Project Aims

1

Understand all major technical and commercial issues in bringing a zero-carbon emission commercial aircraft to market

2

Establish the industrial and economic business case for future investments, including any dependencies on future policy or legislation

3

Sustain and develop key capabilities within a collaborative and diverse team environment, positioning UK aerospace for innovation recovery post-crisis

Thank You

