

Responsible Heathrow 2020 - Commitment to sustainability

In order to maximize the economic benefits that the airport brings, manage its environmental responsibilities and to be a good neighbour to the local communities, Heathrow has a number of sustainability policies in action

• Enhancing the River Crane

Heathrow is a member of the Crane Valley Partnership which works to support the biodiversity of the River Crane and improve access to the river corridor area for recreation purposes.

• Low emissions vehicles

10% of the airside fleet at Heathrow are electric, making it one of the largest electric airside fleets in Europe.

• Sorting out Heathrow's waste

To better manage the waste produced by the 200,000 daily passengers, Heathrow is undertaking a pioneering waste analysis. As a result from it new processes would be put in place to achieve their stretching target to recycle or compost 70% of the waste by 2020.

• Waste to energy: Cooking oil converted to biofuel

100% of the waste cooking oil produced at the airport is being recycled in some way, with over 85% being recycled as biodiesel

• Heathrow Energy Centre

Heathrow's Energy Centre delivers heat and cooling to the new T2, as well as to T5, through a 10MW biomass Combined Heat and Power Plant. It is one of the largest biomass initiatives of its kind in the UK.

• Aircraft Noise: Quieter planes pay less to land here

As an incentive for airlines to fly more modern, quieter planes, we charge the noisiest planes up to three times the base fee, while giving the quietest planes a 15% discount.

• Reducing CO2 from aircraft on the ground

The Aircraft on the Ground CO2 Reduction Programme, launched by the Airport Operators Association (AoA), aimed to reduce emissions from aircraft as they taxi around the airport, and from power used to provide stationary planes with electricity and cool air.

• Construction waste: Turning old buildings into new ones

In demolishing the 55 year old Terminal 2 to make way for the exciting and modern new terminal, we have recycled over 99% of demolition waste - including concrete, metal, plastic and timber.



T2: OUR MOST SUSTAINABLE TERMINAL YET

In its commitment to maximizing social and economic benefits the airport generates, while minimizing its impact on the environment, **sustainability** has been a **guiding principle** in the design, construction and functionality of T2, opened in June 2014.

Terminal 2 has been recognized for best practice in sustainable construction by becoming the world's **first BREEAM certified airport terminal**.



T2's shape and design features aren't just a pretty façade.

The skylights and 10-metre-high, floor-to ceiling windows **maximize the natural light**, while the roof's north-facing skylights provide glare-free daylight all the way from check-in to aircraft boarding.

The building's **CO2 emissions** will be more than **40% lower** than Building Regulations require.

