



# Environmental Protection Project Using Italian Automated Energy Storage Containers





## Overview

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800MW+ battery energy storage systems – environmental authorisation procedure for 4 projects – environmental permitting, environmental impact assessment, landscape report, suitability assessment, Archaeological Report, for Enel.

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The largest project, a 160 MW facility, will be built in the municipality of Tuscania. Italy's Ministry of the Environment and Energy Security (Mase) has issued final approvals for five new battery energy storage system (BESS) projects, paving the way for 361 MW of new capacity to be added to the.

Italy has taken a major step forward in its energy transition efforts, giving the green light to 361 MW of new battery energy storage systems (BESS) spread across three regions—Lazio, Puglia, and Sardinia. This move underscores the country's growing commitment to grid resilience, energy.

Rome, April 2025 – In a bold move to meet its EU-mandated greenhouse gas emissions targets, Italy is accelerating its renewable energy strategy under the Integrated National Energy and Climate Plan (PNIEC Italy). The government has set ambitious goals for increasing renewable energy on the national.

800MW+ battery energy storage systems – environmental authorisation procedure for 4 projects – environmental permitting, environmental impact assessment, landscape report, suitability assessment, Archaeological Report, for Enel. Enel selected CESI to provide preliminary environmental impact.

Italy, which has always been a pioneer in renewable energy, continues to innovate with BESS (Battery Energy Storage Systems). Enel is leading this revolution with advanced projects both nationally and internationally, thereby contributing to Grid stabilization and decarbonization. Since the 1980s.

This month we speak to Marco Petrone, CEO of Telis Energy Italy, about the role of Battery Energy Storage Systems (BESS) in fast-tracking the future of energy in Italy. Q: Marco, how are Battery Energy Storage Systems (BESS) currently



influencing Italy's energy transition?

MP: BESS are becoming. Where in Italy will a new battery energy storage system be built?

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Is Italy a leader in industrial energy storage and commercial energy storage?

Accordingly, there is a growing market for industrial energy storage and commercial energy storage projects, positioning Italy as a leader in advanced Italy storage solutions and renewable energy Italy initiatives.

What is the future of energy storage in Italy?

MP: The future of energy storage in Italy is bright. With investments in technology, regulatory support, and declining costs, BESS will become a key pillar of Italy's transition to a sustainable energy future. Telis Energy is proud to play a role in this journey by originating, developing, and building high-quality BESS projects.

Which projects have a battery energy storage system been implemented?

Internationally, we have already implemented major projects such as the Tynemouth stand-alone storage system in the UK and the La Cabaña photovoltaic plant in Chile, which is equipped with a Battery Energy Storage System that ensures its efficiency and stability.



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### [BESS: the future of renewable energy storage](#)

Learn how Enel transforms renewable energy in Italy with advanced BESS storage systems, providing stability and flexibility.

### [Italy Accelerates Solar Energy and Industrial ...](#)

As the penetration of solar power increases, grid stability has become a critical issue. In response, Italy is prioritizing the development ...



### **Battery energy storage systems**

Enel selected CESI to provide preliminary environmental impact assessments and landscape assessments for the development of several battery energy storage systems in Italy.

### **Italian Container Energy Storage Solutions: Powering Europe's ...**

With containerized storage systems becoming the backbone of grid flexibility, Italy's energy transition story offers lessons for the entire EU.



Let's unpack why companies are racing to ...



## 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 ...

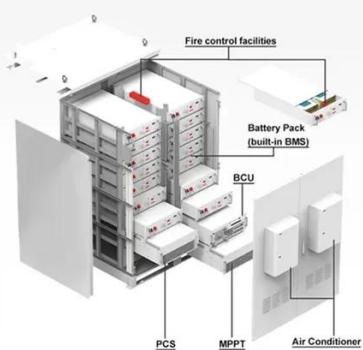
### [Italy greenlights 361 MW of new battery storage ...](#)

Italy's Ministry of the Environment and Energy Security (Mase) has issued final approvals for five new battery energy storage system ...



## Italy Approves 361 MW of Battery Energy Storage Systems to ...

Italy has approved 361 MW of battery energy storage systems to support renewable energy and grid stability across Lazio, Puglia, and Sardinia.





## [Italian container energy storage project](#)

Are battery energy storage systems a good idea in Italy? Storage systems can therefore maximize clean electricity generation and are indispensable for achieving decarbonization goals, thus ...

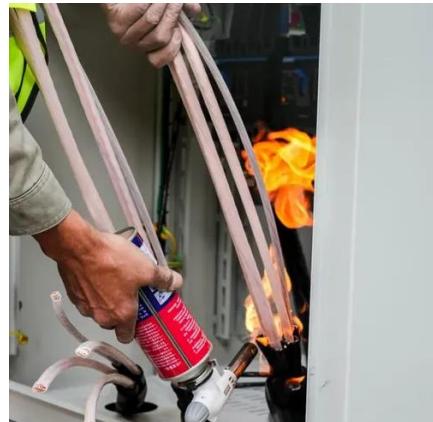


## [BESS: the future of renewable energy storage , Enel Group](#)

Learn how Enel transforms renewable energy in Italy with advanced BESS storage systems, providing stability and flexibility.

## **Powering Italy's Green Future: How Battery Energy Storage ...**

This month we speak to Marco Petrone, CEO of Telis Energy Italy, about the role of Battery Energy Storage Systems (BESS) in fast-tracking the future of energy in Italy.



## **Italy Accelerates Solar Energy and Industrial Energy Storage ...**

As the penetration of solar power increases, grid stability has become a critical issue. In response, Italy is prioritizing the development of grid-scale battery energy storage ...



## EU Approves EUR17.7 Billion for Italy's Renewable Energy Storage

By implementing large-scale electricity storage facilities, the Italian scheme aspires to reduce energy reliance on fossil fuels and foster a resilient grid, prepared to handle ...



## [Italy greenlights 361 MW of new battery storage projects](#)

Italy's Ministry of the Environment and Energy Security (Mase) has issued final approvals for five new battery energy storage system (BESS) projects, paving the way for 361 ...



## Contact Us

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