



**BATTERY**  
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# Sustainability at Amsterdam Airport Schiphol

Welcome to Amsterdam Airport

**Schiphol**

# Sustainability



RSG has the ambition to operate the most sustainable and high-quality airports in the world. Together with our stakeholders, we want to ensure sustainable air travel for generations to come. We aim to have zero carbon emissions by 2030 from our own operations and ground support operations.

We aim for net-zero-carbon emissions for the entire aviation sector by 2050. We want to be zero-waste by 2030 and circular by 2050. As an airport, Schiphol feels its responsibility to facilitate airlines in achieving (common) sustainability goals. We think it is important to stimulate all airlines to reduce their impact on the environment and climate as much as they can. As an airport, Schiphol has the responsibility to facilitate airlines in achieving their sustainability goals.

## What you can do



### Minimise your use of the APU.

The health of employees and our neighbours is important to us. The auxiliary power unit (APU) is a significant source of both air pollution and noise. We therefore encourage airlines to limit the use of their APU's to a minimum. In the revised version of the AIP, airlines are directed to shut down the APU as soon as practicable.<sup>1</sup> To facilitate airlines to comply with the AIP, Schiphol, together with ground handlers, has fixed power units (FPU's) and electric ground power units (e-GPU's) available at all aircraft stands and is currently in the process of making electric pre-conditioned air units (e-PCA's) available at all aircraft stands.



### Increase cabin waste recycling.

Schiphol aims to be zero-waste by 2030 and we know that airlines have similar goals. Schiphol is scaling up the process to increase cabin waste recycling, in collaboration with the relevant business partners. Airlines that are ready to separate their cabin waste today, are welcome to follow the improved process for cabin waste recycling that we are setting up. Your environmental footprint could be lowered through this new way of working.



### Get involved with our airport community.

Schiphol Airport is situated in the heart of the urban region. We realise that our activities have an impact on the environment and this local area. With the input of local residents, municipalities, provinces and organisations we therefore have a multi-year programme in which we are taking concrete measures to reduce noise nuisance. We invite airlines to join the dialogue and discuss how we can optimise the equilibrium.



### Benefit from reduced airport charges.

Modern aircraft engines create a much smaller environmental footprint for each flight. Airlines that invest in fleet renewal, are key in the reduction of CO<sub>2</sub>, noise and pollutants, keeping aviation available in the future. For this reason, Schiphol applies reduced airport charges to aircrafts that have cleaner and quieter engines.

If you are interested in participating in the actions above, please contact your Schiphol Partnership Directors (Airline and Cargo) and Customer Support Managers and we can discuss how we can facilitate you.

<sup>1</sup> In the revised version of the AIP, airlines are directed to shut down the APU as soon as practicable following actual in-block time, but not later than 5 minutes after parking brakes set, and not restart until 5 minutes prior to target off-block time (TOBT) for Narrow Body Aircraft and 10 minutes prior to target off-block time (TOBT) for Wide Body Aircraft, in order to start the engines.

## At Amsterdam Airport Schiphol

- All airside buses are fully electric. These made up the first electric bus fleet in the Netherlands.
- Ground handlers are already halfway towards their goal of transitioning to zero emission equipment. Together with our partners, Schiphol will achieve a zero carbon emission operation by 2030.
- Ground handlers have taken up the availability of PCAs for airlines into their contracts with the airport, so that airlines have optimal opportunity to keep their APUs turned off.
- Since 2021, SAF has been delivered for refueling at the airport and for 2024 more SAF will be available. Our aim with the Dutch government is to mix 14% SAF into kerosine by 2030 – well above the global sectoral goal of 10%! From 2022 until 2025, €15 million euros have been invested to incentivise airlines to fuel SAF at Schiphol airport.
- Multiple ways to reduce aircraft emissions during taxiing are explored, including minimising taxi-routes, taxiing with one engine off and experimenting with engine off taxiing by using TaxiBots.
- Schiphol is introducing a zero-emission zone for logistic traffic and taxis at Schiphol-Centre as of 1 January 2026 together with the municipality of Haarlemmermeer.
- We are continuously working on the improvement of air quality and the reduction of noise. Quality of life and work at and around Schiphol are of utmost importance to Schiphol.

## Did you know...



...tap water in the Netherlands is among the best in the world? Schiphol has 80 water tap points.



...Schiphol is the first airport in the world to use an Iron Flow battery! This battery arrived in 2023 and has a capacity of 500 kWh.



...public transport from and to Schiphol, including buses, is fully electric, most of the taxis too?



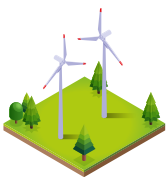
...Schiphol has achieved Airport Carbon Accreditation level 5, the highest carbon accreditation available to airports?



...60% of the original asphalt on the Polderbaan was reused during its reconstruction?



...nearly all establishments at Schiphol have switched to reusable tableware? In this way we support EU efforts to reduce waste and plastic pollution, as well as passengers who wish to keep their journey single-use-plastic free!



...all energy used at Schiphol is 100% wind energy? After reaching our goal of Zero Emissions in 2030, Schiphol will continue down the road of achieving Energy Positive 2050, thanks to investments in solar panel farms.

## For more information

On RSG's sustainability policy, please visit [www.schiphol.nl/sustainability](http://www.schiphol.nl/sustainability) or talk to your Schiphol account manager.

**We are happy to hear what you need from us to reach our shared sustainability goals**