G+H GROUP
Our Expertise for your Benefit

Bay of Biscay
A Secure Electricity Supply for Europe

First undersea power interconnection between Spain and France: G+H is supplying soundproof enclosures for the converter stations in Bordeaux and Bilbao.



Insulation

Fire protection

Sound insulation

A new power line connecting Spain and France across the Bay of Biscay is expected to increase transmission capacity from 2,800 to 5,000 megawatts. Millions of people will benefit from the approximately 400-kilo-meter-long line. G+H Noise Control was involved in Europe's most significant energy infrastructure project and provided reliable noise protection at the converter stations in Bordeaux and Bilbao.

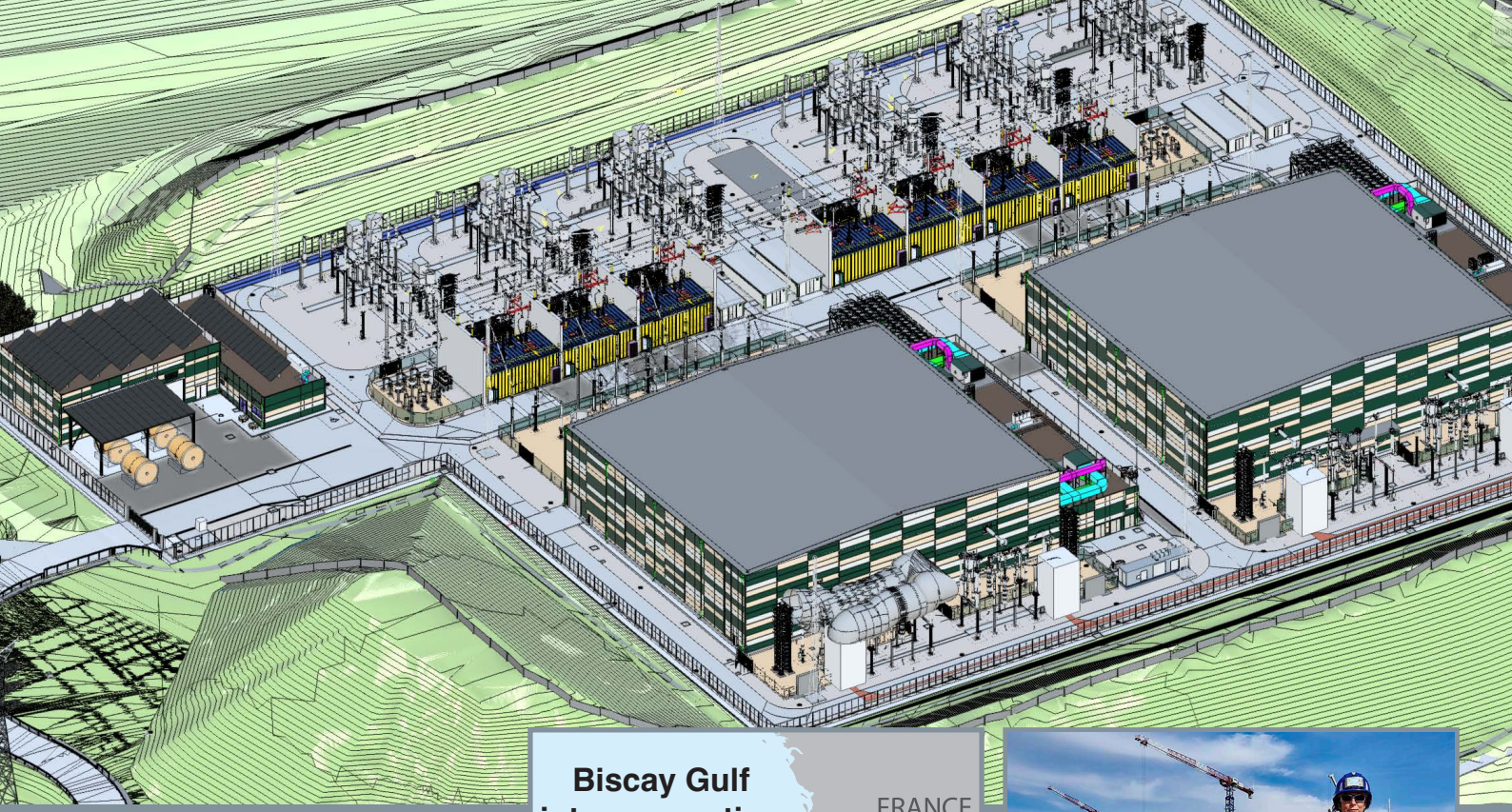
CUSTOMER
VINCI Construction France and VINCI Energies Spain

PROJECT
Soundproof enclosures for two converter stations

CONSTRUCTION PERIOD
April 2026 – March 2028 (expected completion)

INSTALLED PRODUCTS
SONEX®-T

VINCI ENERGIES | BUILDING SOLUTIONS







To ensure optimal sound insulation, the engineering teams from G+H, VINCI Construction France, VINCI Energies Spain, and Hitachi worked in close collaboration. Together, they developed solutions, clarified coordination issues, and optimized processes. G+H Noise Control supplied the complete acoustic enclosures for both converter stations—including steel structures, SONEX®-T elements, ventilation systems, roof and wall waterproofing, and accessible roof surfaces. Close collaboration with all parties involved, along with the G+H team's high level of technical expertise and flexibility, were decisive factors in the project's success.



TASK

- Installation of soundproof enclosures at the two converter stations in France and Spain
- Optimized solution development through collaborative engineering among all participating companies

SOLUTION

- Construction of soundproof enclosures, including steelwork and SONEX®-T elements
- Installation of ventilation systems
- Installation of roof and wall waterproofing
- Creation of accessible roof areas

BENEFITS

- Optimal sound insulation: reliable power supply throughout Europe without noise
- Smooth implementation of the concept through the use of synergies among cross-border teams of experts

G+H NOISE CONTROL
Customized Engineering Solutions

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