

# Aerospace Technology Institute (ATI) & UKRI Funding

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**Chris Low**  
Senior Manager, International Relations



# UK National Innovation Funding



**Regional  
Innovation Funding**



**European  
Innovation Funding  
Horizon Europe**



**PRIVATE  
INVESTMENT**



**British  
Business  
Bank**



**UK Research  
and Innovation**

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 <p>Science and Technology Facilities Council</p>	 <p>Biotechnology and Biological Sciences Research Council</p>	 <p>Natural Environment Research Council</p>
 <p>Medical Research Council</p>	 <p>Engineering and Physical Sciences Research Council</p>	 <p>Innovate UK</p>
 <p>Economic and Social Research Council</p>	 <p>Research England</p>	 <p>Arts and Humanities Research Council</p>



**AEROSPACE  
TECHNOLOGY  
INSTITUTE**

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**STRATEGIC PROGRAMME**

**SME PROGRAMME**

**NON-CO2 PROGRAMME**

 <p>Department for Science, Innovation &amp; Technology</p>	 <p>Department for Transport</p>	 <p>Department for Business &amp; Trade</p>
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Science and  
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Facilities Council




Biotechnology and  
Biological Sciences  
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Natural  
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Medical  
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Engineering and  
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Innovate  
UK



Economic  
and Social  
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Research  
England



Arts and  
Humanities  
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STRATEGIC PROGRAMME

SME PROGRAMME

NON-CO2 PROGRAMME



Department for  
Science, Innovation  
& Technology



Department  
for Transport



Department for  
Business & Trade



**Grant Funding:** Diverse grants and programmes

**Innovation Loans:** Provides UK SMEs with loans of £100,000–£2 million for late-stage R&D projects

**Knowledge Transfer Partnerships (KTPs):** Enables collaboration between businesses and academia for innovative projects, funding up to 67% for SMEs and 50% for larger firms, with projects lasting 12–36 months. Includes scoped international calls

 **Ongoing funding**

 **TRL: 1-7**

 **Project Lead: Anyone**



**The Programme:** Invest £195m a year in civil-aerospace R&T projects, to reduce the environmental impact on the centre.

**Technology Leadership:** Supporting the UK aerospace ecosystem through expert insights, modelling and thought leadership, underpinned by Destination Zero.

