NET ZERO
2040

# Reducing our carbon emissions



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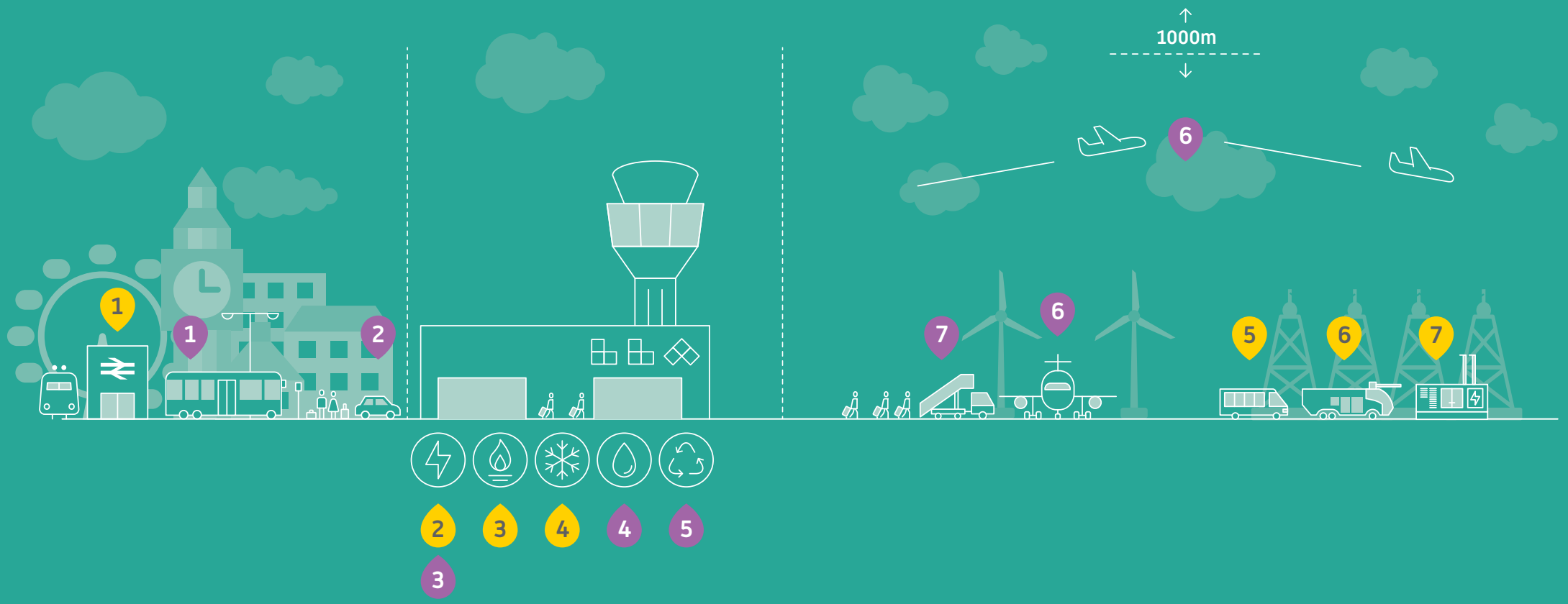
# Our emissions

Our carbon footprint includes our **airport emissions** that we directly control and our **partners' emissions** that we can influence.

We are developing a roadmap to detail how we will achieve net zero for our own emissions and are working closely with our partners to influence reductions in their carbon emissions.



