

# **Rome Energy Storage Power Station Project**





## Overview

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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 the largest storage facility in Italy with Second-Life batteries?

Inauguration of Pioneer, the largest storage facility in Italy with second-life batteries, providing power to the airport Leonardo da Vinci in Fiumicino.

What is Pioneer Energy Storage System?

Inaugurated on June 3, 2025, at Rome Fiumicino Airport, PIONEER is an energy storage system based on repurposed EV batteries.

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.



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The PIONEER Project: A Milestone in Circular ...

Jul 16, 2025 · The project, partially financed by European funds, represents a significant step forward in the field of sustainability, integrating batteries ...

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Reused car batteries power an energy storage facility in an ...

Aug 6, 2025 · Enel used 762 battery packs from Mercedes-Benz, Stellantis, and Nissan to build an energy storage system for the Aeroporti di Roma. According to Enel, this kind of project can ...

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Recycled EV batteries power new 10MWh battery storage system at Rome

Jun 5, 2025 · Recycled electric vehicle (EV) batteries from automakers Nissan and Stellantis have found a second life powering a large-scale battery energy storage system (BESS) at Italy's ...

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

Jun 4, 2025 · 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 ...

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Enel inaugurates 10 MWh second-life battery ...

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Reused car batteries power an energy storage ...

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PIONEER - Airport Sustainability Second Life Battery Storage

Using Rome Airport as an example, the planned 2nd-life battery storage in combination with a PV system shows the way towards the goal of net-zero emissions in the local power supply. In ...

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PIONEER - Airport Sustainability Second Life ...

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

Jun 4, 2025 · 10 MWh energy storage system repurposes 762 end-of-life EV batteries, supporting peak power needs and decarbonization. Expected CO2 reduction of 16,000 tons over the next ...

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Pioneer energy storage system in Fiumicino, Italy

Jun 3, 2025 · Inauguration of Pioneer, the largest storage facility in Italy with second-life batteries, providing power to the airport Leonardo da Vinci in Fiumicino.

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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.

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Fiumicino Unveils Europe's Largest EV Battery ...

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

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Pioneer plant at Fiumicino airport

Jun 3, 2025 · Pioneer plant at Fiumicino airport Italy's largest storage system with second-life batteries is operational at Leonardo da Vinci airport ...

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Fiumicino Unveils Europe's Largest EV Battery Storage System

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Pioneer plant at Fiumicino airport

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