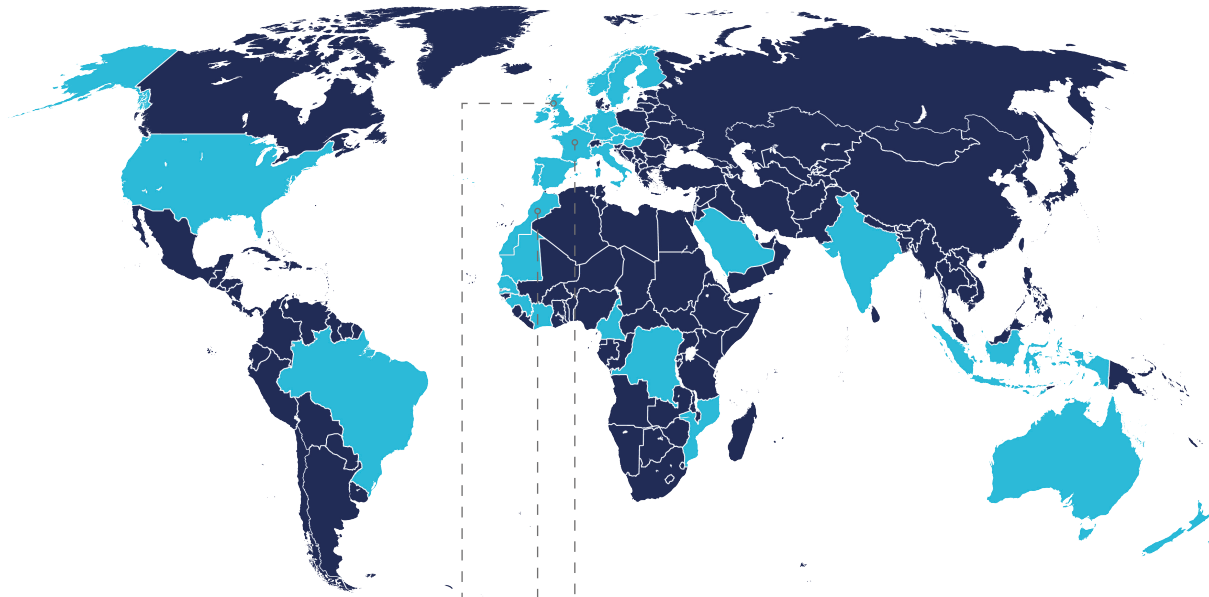


Worldwide Projects



**SCOTLAND**  
132 kV HV overhead and underground lines

- 18.5 km of new lines
- Connection of the Knocknagael substations with the new Tomatin substation
- 73 transmission towers  
160 km of conductors
- 132 kV underground lines

**MOROCCO**  
60 kV underground lines in Rabat

Laying four 60 kV underground lines from the 60/20 kV substation in Agdal to the CGI project in Guich Loudaya, spanning a total of approximately 8 km

**FRANCE**  
225kV HV transmission lines Calan - Mûr-de-Bretagne, Britany Safety Net

- 46 km of lines
- 225 kV underground lines
- 20 trenching operations and 4 directional drilling
- Installation in 22 months

World map by FreeVectorMaps.com

ABOUT OMEXOM

With today's global energy sector undergoing constant change, Omexom works with its clients in delivering on the promises of the energy transition.

Omexom solutions are aimed at those who produce, transform and transport electricity, right up to and including local authorities. Omexom thus helps energy producers, grid operators and territories fulfill their missions while navigating the changing landscape.

Omexom relies on its expertise in the field of power grids to anticipate the impact of renewable energies, develop storage solutions, make smarter infrastructures and meet new consumption trends.

As a system integrator, Omexom always selects only the best options suited for each need, remaining totally independent when it comes to integrating technological options.

Located in 32 countries on five continents, from rural to major urban areas, Omexom helps promote access to electricity, ensure security of supply and develop sustainable energy.

Omexom is a VINCI Energies brand.

- 32 Countries
- Over 18,000 Collaborators
- €3.2 Billion Turnover

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HV UNDERGROUND TRANSMISSION LINES

Credits: Omexom library, DR August 2018







Electricity supply security is a key concern for every country. The wide-scale integration of intermittent energy sources into the electrical grid is a major challenge for operators around the world, both in terms of adapting existing infrastructures, and of developing smart systems to balance supply and consumption across the Grid.

To meet these challenges, Omexom works with electricity transmission network operators and designs, builds and maintains high voltage lines throughout the world.

Omexom can manage and realize turnkey projects as an EPC Contractor regardless of manufacturers technologies. This position confers a wide broad of expertise in accordance with clients' requirements all over the world.

**More than 100 years of experience**

## EXPERTISE

### Engineering

- Surveying and routing
- Design and planning
  - Calculations: electrical and civil
  - Concurrent engineering with OEMs
- Pre-construction and installation design

### Erection

- Civil techniques directional and horizontal drilling
- Civil works
- Cable pulling and jointing
- Cable termination
- Dielectric tests

### Maintenance

- Measurement and assessment
- Asset inspection
- Emergency services

### Specific expertise

- OWTS (Oscillating Wave Test System):
  - partial discharge measurement
- Oil-filled cable repair service

### Turnkey projects

- Procurement
- Access organisation
- Trench implementation and opening
- Protection works
- Cable laying and pulling
- Testing and commissioning

*Omexom works in collaboration with major Original Equipment Manufacturers (OEMs).*

## HIGH VOLTAGE UNDERGROUND CABLES

Integrated solutions for HV transmission lines

