LEEDS BRADFORD AIRPORT

PROPOSAL FOR REDEVELOPMENT 2020
Today, after scrutinising all aspects of those plans, I am confident that we can accomplish the same result, for the same number of passengers, but in a better way. Improving the passenger experience, satisfying future demands and fitting the airport with multiple sustainable upgrades, from noise reduction to promoting electric vehicles.

I've been working with infrastructure projects and airports for over 30 years, and I'm truly excited about the potential for LBA. This project will create a modern, well-designed, efficient airport terminal building, improving the LBA experience for all our airlines and passengers.

A year ago, we outlined our plans to meet the projected demand of seven million passengers by 2030 with an extension to the existing terminal. At its heart the plan is simple, to improve the airport facilities with a building that has a smaller footprint, but is designed to the latest state-of-the-art standards, and one that will be significantly more efficient in heating, lighting and passenger flow. We won’t be growing any larger, but we will be growing smarter and more sustainably, to achieve our target of net zero emissions from our operations by 2023.

This building will be one of the most environmentally efficient terminals in the UK and something the people of Yorkshire can be rightly proud of.
THE NEW BUILDING WILL UPGRADE LEEDS BRADFORD AIRPORT; IT WILL BE ONE OF THE MOST ENVIRONMENTALLY EFFICIENT TERMINALS IN THE UK, WITH CUTTING-EDGE BUILDING DESIGN AND CONSTRUCTION, AND THE LATEST ENVIRONMENTALLY EFFICIENT TECHNOLOGIES.
WHY WE NEED TO UPGRADE

We know that Leeds Bradford Airport needs significant investment to ensure its long-term future and to better respond to the challenges of the 21st Century. We need to reduce queuing times, improve shopping and dining facilities, provide better toilets and seating areas.

Parts of the existing terminal were built in 1965; this has impacted on the improvements we have been able to make in recent years, limiting our energy efficiency, passenger flow and the level of service we can currently offer.

Millions of passengers leave Yorkshire each year to drive along the M62 corridor or south to catch flights from Manchester and London, adding to traffic on some of the UK’s most congested roads. Getting our offer right, with improved service, choice and connectivity will help us to reduce this figure as more people will start their journey from LBA.

It’s clear that the people of Yorkshire deserve a world-class airport, in terms of service and energy efficiency.

WHAT ARE OUR ENVIRONMENTAL COMMITMENTS?

At Leeds Bradford Airport, we take our environmental responsibilities seriously. We are committing to our emissions from operations being net zero from 2023. We will achieve this target by building on our strong track record - over the past 5 years we have reduced emissions from energy use by 45% while passenger numbers have increased. Our upgrade will go beyond the latest stringent environmental building requirements, and deliver energy efficiency and benefit from low carbon power.

Just like other sectors in the UK, we will bridge any gap in our emissions to our net zero target through investing in projects that remove carbon, such as tree planting. Our ambition is to support local carbon offsetting initiatives where possible.

This carbon commitment places us at the highest level of the Airports Council International’s recognised Airport Carbon Accreditation Standard (ACAS), from the moment we open.

Our commitment doesn’t stop at our own emissions. That is why we are encouraging staff at LBA to car share or use public transport. We are working with transport providers to improve access to LBA as well as transitioning to all electric services, and incentivising the use of private electric vehicles.

Our upgrade will provide a sustainable terminal fit for the future, to enable us to meet our planned capacity responsibly, and for carbon emissions from our operations to reach net zero significantly faster than current Local and Central Government targets.
ROADMAP TO NET ZERO CARBON AIRPORT

We’re on a path to growing more sustainably, and achieve our target of net zero emissions from our operations by 2023. We are mapping and measuring our carbon to reduce our footprint, followed by reducing our emissions via electric charging stations and renewable energy. We will then move to offset any remaining emissions by the end of 2023 achieving our net zero target.

**KEY**

- **Level 1 Airport Accreditation:** Mapping
- **Level 2 Airport Accreditation:** Reduction
- **Level 3 Airport Accreditation:** Optimisation
- **Level 3+ Airport Accreditation:** Neutrality

**Invest in electric fleet/charging stations**

**Renewables study**

**Stakeholder engagement**

**Upgraded low energy terminal**

**Renewable energy supply through Green Tariff**

**Renewables investment**

**Level 3 Airport Accreditation**

**Offset any remaining emissions**

**Level 3+ Accreditation Net Zero carbon airport**
WHAT IS THE AVIATION INDUSTRY DOING ABOUT ITS ENVIRONMENTAL COMMITMENTS?

