Sustainability solutions at Budapest Airport

International Airport Review Award 2018
Budapest Airport

Our goals:

- Most successful airport in Central-Eastern Europe
- Sustainable, effective and ethical operation

Over the past 5 years:

- Passenger number increased +10% / year
- Skytrax World Airport Awards „Best Airport in Eastern Europe” award in each year
- 2% of Hungary’s annual GDP

Greenairport program

Target:

- Reduce carbon footprint of the airport together with companies present at the airport
Sustainability results
Sustainability results

- Continuous implementation of programs for rationalisation of energy usage
- Energy saving LED lighting at the terminals, modern lighting systems on the runways
- Continuous refurbishing of district heating pipes and drinking water pumps
- Improved air filtration and air condition equipments, and boilers
- Solar PV panels on the rooftop of Terminal 1
- Changing IT systems, implementing new IT protocols (energy-saving devices, printing on both sides policy, new operating systems)
- E-mobility program
Sustainability results

- **CO$_2$** Per passenger
  - CARBON-DIOXIDE EMISSION: -44%
  - DRINKING WATER NEEDS: -30%
  - IT SYSTEM ENERGY DEMAND: -56%

Nature conservation:

- 110 Specially protected ground squirrels
- 20 Kestrels
- 4 Couples of buzzards

were re-settled from the airport to the Hortobágy and Duna-Ipoly National Parks

Airports Council International (ACI) carbon neutral qualification (BUD offsets its carbon-dioxide emissions in an accredited way)
Together for sustainability
Cooperation with our employees

- Environmental protection messages in the meeting rooms
- Infographics on the internal communication channels
- Environmental awareness trainings
- BUD Green Office manual: ideas aiming to reduce energy use and carbon emissions
Cooperation with companies operating at the airport

Greenairport Program
Environment protection stakeholder engagement program

Sharing sustainability actions, regular workshops, common goals

Environmental protection conditions when setting new contracts

35 ORGANIZATIONS JOINED SO FAR
Future goals

- Continue and extend responsible operation
- Introduce energy saving solutions and using more renewable energy sources
- Further development of related rule system in favour of promoting sustainable airport operation

Optimized operation regulations

- Control the use of APU (Auxiliary power unit)
- Reduced taxi times before takeoff and after landing
- Strengthen trust with our partners and neighbours
Thank you for your attention!

Budapest Airport

www.bud.hu/greenairport