

## Demo 3 Special Workshop



# Upgrading multiterminal HVDC interconnectors

9 May 2018 - 8:45 -16:00 - Codrongianos (Italy)

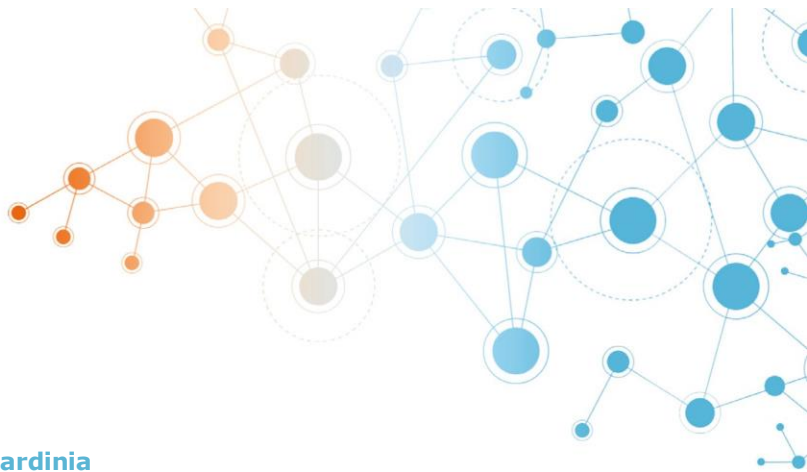
The 3<sup>rd</sup> in our series of Best Paths Special Workshops will show the new technological solutions to **upgrade multi-terminal HVDC links**. The innovations are being developed in **Demo 3** of the EU-funded project Best Paths.

Within the Best Paths project, partners chose the High Voltage Direct Current network that connects **Sardinia, Corsica and mainland Italy** (called SACOI) as the laboratory for investigating these new HVDC technologies.

[Register to the workshop](#) to meet our experts, discover Terna's state-of-the-art electric station in Sardinia and see live demonstration of the latest innovations in HVDC technologies.

| Draft agenda  |  |
|---------------|--|
| 8h45 – 9h15   | <b>Registration</b>  |
| 9h15 – 9h30   | <b>Welcome</b><br>Antonio Iliceto, TERNA   |
| 9h30 – 10h00  | <b>Overview of the Best Paths project</b><br>Gianluigi Gemelli - Antonio Iliceto, TERNA                                      |
| 10h00 – 10h15 | <b>Introduction to Demo 3 activities</b><br>Massimo Marzinotto, TERNA  |
| 10h15 – 10h45 | <b>Innovative HVDC Converter Technology</b><br>Giovanni Garzi - Renata Bachege, TOSHIBA EU                                   |
| 10h45 – 11h00 | <b>Coffee break/ Demonstration of HVDC cables and joints scale models</b>  |
| 11h00 – 11h30 | <b>Advanced HVDC control functions and techno-economic analysis</b><br>Diego Cirio, RSE                                      |
| 11h30 – 12h00 | <b>Submarine and land cables with XLPE insulation for DC applications</b><br>Roberto Gaspari, NEXANS                         |
| 12h00 – 12h30 | <b>High Temperature Low Sag (HTLS) conductors for overhead DC lines</b><br>Davide Peroni – Giacomo Sarti, DE ANGELI PRODOTTI |
| 12h30 – 13h00 | <b>Insulation of HVDC overhead lines</b><br>Massimo Marzinotto, TERNA  |
| 13h00 – 14h00 | <b>Lunch</b>   |
| 14h00 – 14h30 | <b>Visit of the SACOI Converter</b><br>Antonio Battaglia, TERNA  |
| 14h30 – 15h00 | <b>Coffee break/ individual discussion with Demo 3 Task Leaders</b>  |
| 15h00 – 15h25 | <b>Visit of the Synchronous Condenser plant</b><br>Gianluigi Gemelli, TERNA  |
| 15h25 – 15h50 | <b>Visit of the Storage Lab</b><br>Maura Musio, TERNA  |
| 15h50 – 16h00 | <b>Conclusions</b><br>Antonio Iliceto, TERNA   |





## Event venue

### Terna electric substation – Codrongianos, Sardinia

SP 68, località Martedu - 07040 Codrongianos (SS) - Italy

## Getting to Codrongianos, Sardinia

The closest airport to reach Codrongianos is **Alghero**, where several companies are flying to.

The planning is the following:

- Arrival of participants in the evening of 8<sup>th</sup> May to the hotels in Alghero (see list below)
- Departure of participants from the hotels in Alghero (see list below) around 8:00 am on 9<sup>th</sup> May with a shuttle bus organised by TERNA. The bus will bring the participants to TERNA's electric station in Codrongianos where the event will take place. The route will take around 45 minutes.
- Transfer of participants from Codrongianos to either Alghero airport (for participants leaving the same day) or to the hotels (for participants leaving the day after) after the event.

## Accommodation

### Hotel Calabona

Località Calabona - C.P. 15 - 07041 - Alghero (SS) - ITALY

Tel.: (+39) 079 977343 - (+39) 079 975728

e-mail: [info@hotelcalabona.it](mailto:info@hotelcalabona.it)

website: [www.hotelcalabona.it](http://www.hotelcalabona.it)

### Hotel Carlos V

Lungomare Valencia, 24 - 07041 Alghero (SS) - ITALY

Tel.: (+39) 079 9720600 - Fax: (+39) 079 980298

E-mail: [infohcv@gioricohotels.it](mailto:infohcv@gioricohotels.it)

Website: [www.hotelcarlosv.it](http://www.hotelcarlosv.it)

### Hotel DomoMea

Via Vittorio Veneto, 47 - 07041 Alghero (SS)

Tel.: (+39) 079 9732011

E-mail: [info@hoteldomomea.it](mailto:info@hoteldomomea.it)

Website: [www.hoteldomomea.it](http://www.hoteldomomea.it)

## Contact details

**Gianluigi Gemelli**, Terna spa, +39 0555244016; [gianluigi.gemelli@terna.it](mailto:gianluigi.gemelli@terna.it)

**Antonio Iliceto**, Terna spa, +39 0681655732; [antonio.iliceto@terna.it](mailto:antonio.iliceto@terna.it)

