

Tesla solar roof belgrade

BELGRADE AIRPORT, a member of VINCI Airports and the operator of the Nikola Tesla airport, put into operation a solar plant that provides the airport with electricity obtained from renewable sources. The new solar plant will produce approximately 1,130,000 kWh of green electricity annually, which is comparable to the annual consumption of about 430 households. In this manner, the airport's CO2 emissions (scope 1 & 2) will be decreased by 900 tons per year.

The solar plant is located near the airport complex, on the road to Surčin, next to the new Tesla car park, and it consists of nearly 3,000 photovoltaic panels spread over a plateau of 15,900 m² that convert sunlight into electric energy.

This initiative is part of VINCI Airports' global efforts towards bringing about the environmental and energy transition. VINCI Airports is the first airport operator to have committed to an international environmental strategy in 2016. It has already reduced its carbon footprint by 28 % since 2018, notably by installing solar farms on its network of airports, already reaching 30MW_{pv} of photovoltaic power in operation.

"Through sustainable operations, Belgrade airport aim to reach VINCI Airports' goal of zero net greenhouse gas emissions by 2050. Since 2018, we have been implementing a number of environmental projects such as a natural gas heating plant, solid waste processing plant and wastewater treatment plant. We will continue to operate in a sustainable manner and contribute to a healthier environment" says Francois Berisot, CEO of BELGRADE AIRPORT.

In November 2020, the BELGRADE AIRPORT company joined the Airport Carbon Accreditation Program (ACA) and Nikola Tesla Airport received Level 1 Certificate, while the process for Level 2 Certificate is in progress. Furthermore, an initiative is launched to implement ISO 50001 standard on energy efficiency, which will place BELGRADE AIRPORT among the few companies in the country that have complied their processes with the requirements of this standard.

The expected annual output of the solar power plant is about 1,130,000 kilowatt-hours (kWh) of green electricity, enough to supply about 430 households. The investment will reduce the airport's CO2 emissions by 900 tons per year, said airport operator Belgrade Airport, member of the French company Vinci Airports.

Since 2018, the airport has been implementing environmental projects including the installation of a natural gas heating plant, a solid waste processing plant, and a wastewater processing plant, said Berisot.

In November 2020, Belgrade Airport joined the Airport Carbon Accreditation program - ACA for the management of carbon dioxide emissions, and got a level 1 certificate for the facility, while level 2



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certification is underway. Also, an initiative was launched to implement the 50001 standard on energy efficiency, which will place Belgrade Airport among the few companies in the country that have aligned their operations with it.

Of note, at the beginning of the year, the Nikola Tesla Airport put into operation a natural gas-fueled trigeneration facility for the production of heat, electricity and cooling. The facility was converted from fuel oil.

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