United Technologies’ aerospace and jet engine businesses strive to manufacture sustainably.

The United Technologies record since 1997:
- REVENUES: 3X
- GREENHOUSE GASES: 34% REDUCED
- WATER CONSUMPTION: 60% REDUCED

SUSTAINABILITY WORKS!

UTC Aerospace Systems is transitioning to new manufacturing techniques and components to support sustainability with:
- ADDITIVE MANUFACTURING
- CARBON COMPOSITES
- NANO-TECHNOLOGY

ON THE FOREFRONT:
UTC Aerospace Systems Ecological Integrated Propulsion System (ecoIPS™) nacelle will be designed to:
- IMPROVE FUEL EFFICIENCY
- REDUCE NOISE POLLUTION

ON THE GROUND

A large airport consumes as much electricity and thermal energy annually as a city of 100,000 people.

How can airports go green?

Otis Gen2® elevator combined with a ReGen™ drive can reduce energy consumption by 75% compared to a conventional geared system.

Green Aviation Starts Here

The future of green aviation

Less than 20% of people in the world have flown. That means air travel is expected to double in the next 20 years with rising incomes. How does aviation take off sustainably? It starts here...

Pratt & Whitney PurePower® Geared Turbofan™ (GTF) Engine

Reduces fuel burn by 116% and NOx emissions by 50% and noise footprint by 75% to the regulatory limit.

ON THE GROUND

The Carrier AquaEdge® chiller is 42% better than the industry efficiency standard.

NORESCO has guaranteed more than $3 billion in energy and operating cost savings at more than 7,000 facilities, including aviation.

How can airports go green?

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