



GLOBAL ENGINEERING GROUP

ENERGY POWERFUL ENGINEERING

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ENERGY

STATE-OF-THE-ART DESIGN AND OPERATION CAPABILITIES SUPPORTING ENERGY TRANSITION

CORE COMPETENCIES

DESIGN

Product and infrastructure design, Wind turbine foundation, General installation, Instrumentation and Control, HV and LV electrical engineering, Process engineering, FEA Calculation, Metallic structures and frames, Rotating machinery, Civil engineering


WORKSITE ACTIVITIES

Maintenance and refurbishment, HSE, Supervision, Commissioning


CROSS-FUNCTIONAL EXPERTISE


Project management scheduling, Quality, Inspection and control, Methods and industrialisation, Document engineering solutions, Operation assistance, Environmental studies


THE SEGULA

 Centres of expertise on the entire energy mix (wind, solar, hydraulic, nuclear, conventional)

About 25 locations worldwide

 From design, project management to commissioning and support during operation

 Recognized quality: ISO9001:2015, CEFRI (work under ionizing radiation), MASE (safety at work), and customer dedicated qualifications

 Promising innovations: autonomous offshore wind turbine, compressed air energy storage at sea, data science...

KEY PROJECT REFERENCES

• Projects “Installed Base” and “EPR”

- Work preparation services, business management, joint teams and monitoring support
- General Installation and Civil Engineering Studies
- Technical and operational management of the “Calculation Supports” unit, EPR Taishan

• DUS project (Diesels Ultime Secours/ Emergency Diesel)

Expediting/Contractual and technical interface with equipment suppliers

• Supervision and Commissioning

- Multidisciplinary site coordination during the construction phase
- Supervision of installations commissioning

• Renewable energy

- Hydroelectric dam renovation (studies, work and site supervision)
- Environmental impact studies and writing of regulatory files

• Ultra-high power wind turbine (6,6MW)

Design of components, moulds, high-temperature resistance and wiring studies, assembly, installation and commissioning of turbines



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