

ADR: Rome Fiumicino Airport's new Solar Farm unveiled

**55,000 silicon panels make up the biggest airport photovoltaic system
in Europe, among the largest in the world.**

- *The system, designed by ADR and built by Enel, will have a power of 22 MWp, which will increase to 60 MWp with the integration of other structures over the next few years, reaching a capacity sufficient for the annual energy needs of 30,000 Italian households.*
- *11,000 tons of CO2 saved per year immediately cut, in line with the Net Zero Carbon goal set for 2030.*

Fiumicino, 20 January 2025 – Aeroporti di Roma (ADR) inaugurated today its new Solar Farm – the largest self-consumption photovoltaic system in a European airport, as well as one of the largest systems in the world within an airport perimeter. The Solar Farm is located along the eastern side of Runway 3 at Rome Fiumicino Airport.

The new infrastructure was designed by ADR and built by Enel in collaboration with Circet, following a European public tender after which the integrated contract was assigned. It extends for almost 2.5 km and is made up of approximately 55,000 mono-crystalline silicon panels: with a capacity of 22 MWp (*measure of the power output of the system*), it will allow the airport to produce approximately more than 30 million kWh (*measure of the energy production potential*) of electricity per year.

This launch represents a first, significant step towards the airport reaching an installed power of 60 MWp in the next 5 years, with the installation of additional solar farms within the perimeter of the current area. Such capacity would be enough to satisfy the annual energy needs of 30,000 Italian households for an entire year, or – in terms of electric cars – to fully charge approximately more than one million vehicles.

Approximately 50 million euros have been invested in total for the implementation of the project, which is part of a portfolio of initiatives for renewable energy generation and sustainable mobility with a financial commitment exceeding 200 million euros.

The Solar Farm, which will contribute to reduce the airport's CO2 emissions by over 11,000 tons per year, is one of the most ambitious initiatives implemented by ADR, in the context of its strong commitment to energy transition and decarbonisation, with the goal of reaching Net Zero Carbon in 2030 – a full 20 years ahead of the industry's target. The infrastructure is part of the ESG strategy outlined by the group leader Mundys, whose objectives have been

certified by SBTi (Science Based Target Initiative), in line with the aim of limiting global warming to 1.5 °C. This is the most ambitious target envisaged by the SBTi protocol (currently adopted by few in the airport sector), and projects such as the photovoltaic system inaugurated today are absolutely essential to reach the goal.

In addition to reducing the use of fossil fuels for the energy needs of airport operations, the new project will also enhance energy independence and resilience to market volatility.

The Solar Farm presentation was attended by ADR's CEO Marco Troncone and Chairman Vincenzo Nunziata; the Italian Minister of the Environment and Energy Security, Gilberto Pichetto Fratin; the ENAC's Chairman Pierluigi Di Palma; the Chairman of Mundys, Giampiero Massolo; the Mayor of Fiumicino, Mario Baccini; Enel X's Head of Global Retail, Francesca Gostinelli; Antonello Aurigemma, President of the Regional Council of Lazio; Giorgio Zampetti, Director General of Legambiente.

"The launch of the new Solar Farm strengthens our commitment to the green transition and decarbonization, with an infrastructure that is unique in the international airport landscape. The energy independence that this new project ensures for our 5-star airport will significantly reduce the environmental impact of our operations, in line with the sustainable development model that we have been building for years - a model representing the first and essential prerequisite for the growth of the airport, the region and the whole country," stated **Marco Troncone, CEO of Aeroporti di Roma**.

*"The air transport sector offers several opportunities for research and development of innovative solutions for decarbonization, and Aeroporti di Roma has been at the forefront of this valuable endeavor for years. This photovoltaic plant proves how the energy transition can generate growth opportunities not only for in terms of business – but also for citizens, who will now benefit from an even greener and more innovative hub" stated Hon. **Gilberto Pichetto Fratin, Italy's Minister of Environment and Energy Security**. "Aeroporti di Roma's Solar Farm at Fiumicino airport represents an important milestone, especially considering the urgent further development in terms of capacity – for an infrastructure committed to energy efficiency and environmental sustainability. Today's inauguration is also an opportunity to celebrate Italian leadership in this crucial sector. As a country, this kind of achievements motivates us to invest and persist with the research and development of increasingly effective and advanced technologies".*