As the environmental spotlight focuses on the emissions from all forms of transport, it is easy to miss some key parts of the story about the aviation industry’s advances and its journey towards net zero-carbon emissions. At the heart of the debate about aviation is the role it should play in limiting climate change globally, and meeting the target set in the UK to be net zero by 2050.

The industry is working hard to play its part; continually improving aircraft fuel efficiency and operational efficiencies; the longer-term use of sustainable aviation fuels and the potential for electric flight mean it is possible for aviation to meet passenger demands while remaining consistent with the UK’s net zero target for 2050.

We will be working with airlines to improve efficiency, to reduce delays and wasted fuel as well as providing incentives for the use of newer more fuel-efficient aircraft. Whilst electric flight is not yet upon us, we look forward to a future where electric-powered commercial flight will become a reality.

We also welcome commitments by airlines to become net zero including recent announcements by British Airway’s owners IAG to become net carbon zero by 2050 with a commitment for all domestic UK flights to be net zero from 2020; EasyJet’s commitment for all their flights being net zero with immediate effect; and KLM who have committed to reducing emissions per passenger by 20% (from 2011 levels) by 2020.
UNPACKING THE BREEAM COMMITMENT

The upgraded airport building will be one of the most environmentally efficient terminals in the UK, helping us to use significantly less water and energy and creating less waste to landfill per passenger.

It will be accredited to a rating of “Excellent” under the internationally recognised Building Research Establishment Environmental Assessment Method (BREEAM) standard. This is an independently assured sustainability standard, which only a handful of other Airport terminal buildings across the world have achieved.

To achieve a rating of ‘Excellent’, the building will be designed to maximise energy efficiency, whilst incorporating innovative renewable energy generation on-site. In addition, we will also incorporate a wide range of best-practice sustainability initiatives, including reducing the embodied carbon in new building materials, electric vehicle charging points, sustainable drainage measures and a net positive impact on the local ecology.

LBA HAS A £475M IMPACT AND SUPPORTS ALMOST 7200 JOBS

SUPPORTING REGIONAL GROWTH

Leeds Bradford Airport has an important role to play in supporting economic growth in the region through improved connectivity. Increased productivity comes from the role which the airport plays in connecting businesses and people with investors, clients and customers in cities across Europe.

The airport’s economic impact in 2018 was estimated at £475m, supporting almost 7200 jobs. The North of England is a powerhouse for industry, manufacturing and technology, all of which need aviation to thrive and work towards a sustainable future.

Yorkshire is fast developing and the Leeds City Region is the undisputed leader within the Northern Powerhouse. Businesses such as First Direct, Arla Foods, Asda, Morrisons, Capita, Sky and now Channel 4 are headquartered in the region, while the Barclays SME Growth Factors Index named Bradford as the best city in the UK to start a business in 2017.

The city region remains one of the leading locations in the UK for foreign and direct investment, according to EY’s (Ernst & Young) annual Attractiveness Survey. The report shows that in a period where foreign direct investment projects into the UK dropped by over 12%, Leeds is one of the only UK core cities to have increased the number of projects, with the City Region attracting 29 last year.

There are areas of growth and opportunity around the region which will benefit from the connectivity LBA provides. Nowhere is this clearer than the planned employment zone for the north-west of Leeds.
SUPPORTING INNOVATION

Across the North, we have an opportunity to innovate in sustainability, with world-class technologists, engineers, Government and private sector investment in infrastructure and the Northern Powerhouse all at our fingertips. Our world leading universities, which rely on aviation to attract foreign students and staff from around the globe, also create and enable ideas that will help us transition to a low carbon future.

We know that international connectivity is a key driver for an already strong regional economy – in fact, if the North was a separate country it would be the world’s 21st largest economy (after Switzerland) – and Leeds Bradford Airport is central to that success.

SUPPORTING TOURISM

Leeds Bradford Airport is our gateway to the world and allows the world to come to us. It is important for us to have access to a convenient transport hub which can service both tourists and business travellers. As such, it is central to our aim of promoting a positive, outward-looking image on the global stage.

Whether it’s for the stunning scenery, world class events or our local attractions, millions visit Yorkshire every year. Tourism is an important source of revenue for the region, contributing £9 billion to the local economy, and aviation provides opportunities for the sector to thrive. LBA is a major point of access to key tourist destinations including Leeds, York, Bradford, Harrogate, and the country’s most popular National Parks such as the Yorkshire Dales, North Yorkshire Moors and the Peak District.

Our upgrade will boost inbound tourism, while connecting the people of Yorkshire to friends and family around the world.

IF THE NORTH WAS A SEPARATE COUNTRY IT WOULD BE THE WORLD’S 21ST LARGEST ECONOMY
EXISTING TERMINAL