Dubai Airport serves more than 66 million people a year, flying them to over 260 destinations across 6 continents on more than 140 scheduled airlines. With this projected to approach 100 million by the end of the decade, Dubai International is a dynamic and fast-growing airport that truly connects the world.

Background
Dubai Airport, already the world’s busiest airport in terms of passenger numbers, is undergoing significant development to deliver their ambitious 2020 expansion plans. Dubai Airport has specified Bright Green Beam™ for new and refurbished signage throughout the airport.

We are proud of our involvement in the project at Dubai Airport. For us, airports are an important sector and a key area of growth thanks to the forecast future increase in passenger air traffic.

Andy Clark
CEO
Bright Green Technology

To find out more please contact one of our specialists
Tel +44 (0) 1932 355221 info@brightgreentechnology.com
www.brightgreentechnology.com

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Project overview and financial modelling

So far the Dubai Airport project has seen our LED system installed into all of the signs in Terminal 3, the exclusive Emirates terminal. By completion of the project we will have supplied lighting for all of the wayfinding in every terminal throughout the airport.

Return on investment

<table>
<thead>
<tr>
<th></th>
<th>Tubes</th>
<th>LEDs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power consumption</td>
<td>1,112 W</td>
<td>489 W</td>
</tr>
<tr>
<td>Energy cost per year</td>
<td>£108K</td>
<td>£46K</td>
</tr>
<tr>
<td>CO₂ per year</td>
<td>555 Tonnes</td>
<td>247 Tonnes</td>
</tr>
</tbody>
</table>

Overall cost saving over 5 years: £323,000

Time to break even

Year 1: £300K
Year 2: £250K
Year 3: £200K
Year 4: £150K
Year 5: £100K

Supreme Council of Energy Dubai - Integrated Energy Strategy 2030

Dubai Airports Group is committed to running their airports in an environmentally sound and sustainable manner. As part of this initiative they continue to support The Supreme Council of Energy, in implementing the Dubai integrated energy strategy 2030 and reaching the industry’s target of carbon neutral growth by 2020.

Bright Green Technology

LED Retrofit reduced carbon by 308 Tonnes per year
The LED system

Bright Green Beam™ has been specifically designed to be energy efficient, easy to install and ‘no maintenance’ compared to traditional fluorescent tube lighting, reflecting the needs of the busy, round-the-clock airport terminal.

It only takes 2 Bright Green Beam™ modules to do the same job as 10 regular LED sign modules, making your signs more efficient and easier to install.

We have already worked with some of the biggest international airports in the world, including London Heathrow in the UK and we are now well-versed in the unique requirements of these valuable, 24 hour environments.

Andy Clark
CEO
Bright Green Technology
About Bright Green Technology

Bright Green Technology specialises in LED systems that dramatically improve the quality and performance of backlit media, illuminated signage, retail displays and architectural features.

We’ve worked in the most iconic locations for the biggest companies and won their trust for our product quality and customer support.

Our Approach

The intelligent answer to your LED requirement saves you time, money and energy. We are practical, hands-on people who understand both state-of-the-art lighting technology and the realities of your business. So while we provide all the products you need, we place equal emphasis on trusted advice and ongoing professional consultancy.

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