# Our emissions




## Our airport emissions

### Arriving at the airport

1. Colleague business travel

### Terminal

2. Electricity use
3. Gas use for heating
4. Refrigerant losses

### Airfield

5. Fuel use in vehicles
6. Fire fighting activities
7. Fuel use for power

## Our partners' emissions

### Arriving at the airport

1. Passenger travel
2. Colleague commute

### Terminal

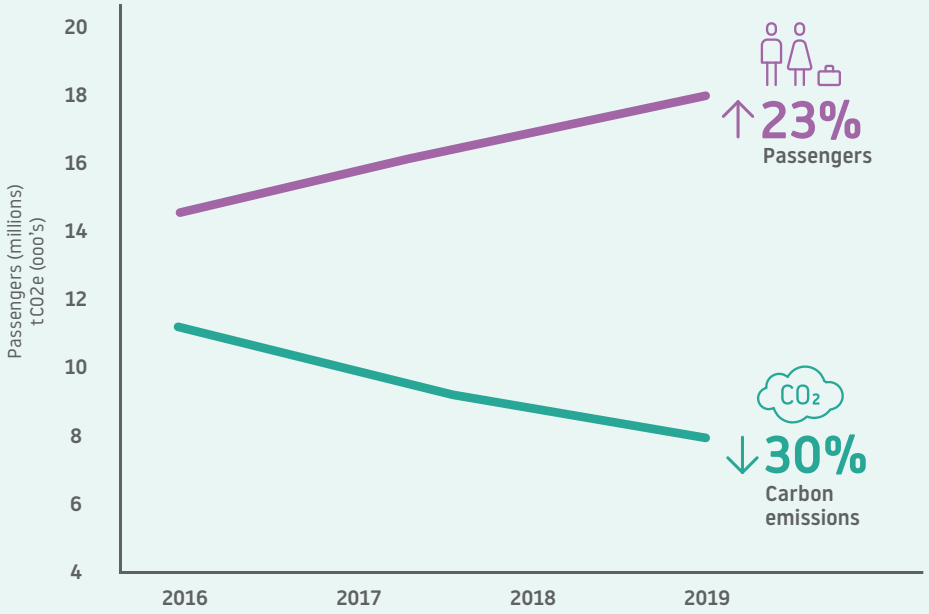
3. Electricity use by tenants
4. Water management
5. Waste management

### Airfield and airspace

6. Aircraft landing and take-off
7. Ground support equipment

# Our carbon journey

Between 2016 and 2019 we have reduced our airport carbon emissions by 30% despite a 23% increase in passenger numbers **breaking the link between growth in passenger numbers and carbon emissions.**






# Our carbon journey

## 2017

Increased the number of bus and coach services

Pooling of ground handling equipment

## 2018

Air handling unit upgrades saving 1.4 million kWh

Surface Access Strategy to drive sustainable modes of transport[1]

## 2019

20% electric ground support equipment

Airport Carbon Accreditation Scheme level 1

Boiler upgrades reducing gas use by 16%

## 2020

Published Responsible Business Strategy[2]

Created a dedicated Sustainability team

## 2021

Purchasing 100% renewable electricity

85% of lighting upgraded to LED lights

ACA level 3 by working with our partners

[1] https://www.london-luton.co.uk/LondonLuton/files/a3/a31129aa-284b-4b4c-aae0-ed0208d70fec.pdf

[2] https://www.london-luton.co.uk/LondonLuton/files/eb/eb79ca97-d37c-4803-9f89-c4965a466814.pdf

# Our net zero roadmap

We have committed to achieving **carbon neutrality by 2026** or sooner and **net zero by 2040.**



# Our net zero roadmap

## 2022

- Net zero roadmap published
- Sustainable Supply Chain Charter launched
- DART (Direct Air-Rail Transit) in operation
- Air Quality Strategy published

## 2026

- 25% on-site renewables
- Carbon neutrality for our airport emissions
- Supporting airlines in decarbonisation of flights

## 2030

- 50% on-site renewables working with airport owners
- Increase the number of electric charging points in our car parks

## 2040

- Net zero for our airport emissions



NET ZERO 2040

# Working with our partners

We are working closely with our partners and have developed a **Stakeholder Engagement Plan** which outlines future programmes to reduce our partners' carbon emissions.

