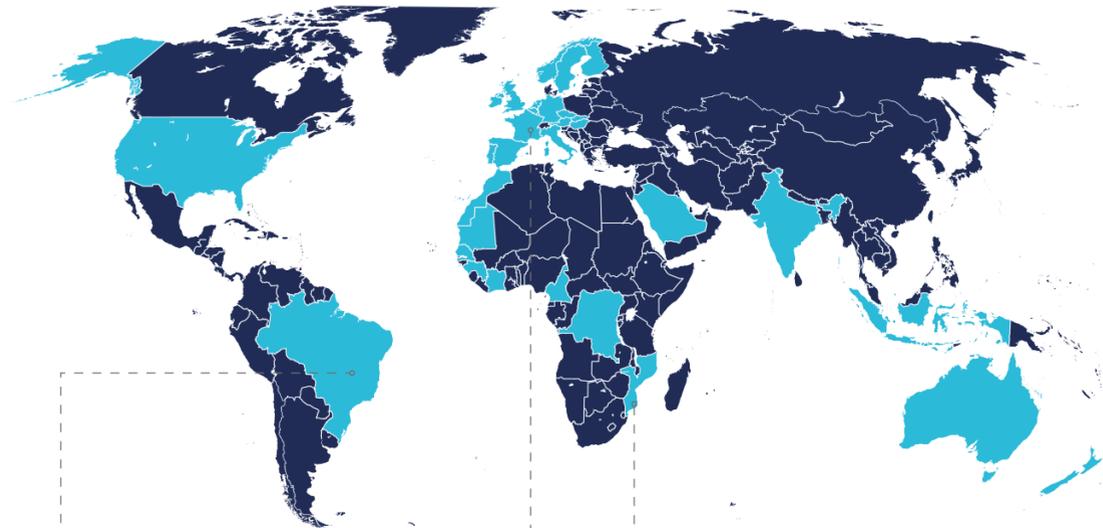


Worldwide Projects



La Bathie, France

- Reurbishment of 6 alternators
- Power capacity increase of units 3, 4 & 5 (from 88 MVA to 107 MVA)

Emborcação, Brazil

- Refurbishment of the 4 operating units of a 1.192 MV over plant

Mazuvi & Chicambra, Mozambique

- Refurbishment of 2 hydro power plants:
  - Mazuvi: 5 units — 49 MV
  - Chicamba: 2 units — 44 MV

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 People
- ▶ €3.2 Billion in Turnover

Follow us on



Global Contractor  
for Hydro Power Plants

omexom.com

RENEWABLE ENERGY

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April 2018





## EXPERTISE

### Engineering

- Balance of plant study
- Electrical HV substation and power evacuation study
- Electrical design
- Expertise instrumentation and testing of rotating machine
- Machine condition fast evaluation
- 3D laser modeling (mixed reality)
- Reduce facilities down time engineering solutions
- EPC contractor

### Operation & Maintenance

- O&M data analysis
- Slot wedge refurbishment and generator rewinding
- Rotor pole dismantling
- Cryogenic cleaning
- Asbestos decontamination
- Breakdown fast repair