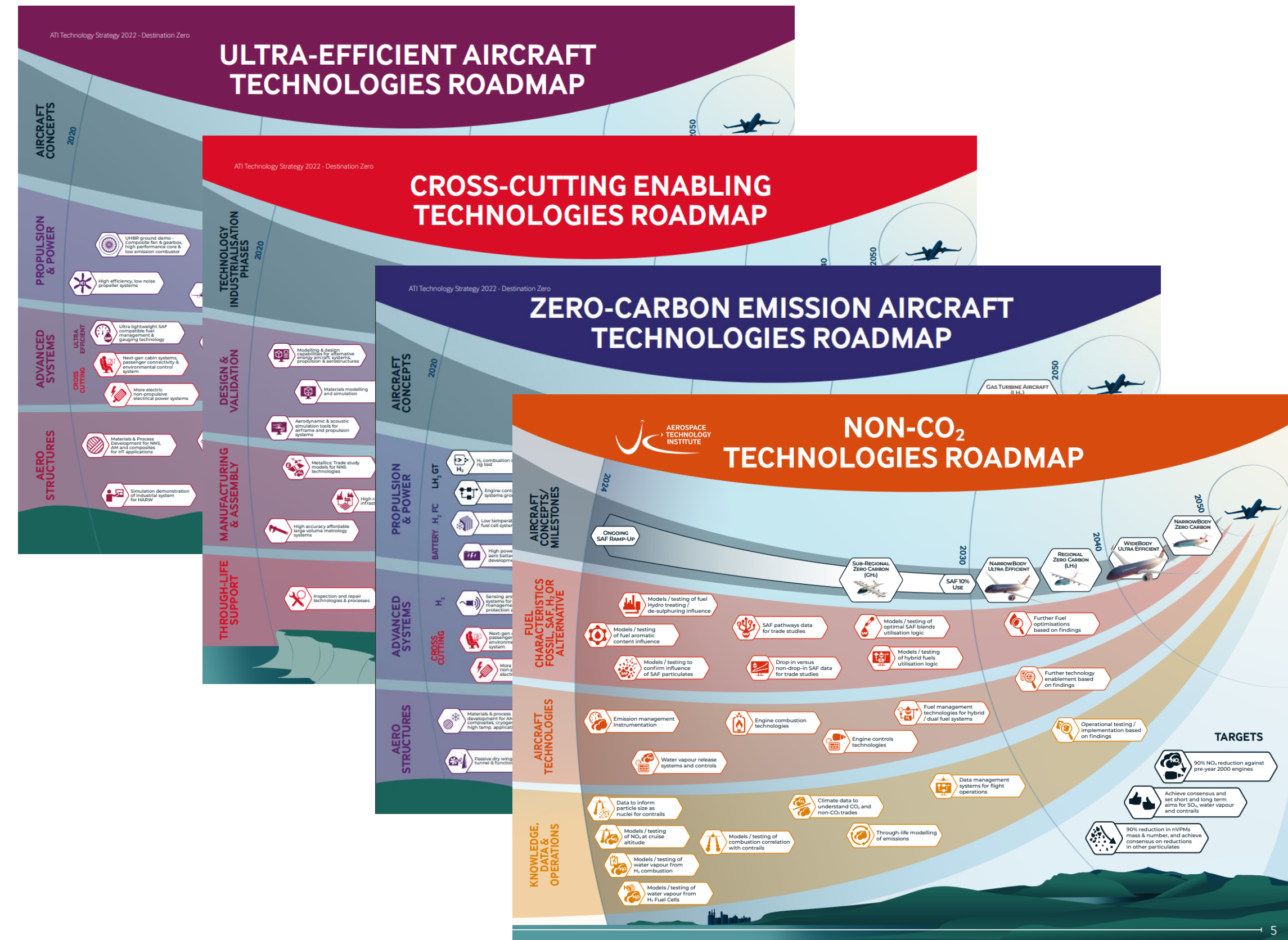
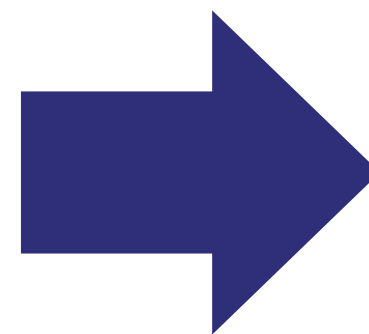
**ATI Hub:** the innovation arm of the ATI to connect innovators, provide expertise, and foster collaboration across the UK aerospace sector. Its core mission is to accelerate sustainable aerospace innovation and strengthen the supply chain

 **Ongoing funding**

 **TRL: 3-6**

 **Project Lead: Industry**

# Destination Zero



## [STRATEGIC PROGRAMME]

The ATI's flagship funding programme is driving sector growth through technology research and development

- Grants of up to £18m
- Applications must align with the Destination Zero technology roadmaps
- Average duration: 3 years
- Must be industrially-led
- Capital projects can be led by academia or RTOs
- 2 stage application

## [SME PROGRAMME]

Tailored to SMEs to strengthen the supply chain and foster aerospace technology innovation across the UK

- Grants of up to £1.5m
- Applications must align with the Destination Zero technology roadmaps
- 12 to 36 months in duration
- At least 50% of the total eligible project cost must go to SMEs in the consortium
- 2 stage application

## [NON-CO2 PROGRAMME]

Supporting technology-based reductions in aircraft non-CO2 emissions and their climate impacts

- Grants of up to £8m
- Applications must align with the Non-CO2 technology roadmaps
- 2 stage application

The Non-CO2 programme forms part of the Aviation Non-CO2 Programmes which is managed by DBT in partnership with DFT and NERC.

# STRATEGIC PROGRAMME

OUTLINE STAGE						
	Aligns with Batch 49		Aligns with Batch 50		Aligns with Batch 51	
	January	March	May	July	September	November
<b>Opens (9am)</b>	Monday 5th January	Monday 2nd March	Tuesday 5th May	Monday 6th July	Monday 7th September	Monday 2nd November
<b>Closes (11am)</b>	Friday 16th January	Friday 13th March	Friday 15th May	Friday 17th July	Friday 18th September	Friday 13th November
<b>Eligibility &amp; panel presentation notifications</b>	Tuesday 20th January	Tuesday 17th March	Tuesday 19th May	Tuesday 21st July	Tuesday 22nd September	Tuesday 17th November
<b>Panel presentations</b>	Monday 26th January	Monday 23rd March	Tuesday 26th May	Monday 27th July	Monday 28th September	Monday 23rd November
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<b>Notifications by</b>	Tuesday 3rd February	Tuesday 31st March	Tuesday 2nd June	Tuesday 4th August	Tuesday 6th October	Tuesday 1st December

