

Zagreb Airport commitment to reduce CO₂ emissions ■ our dedicated update Policy

As a major gateway in Croatia, International Zagreb Airport Jsc. remains committed to exemplary and ambitious environmental practices. Through an advanced Integrated Management System, LEED certified passenger building and continuous engagement with stakeholders, we aim to reduce Scope 1 and Scope 2 carbon emissions by 72.33 % by 2050, in alignment with the IPCC 2 °C pathway.

Integrated Management System Policy aims to:

- ◆ systematically incorporate the environment into its activities
- ◆ operate as a responsible and transparent organization
- ◆ prevent environmental harm
- ◆ promote our values
- ◆ share and adopt best practices

We take the environmental aspect into consideration in our actions and perform activities with the utmost respect for the environment.

Zagreb Airport Long-term Carbon Management Strategic Plan

Zagreb Airport has set forth an ambitious Carbon Management Plan that supports our transition to Level 4 Airport Carbon Accreditation. With airport expansions and increased operations anticipated, our strategy includes both short-term mitigations and long-term infrastructure innovations to control emissions while maintaining service excellence.

Key Initiatives until 2050:

- Electricity consumption reduction: lighting replacement from halogen to LED, expand solar infrastructure
- Thermal Efficiency: renovation of legacy buildings with high heat loss, reconstruction of boiler systems, installation of thermostatic valves
- Renewable energy: use of electricity from renewable sources, expansion of solar infrastructure, hot water production using sun collectors.
- Emergency Systems: gradual replacement of diesel generators with hydrogen-ready systems
- Control of electricity, water, gas, oil consumption: improvement of HVAC management through management and control of BMS system.
- Implementation of the lifecycle plan: replacement of old equipment
- Training: employee/stakeholders' education and informing (through presentations/leaflets) in order to highlight importance of energy efficiency.
- Scope 3 Engagement: expansion of the Stakeholder Partnership Plan to influence third-party emissions
- Sustainable fleet: 64.2 % of vehicles need to be replaced by electric or low-emission alternatives
- Emission offset projects: carbon removal through planting trees based on cooperation with the local community

■ Policy on energy

Background and stakes involved

Zagreb Airport, as the infrastructure manager, has direct influence over its energy profile. The business is committed to combating climate change and limiting the effects of its activities, especially in terms of GHG emissions. In energy terms, Zagreb Airport aims to control and manage energy use efficiently, as well as expand renewable energy facilities, having in mind comfort and satisfaction of our customers. Renewable electricity procurement contracts and solar energy production have made Scope 2 emissions zero since 2022. The contract was also renewed for the upcoming three-year period (2025-2027).

Commitments

In line with its Integrated Management System's policy and in order to limit its impact on the environment, Zagreb Airport commits to:

1. Maintain Scope 2 emissions at zero through applying for renewable energy GOs
2. Expand solar infrastructure to increase self-sufficiency
3. Improve building insulation and heating efficiency
4. Conduct regular internal audits and emissions recalculations
5. Increase stakeholder awareness

■ Policy on transportation & air quality

Background and stakes involved

Airport activities and air traffic emit greenhouse gases and local pollutants. For the airport manager, own emissions are largely linked to energy consumption and vehicles. The main indirect emissions are linked to air traffic and airport access routes. With airport traffic and vehicle use contributing to emissions, Zagreb Airport is optimizing both internal operations and tenant interactions.

Commitments


In line with its Integrated Management System's policy and in order to limit its impact on the environment, Zagreb Airport commits to:

1. Monitoring: regular Air Quality monitoring
2. Employee transportation: promote public and shared transit and video conferencing
3. Facilitating the reduction of aircraft emissions on the ground: contribute to limiting the use of APU's and GPU's through the provision of 400Hz units on each Passenger Boarding bridge of the New Passenger Terminal
4. Reduce the ground vehicles emission: Accelerate lifecycle plan and electrification of ground fleet
5. Annual Reporting: Use ACERT v7.2338 and stakeholder data to monitor progress
6. Managing: ensure Level 4 ACA compliance and preparation for Level 5 readiness

Velika Gorica, 5th June 2025.



Huseyin Bahadır BEDİR
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