"The construction of this plant confirms the ability of Aeroporti di Roma – a Mundys Group's company – to build strategic infrastructures, while fully respecting the surrounding environment and significantly reducing emissions. The Solar Farm is a perfect example of how airport grounds can be optimized in their entirety to enable the airport's sustainable growth. This is the core feature of the development plan envisaged for the airport, worth €9 billion in private investments, which ADR and Mundys are resolutely carrying forward. If implemented, the plan will demonstrate how an airport facility can coexist perfectly with the

entire surrounding ecosystem, in a fully integrated way,” declared **Giampiero Massolo, Chairman of Mundys.**

“The inauguration of this exceptionally large plant, the first in Europe and among the largest in the world, is a further significant step towards the reconciliation of air transport with the environment, strongly pursued by Enac,” commented **Enac’s Chairman, Pierluigi Di Palma.** *“It is in line with European directives and the Authority’s Guidelines, which have simplified the authorization processes. As Chairman of Enac and of PACTA Foundation’s Institutional Committee, I would like to thank ADR and CEO Marco Troncone for their concrete contribution to overcoming ideological prejudice against the sector; for this project, representing an example of the synthesis between public and private achieved by Enac; for supporting a cohesive Italian system capable of developing the sector in a pioneering way; for all the other actions – also presented during COP29 in Baku, last November. The Solar Farm at Rome Fiumicino airport, which is Italy’s showcase in the world, confirms the sustainability objectives that we have included in the new PNA (i.e., the National Plan for Airports), so as to reach the Net Zero Carbon Emissions objective already in 2030, twenty years ahead of the target. We are proud to see that the principles of sustainability guide the infrastructural growth of the sector, making Italian airports models of excellence also in terms on environmental sustainability”.*

“In the current context, where sustainability is at the centre of global policies, Aeroporti di Roma’s initiative fits perfectly into the vision of growth and sustainable development promoted by our local administration. The creation of a plant of such a size does not only reflect ADR’s foresight, but is also part of an overall strategy aimed at enhancing our area. The airport’s sustainable development plan, which includes returning specific areas to the public, is a tangible sign of how the administration is working to create growth opportunities with the support of small and large businesses, advancing the entire urban ecosystem in a balanced way,” stated **Mario Baccini, Mayor of Fiumicino.**

Speaking at the inauguration of the new plant, **Francesca Gostinelli, Head of Enel X Global Retail,** emphasised the importance of this initiative: *“Throughout its long history, Enel has always looked to the future with optimism and pragmatism, providing customers with integrated solutions and innovations for the energy transition. Today, we are here to celebrate an ambitious achievement: the largest photovoltaic plant for self-consumption renewable energy generation within a European airport. This milestone demonstrates ADR’s growing commitment to energy efficiency and emissions’ reduction”.*



Aeroporti di Roma, a Mundys Group company, manages and develops Rome Fiumicino and Ciampino airports, carrying out other activities related and complementary to airport management. Rome Fiumicino's Leonardo da Vinci Airport the first and only airport in Italy (one of 12 globally, 2nd in Europe) to have obtained a Skytrax rating of 5 Stars for its excellent standards in service quality; in 2024, it was also recognized as the best airport in the world for airport security.

It has two passenger terminals and it is dedicated to business and leisure passengers on domestic, international and intercontinental routes.

Rome Ciampino's G.B. Pastine Airport is primarily used by low-cost airlines, express couriers and general aviation operations. Over the years, ADR has worked tirelessly to build the airport of the future - an innovative and sustainable infrastructure that combines operational efficiency with customer focus, while promoting Italy's cultural and artistic heritage in all its forms. In 2024, as the Roman airport system surpassed 50 million passengers for the first time, Aeroporti di Roma's vision contributed to Fiumicino Airport being named Best Airport in Europe for the seventh consecutive year, in the category of airports with over 40 million passengers. For the first time, Ciampino Airport was also awarded, in the category of airports handling 5 to 15 million passengers.

EXTERNAL RELATIONS AEROPORTI DI ROMA

Press Office: +39 345 1283176 +39 338 6572828 +39 366 6189258

Foreign Press: +39 339 8177825

pressoffice@adr.it

www.adr.it