
TERNA

presence and future in Montenegro

Podgorica 21st September 2016

Who we are

A large energy transmission grid operator

- The Terna Group is [the sole operator and owner of the Italian High-Voltage National Transmission Grid \(NTG\)](#). It holds a government licence and a regulated monopoly arrangement.
- [The first independent transmission system operator in Europe](#), managing over 70,000 km of power lines.
- It manages electricity [transmission activities](#) around Italy, and [electricity flows](#), 365 days a year, 24 hours a day.
- Listed on the Stock Exchange since 2004, it is [one of the leading industrial companies on the FTSE-MIB index](#).
- Terna remains one of the foremost Italian enterprises with a workforce of [around 3,500 employees](#).

Who we are

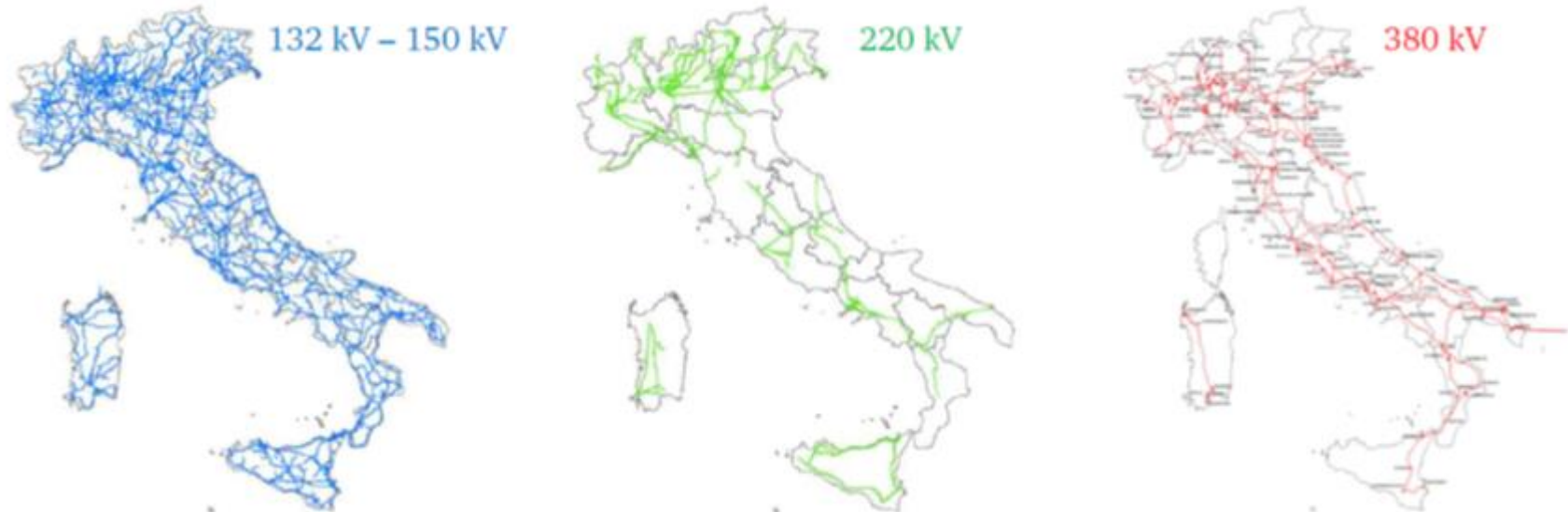
A large energy transmission grid operator



- With respect for the landscape and local communities, Terna **develops and extends the NTG** updating it constantly to the most advanced technological standards.
- Terna guarantees **the security of the NTG** adopting operating standards of excellence and innovative models in integrated risk management.

