

Project **Bal** ⚡ **iço**

GRID-SCALE ENERGY STORAGE
INFRASTRUCTURE



**Powering the next phase of
Europe's renewable transition.**

Confidential Investor Overview

PORTUGAL

A Major Energy Storage Opportunity in Portugal

Portugal currently has less than 100 MW of operational battery storage capacity.

At the same time, the country is rapidly expanding solar and wind generation across the Iberian Peninsula, increasing the need to balance intermittent energy production.

Battery Energy Storage Systems (BESS) provide the infrastructure required to store electricity during peak production and release it when demand is highest, stabilising the grid and improving market efficiency.

As renewable capacity grows, large-scale battery storage becomes essential infrastructure.



**The Energy System
Is Transforming**



Energy Storage at Scale

From <100 MW Today to ~5 GW by 2030

Portugal's current battery storage capacity remains extremely limited.

However, national energy strategy and grid requirements indicate the need for approximately 5 GW of battery storage by 2030.

This represents a 50x expansion of storage infrastructure within the next decade.

The National Energy and Climate Plan (PNEC 2030) identifies storage as a critical pillar for integrating renewable energy into the grid.

Structural Drivers Creating the Opportunity

Several structural factors are accelerating the need for battery storage in Portugal:

- Rapid expansion of solar and wind generation
- Government targets for 85% renewable electricity by 2030
- PNEC strategy prioritising large-scale energy storage deployment
- Regulatory reforms enabling hybrid and co-located storage projects
- Grid resilience investment following recent Iberian grid disruptions

Together, these factors create a multi-gigawatt deployment opportunity for BESS infrastructure in Portugal over the coming decade.



**Renewables Drive
the Transition**

A Utility-Scale Battery Storage Asset

Project Baloioço is a grid-connected battery energy storage system located in Portugal.

- **30MW Capacity**
- **120MWh Storage**
- **4-Hour Duration**
- **Portugal**



The system stores electricity during periods of excess generation and releases it when electricity demand rises, supporting grid stability and improving renewable energy integration.

Infrastructure characteristics:



Utility-scale
energy storage



Long-duration
battery system



Grid-connected
infrastructure asset



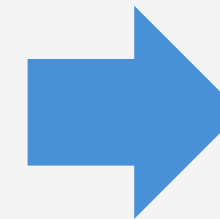
Approximately 20-year
operational lifespan

Longer Duration. Greater Flexibility.



2 Hour
60MWh

Battery technology continues to evolve toward longer duration systems capable of supporting a wider range of grid services.



Project Baloço has been configured as a 4-hour storage system, enabling greater operational flexibility compared to shorter duration installations.



4 Hour
120MWh

This configuration allows participation across multiple grid services and electricity market cycles.

Building an Iberian Storage Platform

Project Baloio is intended to serve as the foundation for a broader energy storage platform across the Iberian Peninsula.

Seed Asset
Baloio



Additional
Storage Assets



100MW+
Platform



Institutional
Scale

The project establishes:

-  an operational flagship asset
-  an auditable performance record
-  a platform for portfolio expansion

Future growth may include additional battery storage assets throughout Portugal, creating a diversified infrastructure platform positioned for institutional capital participation.

Infrastructure for the Energy Transition

Energy storage is rapidly becoming one of the most important infrastructure sectors supporting the global transition to renewable power.

Battery storage systems provide the flexibility required for modern electricity networks, enabling renewable generation to operate efficiently and reliably.

Projects such as Baloıço represent a new class of infrastructure asset supporting the future of energy.

Further information available upon request.



Project
Bal  **ıço**

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