

Moving towards the most sustainable airport



CO₂
CO₂ emissions TPI Sustainability
-18%

Energy efficiency at Schiphol
7.0%

Schiphol Fund
€ 337,949
Donations to local community initiatives for sportive activities

Creating a circular economy

P3 Long Parking Garage
P3
> 5,150 Parking spots
> 5,400 Solar panels

Landart Park
Horizontal ridges to reduce ground noise

Powered by Dutch wind energy

Heat and Cold storage facility
Piers B, D, E, F and G and office buildings

Led lighting on runway

78 connected aircraft stands with fixed electrical ground power

750 electric charging stations for ground support equipment

-7 dBa
100% renewable

Sustainability in airport charges

Mortuary: BREAM Excellent Cradle-to-Cradle

Security Checkpoint 90
BCI score 64%

250 Electric buses landside

Light as a service

21% Green gas

Display as a service

Pilot sustainable aircraft taxiing (Taxibot)

Fairtrade food and beverage and initiatives like 'Surplus Food Factory'

573 Electric taxis

53 Electric buses airside

Separated waste 50.3%

The Base D office building: BREAM Excellent

New pier

New pier: aiming for LEED GOLD:
- no use of natural gas
- 40% materials recycled or biobased
- grey and rain water reuse system

5 E-GPUs

18
Circular disassembly and complete reuse of Cargo building 18

Sustainability

Facts & Figures 2020

Environment

Power

From 2018 on, the Schiphol Group airports operate on **100%** renewable energy from additionally built Dutch wind farms. Green gas: **21%** of total group consumption



ACI benchmark

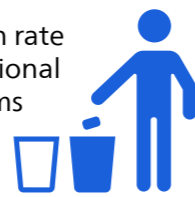
Schiphol scored **4+** level within the ACI Airport Carbon Accreditation benchmark programme for the **8th consecutive year**.



Circular

50.3%

The separation rate for our operational residual streams (excluding CAT 1 aircraft waste) amounts to 50.3%



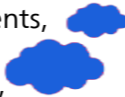
Electric vehicles

250 electric buses connect Schiphol to the local area. Schiphol is also connected by **573 electric taxis** and there are **53 electric buses** on airside.



Air quality

Accommodating **227,304** air transport movements, the Schiphol site met all governmental requirements, which are based on the EU directive 2008/50/EG, for the 2019 operating year.



Noise

Within the noise disturbance norm of 180,000, the number of severely affected houses is calculated to be



51,000

Community

In January, the municipality of Amsterdam, Schiphol Group, the Greater Amsterdam Employers' Service Point (WSP) and LCS entered a three-year partnership to help **750** people into employment at the airport.



Economy

At the beginning of 2020, Schiphol counted more than 1,000 airport-related organisations with a combined employee base of more than **72,000** people.



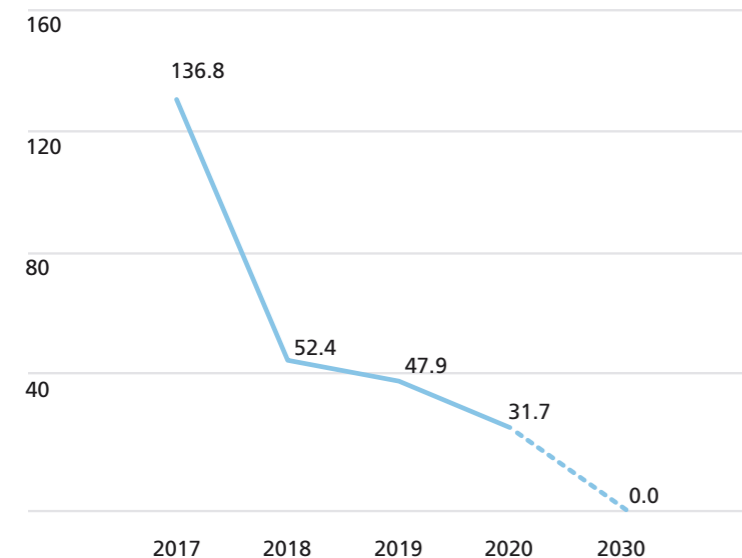
Our response to COVID-19

Our ambition is to create the world's most sustainable, highquality airports. Our focus is on accommodating safe and responsible travel. In the recovery from the unprecedented impact of the COVID-19 pandemic, we want to 'build back better'. To succeed, we must find the best possible combination of sustainability, innovation, investments and policy.



Towards zero emissions 2030 Amsterdam Airport Schiphol

Realised emissions in CO₂ kilo tonnes for fuel airside and natural gas



Our Goals:
zero-waste
zero-emission
airports in
2030

People

UN Sustainable Development Goals

Contribution Schiphol

- SDG 8 **Decent work and economic growth**
 - Number of persons employed at Schiphol site and direct surroundings: 72,000
 - LTIF: 0.3
- SDG 9 **Industrial innovation and infrastructure**
 - Passenger and cargo volumes by mode of transport: 20.9 million passengers -1.44 million tonnes of cargo
 - Energy efficiency level: 7%
- SDG 11 **Sustainable cities and communities**
 - Annual mean levels of fine particulate matter (PM10), well below the European annual mean limit of 40µg/m³.
- SDG 12 **Responsible consumption and production**
 - Separation rate: 50.3%
 - Circular economy strategy
- SDG 13 **Climate Action**
 - Energy-positive strategy
 - Schiphol operates on 100% renewable wind energy
- SDG 17 **Partnerships for the goals**
 - Work closely with partners to achieve net-zero carbon aviation in 2050

Most sustainable airports roadmap

Zero-waste airports 2030 towards circular in 2050

- For infrastructure, we focus on circular design and the reuse of materials. Training of staff, materials hubs and material passports are key enablers.
- For operational processes, we minimise, separate and upcycle everyday catering, office and aircraft residuals. We focus on better separation, while phasing out selected single-use products.

Zero-emissions airports 2030 towards energy-positive in 2050

- All new vehicles are zero emissions, including ground support equipment on airside.
- 'Older' buildings will be renovated and new buildings are at least energy-neutral.
- For energy use, we increase efficiency, produce more solar power and strengthen our grid.

Facilitate the sustainable passenger journey towards net-zero carbon aviation in 2050

- Contribute to 14% sustainable aviation fuel in 2030 and optimise airside procedures.
- Increase smart and clean mobility to and from the airport by investing in public transport, bike infrastructure and electric car sharing.
- Actively inform passengers about sustainability and offer sustainable travel options and combat human and wildlife trafficking.

Improved balance between communities and airport in 2030

- Improve balance between communities and airports.
- Maintain constructive dialogue to ensure wellbeing and support of our neighbours and boost regional development and economic growth.
- Empower our strongest asset: diverse and motivated workforce.