Who we are

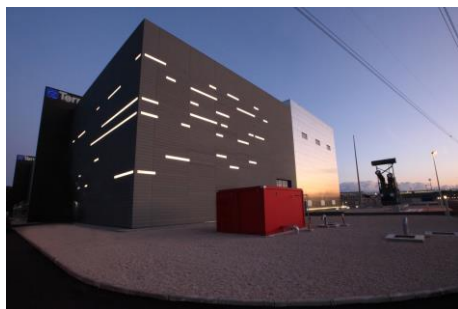
Our assets



- Over 70,000 km of high-and extra-high voltage power lines (132/150kV, 220kV, 380kV).
- ~ 500 transforming stations.
- 24 international lines with neighbour countries.
- 1 security Operations Centre.

Our performance

Three record-breaking projects that have changed the face of the Electricity Grid



- **SA.PE.I**

Sardinia mainland

The record breaking cable

The first to directly link Sardinia to the Italian Mainland. The longest in the world at 1,000 MW (435km); the deepest in the world (1,640m)



- **SORgente-RIZZICONI**

An energy bridge under the Straights of Messina

The longest extra high voltage AC cable in the world (38km)



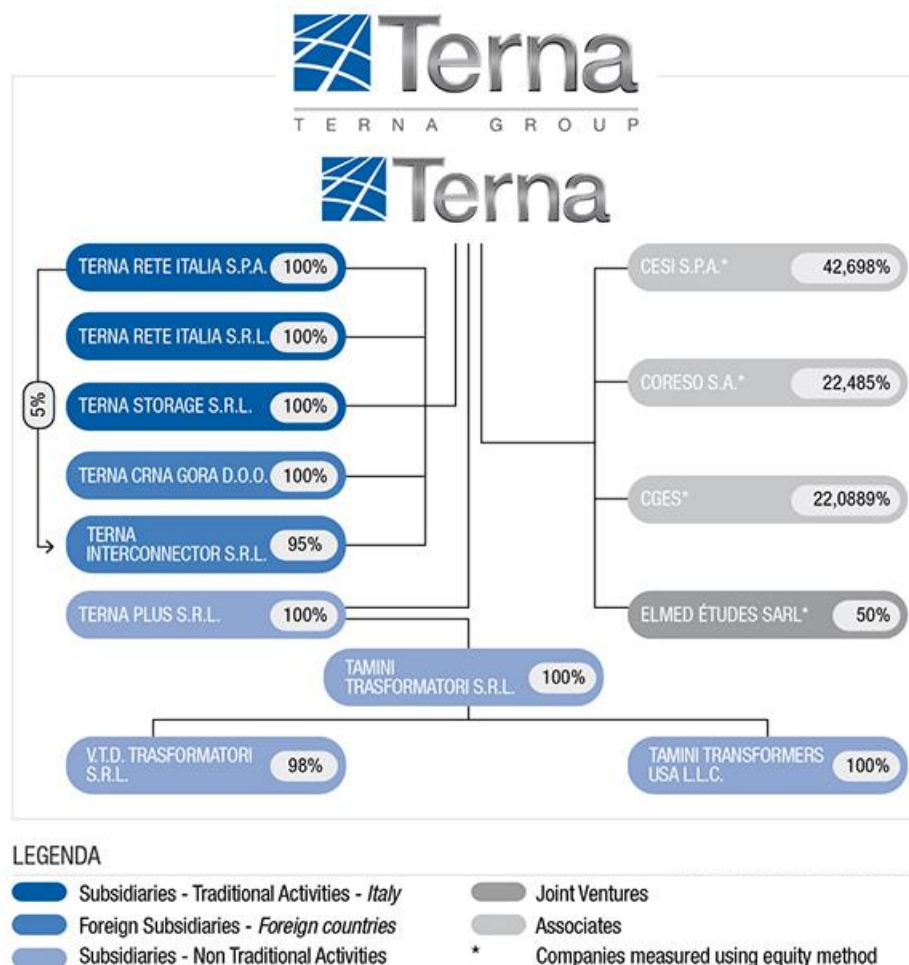
- **CHIGNOLO PO-MALEO**

The most environmentally friendly power line in Italy

Build almost entirely with single stem supports designed by Terna a world's first for technological innovation.

