



Rome Mobile Energy Storage Container Hybrid





Overview

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 in Italy using hybrid second-life batteries, and it's one of the largest in Europe.

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In partnership with German research institute Fraunhofer, ADR (Aeroporti di Roma) and Enel have launched the Pioneer project (airPort sustainability secONd lifE battEry stoRage) at Rome’s Fiumicino International Airport. According to the partners, it is the largest energy storage system using.

Fiumicino Airport launches Pioneer, a major energy project using recycled EV batteries to boost sustainability and power resilience. An innovative energy storage system is helping Rome Fiumicino International Airport (FCO) harness renewable energy more effectively, capturing power for use even when.

Pioneer, the largest Italian system – and among the main ones in Europe – of energy storage based on hybrid second-life batteries, arrives at Leonardo Da Vinci Airport in Fiumicino. The heart of the project will be 762 battery packs and modules from three different car manufacturers – Nissan.

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.

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.

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.



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Fiumicino Unveils Europe's Largest EV Battery Storage System

The advanced system repurposes used EV batteries from multiple automotive brands, making it the largest hybrid second-life battery installation in Italy and one of the most ...



[Rome-Fiumicino Airport Decarbonizes Via Batteries](#)

The project is the largest energy storage system using hybrid second-life batteries in Italy. The technology of the storage system will integrate second-life batteries from three ...

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

It is a fully electric (methane-free) micro-grid that connects all our laboratories and several residential buildings. It is powered by ...



[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 ...



Rome's Fiumicino Airport launches Italy's largest second-life ...

According to the partners, it is the largest energy storage system using hybrid second-life batteries in Italy, and one of the largest in Europe. Pioneer is projected to save ...



[Fiumicino Unveils Europe's Largest EV Battery ...](#)

The advanced system repurposes used EV batteries from multiple automotive brands, making it the largest hybrid second-life ...



[Rome Airport powers up with second-life EV batteries](#)

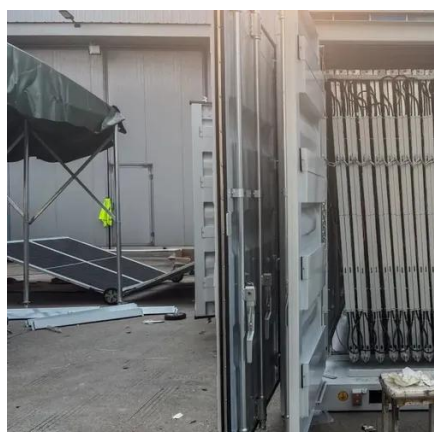
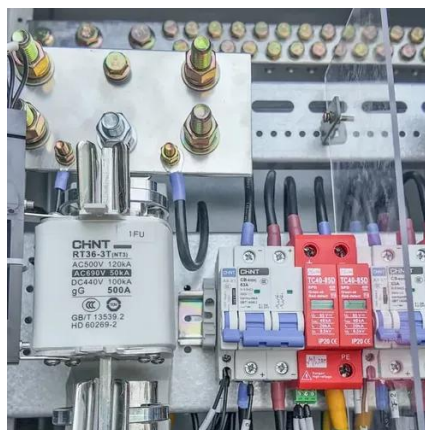
Rome Fiumicino leads as a sustainable airport with Europe's largest second-life battery energy storage system. As Italy's largest hybrid ...



[Rome's Fiumicino Airport launches Italy's largest ...](#)



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

[Rome airport installs hybrid renewable energy project with](#)

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[Rome Airport powers up with second-life EV batteries](#)



Rome Fiumicino leads as a sustainable airport with Europe's largest second-life battery energy storage system. As Italy's largest hybrid second-life battery energy storage ...



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.



Rome airport installs hybrid renewable energy project with ...

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<https://www.asimer.es>

Phone: +34 910 56 87 42

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