### Refurbishment

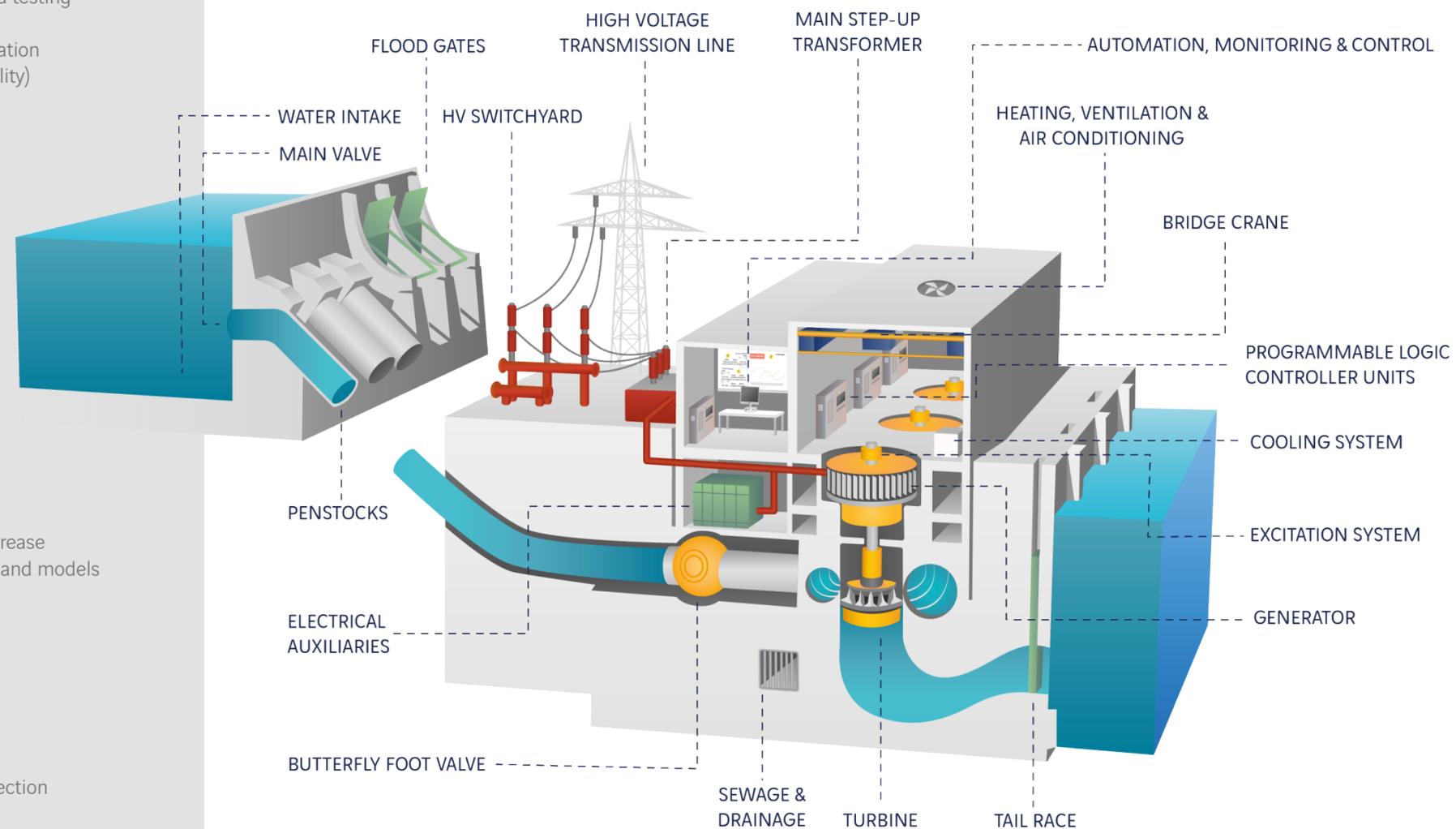
- Synchronous condenser
- Excitation system
- Generator power capacity increase
- Reconstruction for all brands and models

### Electro-mechanical work

- Electrical balance of plant
- HV expertise
- Bridge crane
- Substation
- Transmission & Distribution
- HV switchyard and grid connection
- Hydro mechanics
- Fire detection and extinction expertise
- Compressed air process

## HYDRO POWER

the leading renewable source for electricity generation



Hydro power supplies over 70% of the world renewable electricity and generates over 16% of the world's global electricity.

Positioned across the entire value chain of a hydro project, Omexom delivers a wide range of solutions for new power plant development and refurbishment projects. Omexom is a fully integrated EPC contractor including civic work with VINCI Group's sister entities.

Through its position as an independent systems integrator and its privileged partnership with major turbine manufacturers, Omexom integrates the most suited solutions regarding its client needs.

**90 years of experience**  
Worked on **300 hydro power plants**