**1 in 10**
**aircraft in 2019 were**

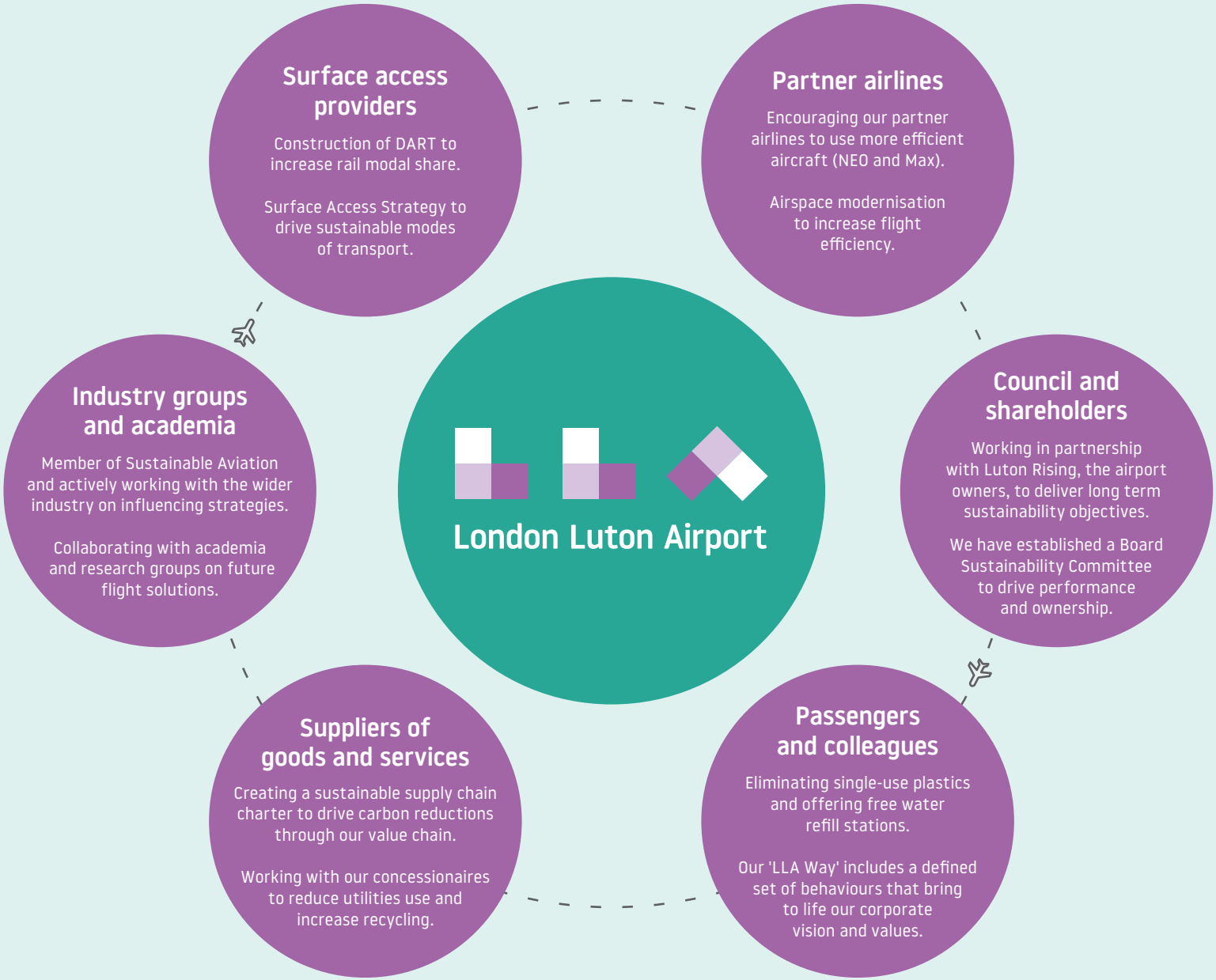
**NEO or MAX**[3]
**projected to increase to**

**1 in 2**
**by 2028**




[3] Latest generation aircraft with more efficient engines, sharklets and aerodynamics reducing emissions by over 15% compared to previous generation of aircraft.

# Working with our partners



# Governance

We understand the importance of good governance and transparency which is why we are part of an independently governed carbon certification programme.

We publish our carbon performance annually as part of our Sustainability Report[4].




**Optimisation**

[4] https://www.london-luton.co.uk/corporate/sustainability/reports-and-performance



airport carbon accreditation

Currently accredited to

**level 3**

Optimisation



# Governance

We would love to hear from you - if you have any sustainability ideas or suggestions please get in touch with our sustainability team on **sustainability@ltn.aero.**



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