Moving towards a more sustainable airport

- **Schiphol Fund**: €336,000 donations to local community initiatives
- **Led lighting on runway**: 54% of all aircraft handled use fixed electrical ground power
- **Landart Park**: Horizontal ridges to reduce ground noise
- **Schiphol Check-in to Sustainability**: Powered by Dutch wind energy, 100% renewable
- **CO₂ Emission per passenger**: 1.52 kg
- **Heat and Cold storage facility**: Piers D, E, F and G and office buildings
- **Accessibility**: 42.9% passengers by public transport
- **New pier and terminal**: The Base D office building: BREAAM Excellent
- **New pier**: aiming for LEED GOLD
- **New terminal**: aiming for LEED PLATINUM
- **Mortuary**: BREAAM Outstanding
- **Horizontal ridges to reduce ground noise**: Donations to local community initiatives
- **Electric buses landside**: 100
- **Electric buses airside**: 35
- **Electric taxis**: 314
- **Electric buses landside**: 100
- **Electric buses airside**: 35
- **Separated waste**: 40.7%
- **Fair trade catering**: Powered by Dutch wind energy
- **Horizontal ridges to reduce ground noise**: Donations to local community initiatives
- **CO₂ on runway**: Powered by Dutch wind energy
- **Light as a service**: Created a circular economy
- **Horizontal ridges to reduce ground noise**: Donations to local community initiatives
- **100% renewable**: Powered by Dutch wind energy

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Figures and data over 2017
Sustainability
Facts & Figures 2017

Environment

Power
From 2018 on, the Schiphol Group airports operate on 100% renewable energy from new Dutch wind farms. Schiphol’s new terminal will contain 5,000 m² of solar panels.

Circular
4-11% of Schiphol’s waste was high-value recovered. 57-68% of the waste was downcycled and 28-29% was incinerated.

Electric vehicles
100 electric buses connect Schiphol to the local area. This is the largest fleet in Europe. Schiphol is also connected by 314 electric taxis and there are 35 electric buses on airside.

Buildings
72% of Schiphol’s real estate has an energy rating of at least label C.

Air quality
Even in our busiest year ever with 496,748 air transport movements, we continued to operate well below the annual limits for NOₓ, PM₁₁, and PM₁₀.

Noise
From 2000 on, the number of households affected by noise levels of 58 dB or more has been reduced by 38%.

Surface transport
42.9% of all passengers reach Schiphol by public transport. 41.9% of people working at Schiphol commute by public transport, carpooling or by bike.

Natural gas vs. passenger numbers
Although the number of passengers at Schiphol is rapidly growing, the natural gas consumption has decreased to well below 1990 levels. This has been achieved by consistently investing in environmentally friendly heat pumps and heat and cold storages. By renovating existing buildings, Schiphol will decrease the natural gas consumption even further. The aim is to become gas independent by 2030.

People

Community
Since 2016, as founder of the Aviation Inclusive programme, Schiphol has made it possible for 100 people with distance to the labour market to get a paid job at the airport.

Economy
More than 65,000 people are on-airport employees. Around 56% of all employees are from neighbouring municipalities.

Our Goals
Schiphol aims to be a zero waste airport by 2030
Schiphol aims to be climate neutral by 2040

Sustainability Facts & Figures 2017

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Total carbon emissions
There are three scopes for carbon emission related activities at Schiphol. Scope 1 and 2 can directly be influenced by Schiphol, including all fossil fuel and energy consumption for our own operations. Scope 3 includes activities which cannot directly be influenced by Schiphol, such as passenger transport to the airport, third party buildings and aviation activities related to take-off and landing.