INNOVATIVE SOLUTIONS FOR THE ENERGY AND ENVIRONMENT SECTORS, INDUSTRY AND TERRITORIES
Our skills

CONSULTING
- Innovation consulting
- Engineering studies and expertise
- Proof of concept development for innovative technologies
- Scale-up and industrialization of innovative processes

ENGINEERING & EXPERTISE

TECHNOLOGY DEVELOPMENT
- Regulatory studies in accordance with environmental code (operation licensing, hazard studies...)
- Decision-support studies in relation with safety and environment
- Reliability and QA reports for nuclear related defense facilities
- Reliability and maintainability of major scientific projects

RISK MANAGEMENT
- Evaluate technological innovations and help them reach industrial maturity
- Ensuring safe operation of systems and safety of industrial sites

ON-SITE IMPLEMENTATION

Our offers

ENGINEERING, CONSULTING & INNOVATION
- Innovation consulting
- Engineering studies and expertise
- Proof of concept development for innovative technologies
- Scale-up and industrialization of innovative processes

INDUSTRIAL RISK MANAGEMENT & RELIABILITY AND MAINTAINABILITY

ENERGY-POSITIVE ISLANDS AND TERRITORIES
- Modelisation and design of hybrid power plants and microgrids using renewable and local energy sources
- Integration of storage and mobility solutions
- Feasibility studies and on-site implementation

POSITIVE ENERGY | ZERO EMISSIONS

ENERGY-POSITIVE ISLANDS AND TERRITORIES
- Modelisation and design of hybrid power plants and microgrids using renewable and local energy sources
- Integration of storage and mobility solutions
- Feasibility studies and on-site implementation

INDUSTRIAL ENERGY EFFICIENCY
- Energy audits of industrial processes
- Implementation of energy-efficient solutions
- Monitoring and optimisation of processes
- Integration of renewable energies
- Financing, EPC

SMART ENERGY
- Advanced Energy Management System (Enerbird®)
- Operation monitoring and performance guarantee

Design and build autonomous and smart energy systems

Implement energy transition in energy-intensive industries
Our references
Examples selected from over 300 projects a year

SERVICES

ENGINEERING, CONSULTING & INNOVATION

- Feasibility study for a concentrated solar power plant with energy storage, for an industrial application in the Middle-East
- Design and construction of a testing facility to study and prevent fouling in steam generators of nuclear power plants

INDUSTRIAL RISK MANAGEMENT & RELIABILITY AND MAINTAINABILITY

- Process hazard analysis of industrial sites (in France and abroad)
- Application for permit to operate a new rolling mill
- Risk analysis for wastewater treatment plants
- RAMS studies and Logistic Support Analysis for two types of optic analyzers installed in the Laser Megajoule research facility

60+ years of expertise in the energy, industry and environment sectors.
INDUSTRIAL ENERGY EFFICIENCY

- Energy audits for optimization of energy consumption
- Development of heat storage solutions

ENERGY-POSITIVE ISLANDS AND TERRITORIES

- EMS (Energy Management System) supply for solar plants with energy storage
- Sizing of the equipment for hybrid power plants and microgrids, techno-economic optimization, definition of optimal control rules
- Design of a multi-energy production system (solar PV, batteries, biomass) to make a campus self-sufficient in energy
- Design of hybrid projects with solar energy and diesel generators in Africa

100 engineers, experts, technicians and developers supporting innovative technologies.

Our values: Innovate and Act
Our team

Frédéric Naudi
Business development & Sales

Joelle Daguerressar
Executive assistant / HSE officer

Marc Lotteau
Smart Energy

Pauline Plisson
Engineering, Consulting & Innovation / Decentralized Energy

Alexandre Deydier
Industrial Energy Performance

Chrystelle Gruet
Industrial Risk Management

Alain Albert
Operations Manager / Quality officer

Germain Gouranton
Director of Bertin Energy & Environment (Reliability & Maintainability)

Our commitment: to support Industries and Territories towards technological excellence, environmental exemplarity and energy independence, implementing reliable and efficient solutions.
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Bertin and CNIM Group carry out projects in almost 100 countries

THEY TRUST US

AIR LIQUIDE  ALBIOMA  ARKEMA  BOSTIK  CEA  CGG  COMAT  CNES
CNIM  DRT  EDF  ENGIE  ESID  FIVES  MICHELIN  SAUR  SCHNEIDER ELECTRIC
SUEZ  TEREOS  TOTAL  VEOLIA  VINCI

as well as numerous SMEs...

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CERTIFICATIONS

ISO 9001 (Quality)
ISO 14001 (Environment)
OHSAS 18001 (Safety)
OPQIBI (1717)
MASE (Health/Safety/Environment)