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Rome Energy Storage Project



Overview

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.

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 Pioneer Energy Storage System?

Inaugurated on J, 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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SUSTAINera, the circular economy division of Stellantis, has supplied second-life batteries to Enel and Aeroporti di Roma (ADR) for ...

The stationary battery energy storage system (BESS) with automotive batteries has been developed with German research institute ...

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

These batteries contribute 2.1 MWh of energy storage to the overall project. The reused

batteries are Gen 3 30kWh and Gen 4 40kWh LEAF batteries, sourced from high ...

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

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

The Rome-Fiumicino Airport will decarbonize by integrating second-life batteries into an energy storage system. The Pioneer project (airPort sustainability secOND lifE battEry ...

) Rome, June 3rd, 2025 - An innovative storage system that accumulates renewable energy to be used even when the sun is not out, and above all leverages used electric vehicle batteries ...

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

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PIONEER: Airport Sustainability Second Life Battery Storage Following the successful submission of the PIONEER project's proposal in the framework of Innovation Funds Call

for small scale ...

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

10 MWh energy storage system repurposes 762 end-of-life EV batteries, supporting peak power needs and decarbonization. Expected ...

The project, partially financed by European funds, represents a significant step forward in the field of sustainability, integrating batteries from three distinct automotive ...

The Rome airport project builds on similar Nissan collaborations, including energy storage systems in Spain and other ...

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

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.

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...

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 ...

Rome, 3 June 2025 - SUSTAINera, the division dedicated to the Circular Economy in Stellantis, has contributed to the PIONEER project (airPort ...

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