

# Tuturano

GRID-SCALE ENERGY STORAGE  
INFRASTRUCTURE PROJECT



## PROJECT INFORMATION MEMORANDUM

**54.406 MW / 202.240 MWh**  
Tuturano, Brindisi, Puglia

August 2026

# A 54.4 MW storage asset with secured grid access

## General information

| FIELD                 | DETAIL                     |
|-----------------------|----------------------------|
| Location              | Tuturano, Brindisi, Puglia |
| Reference number      | MASE ref. PE-199-2024-05   |
| Connection            | Underground, 36 kV         |
| Terna technical table | Obtained                   |
| Grid connection PTO   | Obtained                   |
| Terna's approval      | Forecast Q4 2026           |



Nominal power

**54.406 MW**



Injection power

**57.200 MW**



Energy

**202.240 MWh**



Grid distance

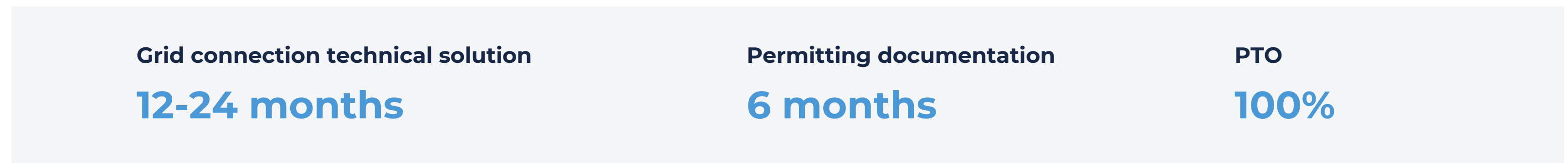
**1.8 km**

Connection point

**Future expansion of the  
380/150 kV Brindisi Sud substation**

# Project Timeline

The project is progressing from secured land and grid milestones toward the single authorisation.



# Grid connection is technically advanced

The 36 kV underground connection is planned over approximately 1.8 km, with core technical approvals already obtained.

| CONNECTION           | STATUS |
|----------------------|--------|
| MV line              | N/A    |
| HV line              | 36 kV  |
| HV line length       | 1.8 km |
| User substation bay  | No     |
| Condominium          | No     |
| Leading organisation | No     |

| MILESTONE                         | OUTLOOK  |
|-----------------------------------|----------|
| Technical table - pre-feasibility | Approved |
| Technical table - PTO             | Obtained |
| PTO achievement                   | Obtained |
| AU achievement                    | Q4 2026  |

|                  |              |
|------------------|--------------|
| Connection works | SE expansion |
|------------------|--------------|

# Permitting: national and local opinions

The permitting process shows broad institutional support, with favourable or non-binding opinions across the consulted bodies.

| AUTHORITY       | POSITION                                                 |              |
|-----------------|----------------------------------------------------------|--------------|
| Fire Department | Favourable                                               |              |
| MIMIT           | Favourable                                               |              |
| Superintendence | Non-binding opinion for the Ministry                     |              |
| VPIA            | Non-binding opinion for the Ministry                     |              |
| ENAC            | Favourable                                               |              |
| Municipality    | Non-binding opinion; latest integration feedback pending |              |
| Region          | Non-binding opinion for the Ministry                     | 3 favourable |

# Permitting: infrastructure authorities

The permitting process shows broad institutional support, with favourable or non-binding opinions across the consulted bodies.

| AUTHORITY                          | POSITION                                        |
|------------------------------------|-------------------------------------------------|
| Province - storm water discharge   | Favourable                                      |
| Province - landscape authorisation | Non-binding opinion for the Ministry            |
| Traffic Authority                  | Favourable with prescriptions - execution phase |
| Basin Authority                    | Favourable                                      |
| ARPA                               | Favourable                                      |
| Military Command                   | Favourable                                      |
| SNAM                               | Favourable                                      |
| ANAS                               | Favourable                                      |

7 favourable

# Permitting: final outstanding feedback

Most consulted authorities have issued favourable opinions; one integration response remains pending.

| AUTHORITY                 | POSITION                                        |
|---------------------------|-------------------------------------------------|
| Customs Agency            | Favourable                                      |
| Apulian Aqueduct          | Latest integration feedback pending             |
| Apulian Water Authorities | Favourable with prescriptions - execution phase |

2 favourable

# Compact footprint, utility-scale configuration



**~0.7 ha**  
agricultural parcel  
in Tuteurano

## Plant configuration

- 11 battery units
- Pair of DC/AC inverters per unit
- 6,740 kVA LV/HV transformer
- 36 kV high-voltage equipment
- One control room
- Underground 36 kV cable duct
- Perimeter fence and controlled access

Each container stores  
approximately 5,200 kWh.

# Technical Specifications

The plant can address both capacity market requirements and grid stabilisation services.



Capacity

**50 MW**



Energy

**202 MWh**



Nominal power

**54.406 MW**



Injection power

**50.000 MW**



Voltage

**36 kV**



Connection distance

**1.8 km**



**Terna approval: in progress**

# Power Conversion System

The modular design combines containerised storage, conversion and protection equipment in a repeatable 4.8 MW configuration.



## Each battery unit includes

- 04 containers
- 02 DC/AC inverters
- 01 36 kV LV/HV transformer
- 01 36 kV switchgear

# Direct 36 kV connection to the Brindisi Sud grid node



## National Transmission Grid connection

The plant will connect in an antenna configuration at 36 kV to the existing 380/150 kV Brindisi Sud substation.

The underground route minimises visual impact. Horizontal Directional Drilling will be used to cross the drainage canal west of the site.

**1.8 km**

underground  
connection line

**HDD**

canal crossing  
technology