

Birmingham Airport

Company Overview

Industry: Aviation

Location: Birmingham, UK

Jobs: Employs 1,000 people.

Birmingham Airport (BHX) is a major UK airport serving the Midlands, located in Solihull, southeast of Birmingham city centre. It's a gateway for both leisure and business travellers. Birmingham Airport is home to around 30 airlines serving over 130 direct routes and offering over 450 one-stop destinations. Catering to both full service and low-cost airlines, Birmingham Airport's traffic is comprised of 11% business and 89% leisure. With strong growth plans, passenger throughput is set to increase approximately 50% to 18 million by 2033. The airport's growth strategy remains diverse, with focus placed on both low cost and long-haul development.

How hydrogen will help to decarbonise Birmingham Airport

Despite being the UK's seventh largest airport, Birmingham Airport has ambitious decarbonisation plans. The airport is committed to reaching net zero by 2033 for their direct emissions.

To achieve this, Birmingham Airport is looking at several alternatives to natural gas combustion on site, including hydrogen, electrification, and the potential to connect to a low carbon heat network.

Hydrogen use at the airport could be a great opportunity to reduce carbon emissions from such an energy intensive industry. Birmingham Airport is considering the role that hydrogen infrastructure can play in helping them to reduce their direct emissions, and that of their partners.

Currently, the airport is looking at potentially using hydrogen within future transport solutions and across their heating provision.