

Shaping the Future of Flight - Responsibly

Designed with industry. Delivered for your future



Discover a Career that Changes the World

If you care about climate, technology and the future of sustainable travel - this pathway is for you.

The **Aviation Generation Aviation Sustainability Pathway** connects science, innovation and industry insight to the real work of decarbonising flight. You'll study the systems, fuels and strategies driving aviation's transition to net zero - while completing an internationally recognised BTEC Level 3 Extended Diploma in Environmental Sustainability mapped to real industry sustainability standards and working alongside employers at the heart of the change.

Why Choose Aviation Generation?

🌍 **Impact:** explore real aviation sustainability projects from airports, airlines, and fuel innovators - from sustainable aviation fuels (SAF) to circular design and carbon monitoring.

🔧 **Skills:** learn the science and technology of energy, transport and the environment - from renewable energy systems to digital optimisation.

👥 **Network:** connect with mentors across the aviation industry and sustainability sector.

🚀 **Future:** join a generation leading the transition to cleaner, smarter aviation.

What You'll Study

Duration: Two years full-time, intensive programme

Educational Award: BTEC Level 3 Extended Diploma in Environmental Sustainability

Industry recognition: AvGen Industry Certificate

The course includes topics such as:

- Sustainable Aviation Fuels (SAF)
- Energy Systems and Decarbonisation
- Circular Economy and Sustainable Design
- Environmental Monitoring and Data
- Digital Tools for Energy and Transport
- Behaviour Change and Climate Leadership

How you'll be taught

You'll be taught by a combination of lecturers and industry experts. using industry materials and practices, work on practical projects, problem-solving challenges and industry-led case studies throughout the course.



Where It Can Take You

After completing the Pathway, you can progress to:

- Environmental or energy roles in aviation and transport
- Degree Apprenticeships with airlines or sustainability companies
- University study in environmental science, energy or aviation systems

You'll graduate with a Level 3 qualification equivalent to three A Levels and a unique AvGen Industry Certificate recognised by employers across the UK.

Be Part of the Next Generation

The first national AvGen Sustainability Pathway launches in September 2026, delivered by selected UK colleges.

For more information or to register your interest:

 enquiries@aviationgeneration.org |  aviationgeneration.org



Aviation Generation is a not-for-profit collaboration between colleges, employers and aviation professionals — ensuring every learner gains skills that count and careers that take flight.