Who we are

The Terna Group



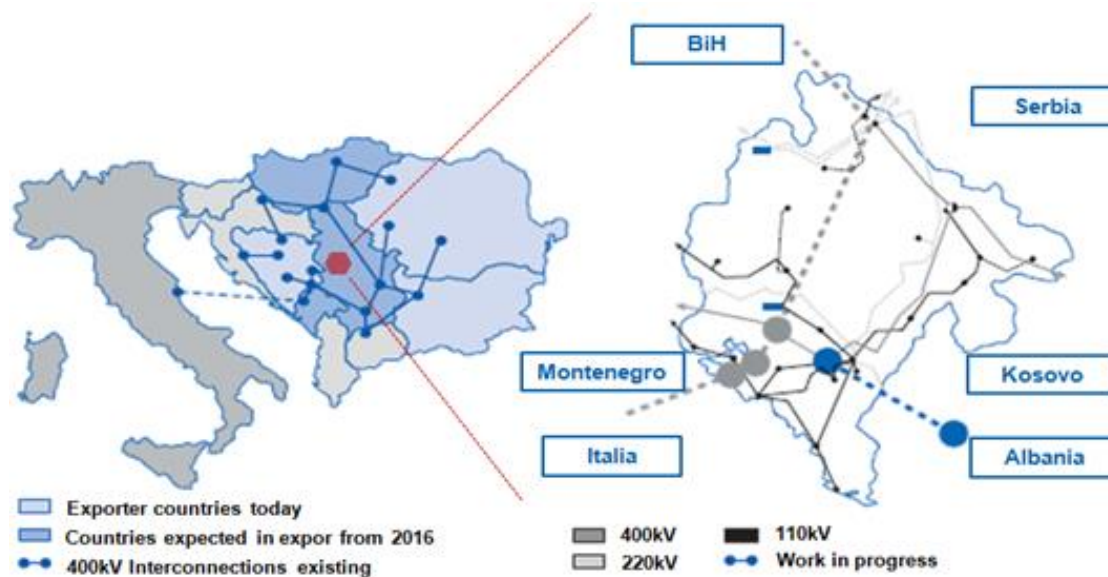
- Terna S.p.A., the Parent Company, sets out the strategic guidelines for developing the grid and for the new businesses.
- Terna Rete Italia is the operating company managing the Italian transmission grid: operation, maintenance and development.
- Terna Plus creates new businesses associated with non-regulated activities in Italy and abroad.
- Tamini Trasformatori S.r.l., an Italian excellence recognized around the world, works in the production and sale of industrial electrical power transformers.

MON.ITA. Project

- The Italian Republic and the State of Montenegro have signed an **intergovernmental agreement**, signing the mutual commitment and interest in developing a new electrical interconnection between the two countries. This agreement provides that Terna S.p.A. is responsible for the construction of the electrical interconnection, while CGES is responsible for the implementation of appropriate reinforcement and improvement of the electricity network in Montenegro.
- Terna, CGES AD - network operator of Montenegro - and the Ministry of Economy of Montenegro signed an agreement providing **acquisition by Terna SpA 22% of the share capital through a capital increase** of 34 million euro.
- It also ratified by the parties:
 - Shareholders Agreement (SSHA)**: Act to regulate the roles and responsibilities of Terna SpA into the shareholding of CGES;
 - Project Coordination Agreement (PCA)**, which governs procedures and times for the different implementation phases of the interconnection and reinforcements network.
- Pursuant of the provisions of local legislation for foreign investors, has shown a need to establish **Terna Crna Gora**, a company 100% owned by Terna, but registered with the Chamber of Commerce in Podgorica.

MON.ITA. Project

Interconnection Italy Montenegro



Main Project data:

CAPEX: ~ 1,1 bn €

Capacity: till 1.000MW

Converter Stations: 2

Submarine Cable: ~ 400 km

Terrestrial Cable: 22km

In commercial operation: 2018

MON.ITA. Project

Layout of project infrastructures in Italy and Montenegro

