



Large-scale energy storage project in Rome





Overview

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.

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Nissan is contributing to a pioneering energy project at Rome's Fiumicino Airport, Italy's largest international transport hub, by supplying repurposed Nissan LEAF electric vehicle (EV) batteries. This initiative showcases a sustainable solution for "end of life" EV batteries, giving them a second.

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.

84 Nissan LEAF batteries reconditioned and used to supply 2.1 MWh of energy storage to Enel's large-scale pioneering system. Coupled with the solar farm, the system is expected to generate 31 GWh of renewable electricity per year. Rome, Italy - Nissan is delivering clean energy at scale through its.

Fiumicino Airport launches innovative second-life battery system to boost renewable energy use and cut emissions. Rome's Fiumicino International Airport has become the first in Italy to deploy a large-scale energy storage system built entirely from used electric vehicle batteries, in a bid to.

Mercedes-Benz Energy is helping to enhance the energy efficiency of Rome Fiumicino Airport with its battery storage solutions. The project utilizes repurposed vehicle batteries from Mercedes-Benz as stationary energy storage systems. The



whole 10 MWh BESS (Battery Energy Storage System) is fully.



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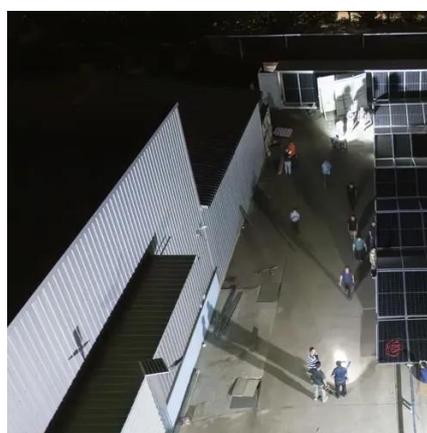


[Pioneer energy storage system in Fiumicino, Italy](#)

The inauguration of the largest energy storage facility using second-life batteries in Italy marks a turning point in the decarbonization ...

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

Enel: Italy launches an innovative energy storage system at Rome's Fiumicino airport, utilizing old electric vehicle batteries to significantly reduce carbon emissions and store ...

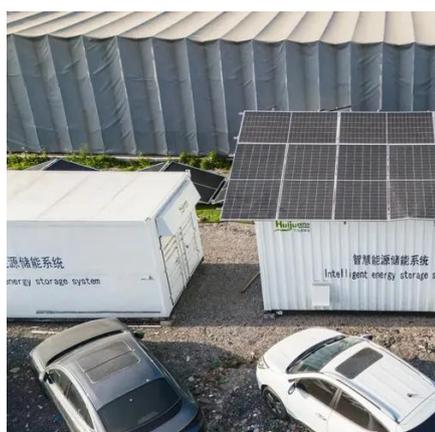


[Energy Storage for Rome-Fiumicino Airport, Italy](#)

Mercedes-Benz Energy is helping to enhance the energy efficiency of Rome Fiumicino Airport with its battery storage solutions. The project utilizes ...

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 ...



Rome's Fiumicino Airport Powers Up with Reused EV Batteries to ...

Rome's Fiumicino International Airport has become the first in Italy to deploy a large-scale energy storage system built entirely from used electric vehicle batteries, in a bid to ...

[Recycled EV Batteries Power Rome Airport](#)

This landmark project demonstrates the significant potential of repurposing EV batteries to deliver clean and flexible energy beyond their initial use in vehicles. Nissan Energy ...



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

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.

[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 ...



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

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



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

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 ...



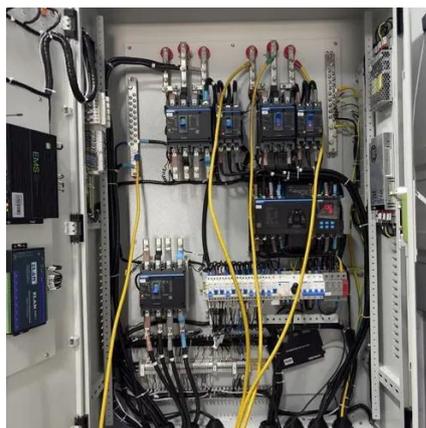
Energy storage system based on EV batteries launched at Rome...

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'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 ...



[Nissan LEAF Batteries start their second life with ...](#)

Nissan is delivering clean energy at scale through its contribution to a cutting-edge Battery Energy Storage System (BESS) for ...



[Rome's Fiumicino Airport Powers Up with Reused ...](#)

Rome's Fiumicino International Airport has become the first in Italy to deploy a large-scale energy storage system built entirely from ...



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

Mercedes-Benz Energy is helping to enhance the energy efficiency of Rome Fiumicino Airport with its battery storage solutions. The project utilizes repurposed vehicle batteries from ...



Nissan LEAF Batteries start their second life with Pioneer at Italy's



Nissan is delivering clean energy at scale through its contribution to a cutting-edge Battery Energy Storage System (BESS) for Aeroporti di Roma's (ADR) Fiumicino Airport - ...



[Recycled EV Batteries Power Rome Airport](#)

This landmark project demonstrates the significant potential of repurposing EV batteries to deliver clean and flexible energy beyond their ...





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