



Rome Energy Storage Power Station





Overview

Rome Fiumicino Airport just turned 84 worn-out Nissan LEAF batteries into a power station, and honestly, it's about time someone did something smart with old EV parts. The project, called Pioneer, launched June 4, 2025. Classic Europe move – they got EU Innovation Funds to help.

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Rome's Fiumicino International Airport has launched Pioneer, Europe's largest energy storage system based on second-life electric vehicle batteries. Developed by Italian utility Enel and airport operator Aeroporti di Roma (ADR), the 10 MWh battery energy storage system (BESS) strengthens the.

The inauguration of the largest energy storage facility using second-life batteries in Italy marks a turning point in the decarbonization of the Fiumicino airport hub. Thanks to the synergy between businesses, institutions and communities, "Made in Italy" innovation continues to lead the energy.

Inaugurated on June 3, 2025, at Rome Fiumicino Airport, PIONEER is an energy storage system based on repurposed EV batteries. Loccioni, a key system integrator, has announced the successful development and implementation of PIONEER (airPort sustainability secONd life battEry stoRage), an innovative.

Italy's largest and busiest airport has integrated a total of 162 recycled Nissan Leaf and Stellantis batteries in an innovative battery energy storage system (BESS) to support its goal of reaching net-zero emissions by 2030. Led by the country's leading electricity and gas distributor Enel and.

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 efforts at Rome's Leonardo da Vinci-Fiumicino Airport. The advanced system repurposes used EV batteries from multiple.

Pioneer comes to life at Rome Fiumicino International Airport, a project that



combines energy transition, circular economy and industrial innovation. Built by Enel and Aeroporti di Roma with the scientific support of the Fraunhofer Institute, Pioneer is the largest energy storage system in Italy.



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Airport Storage Revolution: How Worn Nissan LEAF Batteries ...

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Battery Storage at Fiumicino Airport

ADR announced the arrival of Italy's largest battery storage at Fiumicino Airport, on June 3, 2025. This equipment integrates second-use batteries from three different automotive ...



Rome airport installs hybrid renewable energy project with ...

A new energy storage facility at Rome's Fiumicino Airport is using second hand car batteries in a bid to reach Net Zero Carbon by 2030. The storage system known as "Pioneer" is the largest ...

Pioneer energy storage system in Fiumicino, Italy

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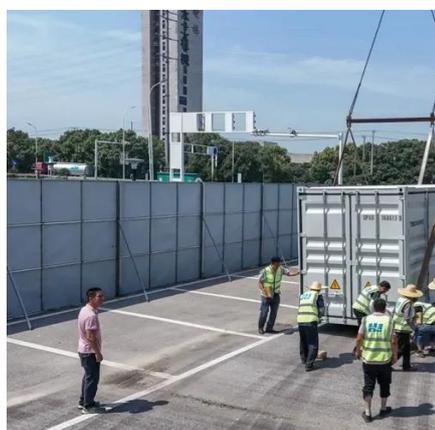


Rome's Fiumicino Airport Unveils Europe's Largest EV Battery Energy

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

[The PIONEER Project: A Milestone in Circular Energy Storage](#)

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Italy's largest airport uses recycled EV batteries for power

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[Pioneer energy storage system in Fiumicino, Italy](#)

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[Energy storage system based on EV batteries ...](#)

Italy's largest energy storage system based on used batteries for electric vehicles was inaugurated on Tuesday at Rome's Fiumicino ...

Energy storage system based on EV batteries launched at Rome...

Italy's largest energy storage system based on used batteries for electric vehicles was inaugurated on Tuesday at Rome's Fiumicino airport to help it reduce carbon emissions.



Fiumicino Unveils Europe's Largest EV Battery Storage System

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Pioneer plant at Fiumicino airport

Built by Enel and Aeroporti di Roma with the scientific support of the Fraunhofer Institute, Pioneer is the largest energy storage system in Italy based on second-life batteries, ...



[Rome's Fiumicino Airport Unveils Europe's Largest ...](#)

Europe's largest airport solar-battery integration, boosting energy resilience and circular economy leadership. Rome's Fiumicino ...



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