

Rome Solar Container Two-Way Charging





Overview

Can 2nd-life batteries power the airport in Rome Fiumicino?

As part of the PIONEER project, a commercial use case for 2nd-life batteries in combination with a 30 MWp PV system to power the »Leonardo da Vinci« international airport in Rome Fiumicino will be demonstrated.

What is Italy's largest second-life battery energy storage system?

From ESS News Italy's largest second-life battery energy storage system was officially launched at Rome-Fiumicino airport yesterday. State-owned gas and electric company Enel's 2.5 MW/10 MWh Pioneer project comprises 762 battery packs and modules.

What is Pioneer (Airport sustainability second life battery storage)?

Loccioni, a key system integrator, has announced the successful development and implementation of PIONEER (airPort sustainability secONd lifE battEry stoRage), an innovative second-life battery energy storage system (BESS) designed for airport applications.

Will Rome-Fiumicino have a self-consumption solar project?

Airport management company Aeroporti di Roma (ADR) collaborated on the project, which also drew on the expertise of Germany's Fraunhofer research institute. Rome-Fiumicino already boasts the largest self-consumption solar project at a European airport and Pioneer will be integrated with that "Solar Farm" facility.



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Fiumicino Unveils Europe's Largest EV Battery Storage System

Italy, June 3, 2025: Enel and Aeroporti di Roma (ADR) have officially launched the Pioneer project, a groundbreaking energy storage initiative designed to accelerate decarbonisation ...

Energy Storage for Rome-Fiumicino Airport, Italy , Mercedes ...

Dec 1, 2025 · Mercedes-Benz Energy is helping to enhance the energy efficiency of Rome Fiumicino Airport with its battery storage solutions. The project utilizes repurposed vehicle ...

Italy's largest airport uses recycled EV batteries for power

Jun 4, 2025 · Rome's Fiumicino Airport now uses second-life EV batteries to store solar energy and cut 16,000 tons of CO2 over ten years.

Rome's Fiumicino Airport Unveils Europe's Largest EV Battery ...

Jun 4, 2025 · Europe's largest airport solar-battery integration, boosting energy resilience and circular economy leadership. Rome's Fiumicino International Airport has launched Pioneer, ...

PIONEER - Airport Sustainability Second Life ...

The PIONEER project aims to support the »Leonardo da Vinci« international Airport in Rome Fiumicino on its way toward net zero emission airport. A ...

Rome's Fiumicino Airport Unveils Europe's ...

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Fiumicino Unveils Europe's Largest EV Battery ...

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The PIONEER Project: A Milestone in Circular ...

Jul 16, 2025 · Loccioni, a key system integrator, has announced the successful development and implementation of PIONEER (airPort ...

Energy Storage for Rome-Fiumicino Airport, ...

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Recycled EV Batteries Power Rome Airport

Jun 5, 2025 · This system operates in conjunction with a large Solar Farm, comprising 55,000 solar panels. Together, the solar farm and BESS are projected to generate 31 GWh of ...



Italy's largest airport uses recycled EV ...

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Recycled EV Batteries Power Rome Airport

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PIONEER - Airport Sustainability Second Life Battery Storage

The PIONEER project aims to support the »Leonardo da Vinci« international Airport in Rome Fiumicino on its way toward net zero emission airport. A 30 MWp photovoltaic system is ...

Enel inaugurates 10 MWh second-life battery ...

Jun 4, 2025 · Enel's Pioneer project is expected to last 10 to 15 years and has been integrated with Rome-Fiumicino airport's Solar Farm, self ...

PIONEER: decarbonising airport operations with second-life ...

Jun 20, 2025 · Rome's Fiumicino Airport, which sees over 50 million passengers each year, is giving new life to used electric car batteries. Through the PIONEER project, they are ...

The PIONEER Project: A Milestone in Circular Energy Storage

Jul 16, 2025 · Loccioni, a key system integrator, has announced the successful development and implementation of PIONEER (airPort sustalnability secONd lifE battEry stoRage), an ...

Enel and Rome Fiumicino Airport Launch ...

Jun 6, 2025 · The stationary battery energy storage system (BESS), with a total capacity of 10 megawatt-hours (MWh), has been installed at ...

Enel and Rome Fiumicino Airport Launch Italy's Largest ...

Jun 6, 2025 · The stationary battery energy storage system (BESS), with a total capacity of 10 megawatt-hours (MWh), has been installed at Fiumicino International Airport and integrates ...

Enel inaugurates 10 MWh second-life battery project at Italian ...

Jun 4, 2025 · Enel's Pioneer project is expected to last 10 to 15 years and has been integrated with Rome-Fiumicino airport's Solar Farm, self-consumption PV system.

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