

Project of common interest:

2.14

Electricity interconnection

North-South electricity interconnections in Western Europe

COUNTRIES INVOLVED

Italy (IT)
Switzerland (CH)

PROJECT PROMOTERS

Greenconnector
www.greenconnector.it

BASIC TECHNICAL DATA

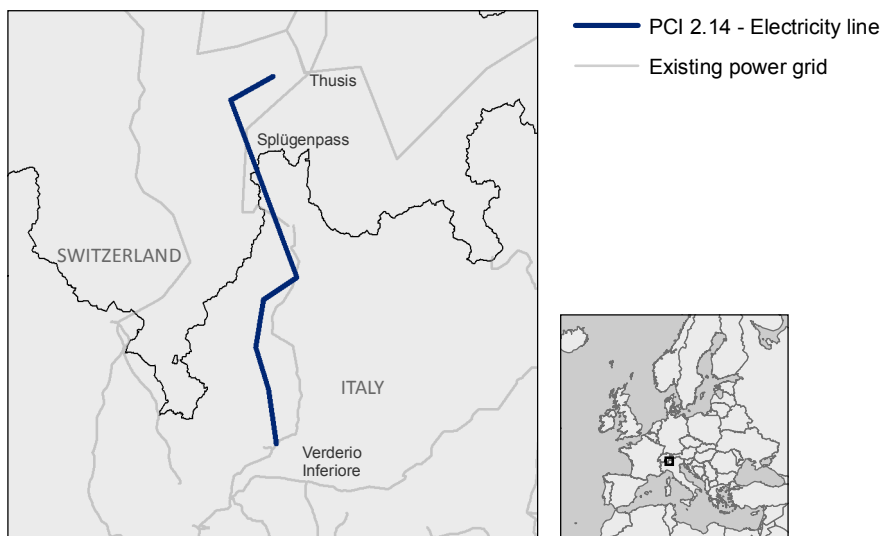
Capacity: 1000 MW (1200 MW in overload)
Power of the compressor station: 400 kW
Voltage: 400 kV
Length: 150

LOCATION

Verderio Inferiore, near Milano (IT) to
Thusis, Graubünden Canton (CH)

COMMISSIONING DATE

2022



Source: PLATTS, GISCO, European Commission

Definition

2.14 - Interconnection between Thusis/Sils (CH) and Verderio Inferiore (IT) [currently known as "Greenconnector"]

Type of technology employed

A +/- 400 kV HVDC cable interconnector of 150 km (of which 47 km under Como lake) and with a capacity of 1000 MW (1200 MW continuous overload) between Verderio Inferiore, near Milano (IT) to Thusis, Graubünden Canton (CH) (onshore). Great part of the cables route will exploit a section of an existing oil pipeline, no longer in service since January 1997 and that crosses the Italian and Swiss border at Splügenpass and is running close by the two grid interconnection points of the Greenconnector project (Sils i.D. in Graubünden and Verderio Inferiore, Lecco).

Implementation status

Permitting

LAST UPDATE

March 2018

Energy

Note: The project location as depicted on the map is indicative only. The final location will be determined once the permit granting procedure has been completed.