FULL STAGE APPLICATION			
	Batch 48	Batch 49	Batch 50
<b>Opens (9am)</b>	Monday 5th January	Tuesday 5th May	Monday 24th August
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OUTLINE STAGE			
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	February	June	October
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# NON-CO<sub>2</sub> PROGRAMME

OUTLINE STAGE			
	Aligns with Batch 49	Aligns with Batch 50	Aligns with Batch 51
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<b>Opens (9am)</b>	Monday 12th January	Monday 11th May	Monday 9th November
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# NON-CO<sub>2</sub> PROGRAMME

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# Examples of Ultra-Efficient Technologies through ATI Programme

Credit: Rolls-Royce



*Ultrafan: ducted UHBR engine*

*Wings & propulsion are key drivers of future efficiency*

*ATI is aligned with Clean Aviation to mature & demonstrate TRL6 for 2030*

Credit: Airbus



*High aspect ratio wings*



*Multiple projects with UK ecosystem of OEMs, sub-tier, academia, SMEs & RTOs engaged*



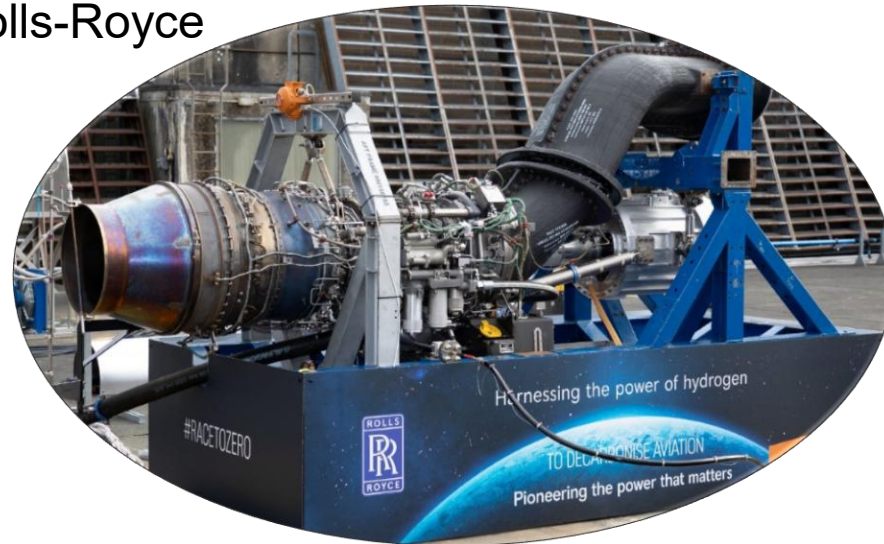
# Zero-Emissions Revolutionary Research - Hydrogen & Electrification

