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# Rome's largest energy storage project



## Overview

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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.

What is Pioneer Energy Storage?

Pioneer is the largest energy storage facility in Italy powered by second-life batteries, built to support the energy needs of Leonardo da Vinci Airport.

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.

Will Rome-Fiumicino have a self-consumption solar project?

Airport management company Aeroporti di Roma (ADR) collaborated on the project, which also drew on the expertise of Germany's Fraunhofer research institute. Rome-Fiumicino already boasts the largest self-consumption solar project at a European airport and Pioneer will be integrated with that "Solar Farm" facility.

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The stationary battery energy storage system (BESS), with a total capacity of 10 megawatt-hours (MWh), has been installed at Fiumicino International Airport and integrates ...

The PIONEER project aims to support the »Leonardo da Vinci« international Airport in Rome Fiumicino on its way toward net zero emission airport. A 30 MWp photovoltaic system is ...

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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 ...

The Pioneer project (airPort sustainability secOND lifE battEry stoRage), carried out by Enel and ADR (Aeroporti di Roma) with the scientific contribution of the German research ...

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Rome's busy Fiumicino airport just launched Italy's largest energy storage unit made from recycled electric vehicle batteries, reported Reuters. The system, called Pioneer, turns ...

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

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