Collaborating to develop a ground-breaking hydrogen propulsion system powering Zero Emissions Aircraft

**H₂GEAR HOW IT WORKS**

- Inputs: H₂ + Air
- By-product: H₂O
- Fuel cells
- Electric motor
- Fan
- Thrust

**THE BENEFITS**

- **£54M+** initial investment (£27.2M Gov, matched by industry)
- **£16.8Bn** market worth
- **3,120** jobs created in the UK
- **£200M+** R&D investment to follow
- **ZERO CO₂ emissions air travel**
- **100% UK system content**

**ZERO EMISSIONS AIRCRAFT**

- First potential entry into service 2026

**GKN AEROSPACE**

- Global Technology Centre Bristol

**Russ Dunn, CTO GKN Aerospace**

"Working with our partners, and made possible by Government investment, GKN Aerospace will develop and industrialise the breakthrough technology to fly aircraft with zero CO₂ emissions by the mid-2020s."