Credit: Rolls-Royce

HYEST

LH2GT

RACHEL



Credit: ZeroAvia

HyFlyer

HyFlyer II

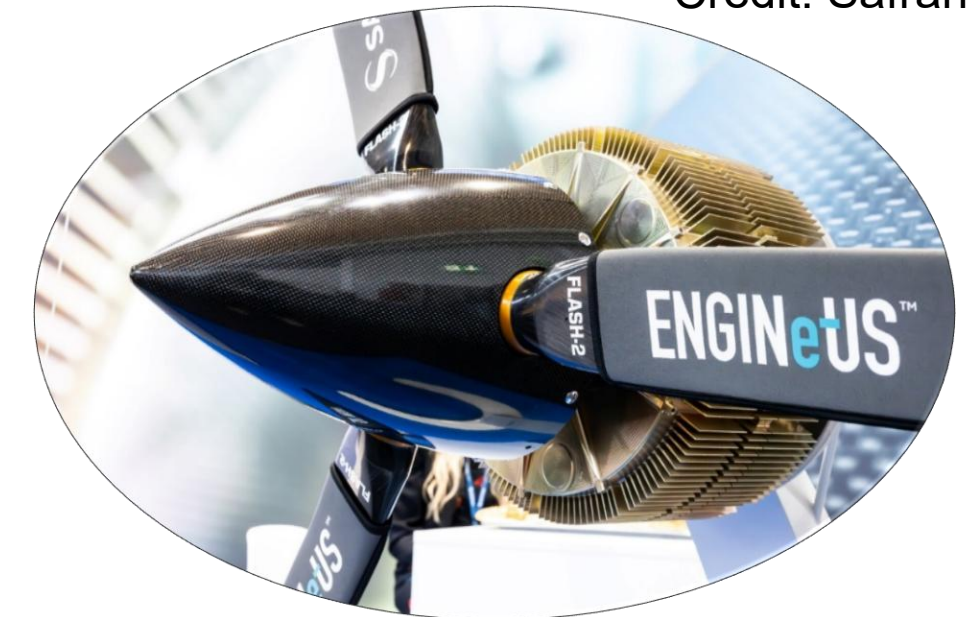
AFCAD



AEPEC

SMPP

Credit: Safran



Credit: GKN Aerospace



H2FlyGHT

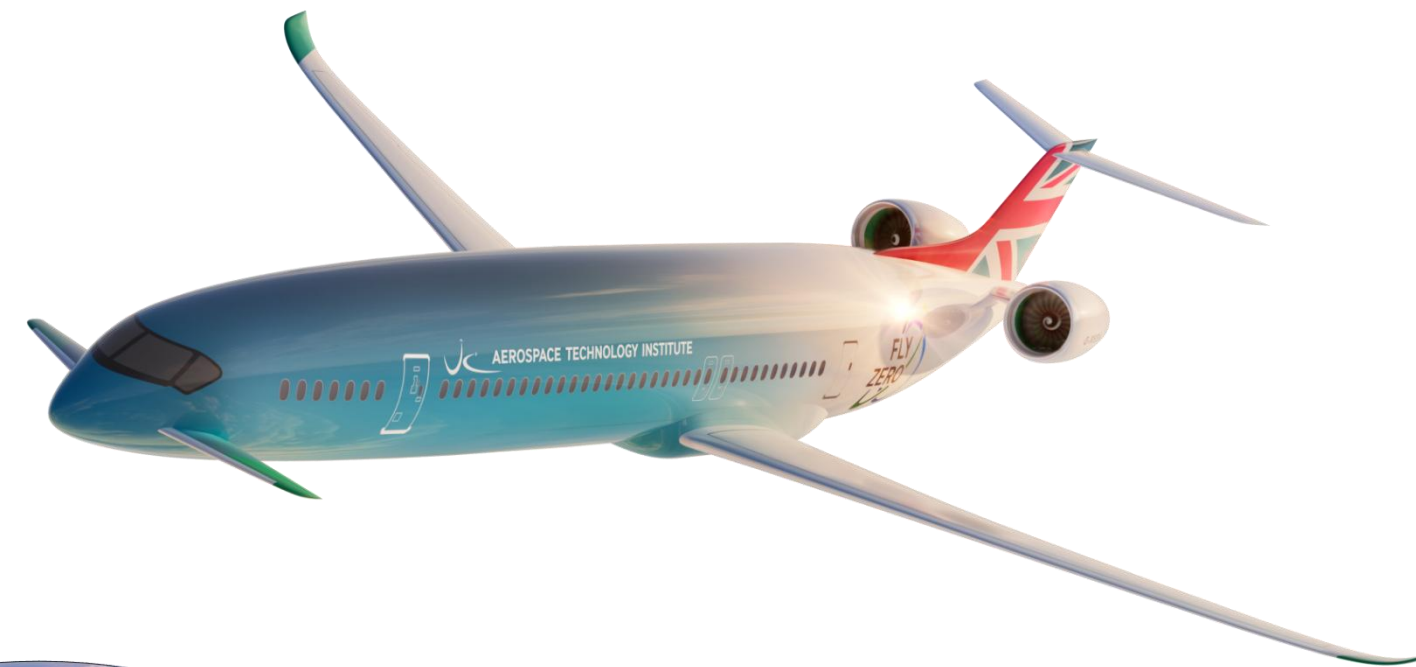
H2GEAR

HyFIVE

ZEST1



Credit: Airbus



ADEPT

CEBD

Credit: Vertical Aerospace



Fresson



Credit: Cranfield Aerospace Solutions



# Thank You!

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[Funding - Aerospace Technology Institute](#)

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