OUR GROUP

35
OFFICES IN
FRANCE

50
OFFICES IN
40 COUNTRIES

CERTIFICATIONS*
ISO 9001-2008
ISO 14001
OHSAS 18001

QUALIFICATION
OPQIBI

Our BUSINESS LINES

Project management

Engineering

Consultancy, audits, training

EPC and turnkey, EPCM

ARTELIA

Coteba & Sogreah, same team, enhanced expertise

www.arteliagroup.com

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ENERGY

ARTELIA

ARTELIA, A SPECIALIST
IN RENEWABLE ENERGY AND ENERGY EFFICIENCY

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Artelia provides **solutions** *to energy issues at all scales from* **production** *- by promoting* **renewable energy** *- to* **controlled consumption** *via* **intelligent networks** *and* **sustainable** *planning.*

MASTER PLANS AND SECTOR STUDIES

- Demand forecasting
- Master plans for electrification and interconnected networks
- Audits, due diligence
- Economic and financial analyses
- Tariff and institutional studies
- Energy supply for urban and industrial projects

ENERGY EFFICIENCY AND PERFORMANCE

- Demand-side management (DSM)
- Energy audits for buildings and industrial processes
- Thermal and electrical modelling and simulation
- Energy operation and maintenance engineering
- Energy performance management and monitoring
- Renovation strategies
- Building certifications (green buildings, LEED, BREEAM, etc.)
- Eco-design for different climatic situations

HYDROPOWER

- Evaluation of water resources
- Inventories of hydropower sites
- Evaluation of production capacity
- Hydropower plants (low, medium and high heads)
- Pumped-storage schemes
- All types of dams
- Tunnels and underground structures

RENEWABLE ENERGY

- Photovoltaic solar (connected to the grid or stand-alone)
- Thermal and thermodynamic solar (CSP)
- Onshore and offshore wind farms
- Marine energy (tide, currents, waves)
- Biogas, biomass
- Geothermal energy
- Micro hydropower plants
- Multi-energy solutions

CLIENTS

. Public-sector Owners
. Private developers
. Turnkey and EPC contractors
. Industries
. Construction companies
. Operators

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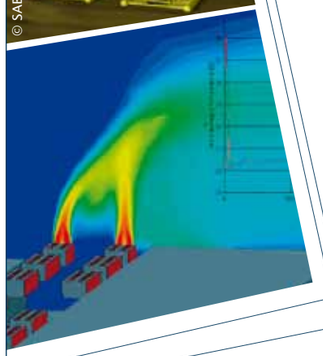

THERMAL AND NUCLEAR ENERGY

- Site studies
- Cooling systems (water intakes, pumping, sea and river outfalls)
- Industrial and logistics buildings
- Mechanical equipment
- Fuel supply infrastructure (ports, railways, etc.)
- Risk and environmental assessments
- Energy efficiency and optimisation

TRANSMISSION AND DISTRIBUTION NETWORKS AND SUBSTATIONS

- Line routing and layout studies
- Electrical studies for networks
- HV and MV transmission lines and substations
- Telecommunication media
- Distribution networks and substations
- Remote control and surveillance systems
- Smart grids
- Rural electrification

ENERGY AND CLIMATE STRATEGY

- Impacts of climate change and adaptation strategies
- Emission assessments and carbon strategies
- Deployment of renewable energy and energy efficiency solutions
- Sustainable construction and renovation strategies

ARTELIA, a signature for your projects