

Project of common interest:

2.14

PCI fiche

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

North-South electricity interconnections in Western Europe

CATEGORY

Electricity

COUNTRIES CONCERNED

Italy (IT)
Switzerland (CH)

PROMOTERS

Greenconnector (CH) (IT)

PCI WEBSITE(S)

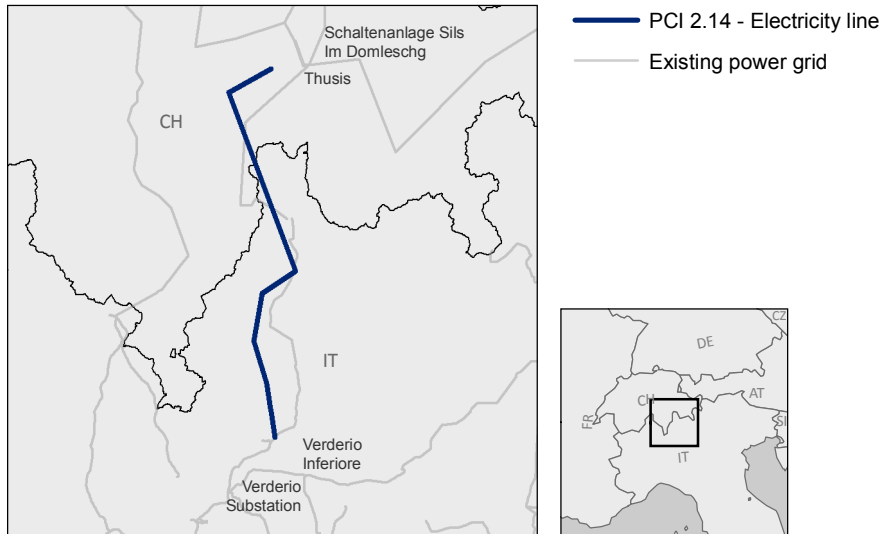
<http://www.greenconnector.it/en/index.html>

LOCATION

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

COMMISSIONING DATE

31/12/2022



Source: PLATTS, GISCO, European Commission

Technical description

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).