



BERTIN ENERGY & ENVIRONMENT



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

Our skills

CONSULTING



ENGINEERING & EXPERTISE



TECHNOLOGY DEVELOPMENT



RISK MANAGEMENT



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



Evaluate technological innovations and help them reach industrial maturity

INDUSTRIAL RISK MANAGEMENT & RELIABILITY AND MAINTAINABILITY

- 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



Ensuring safe operation of systems and safety of industrial sites

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.

Our references

Examples selected from over 300 projects a year

SOLUTIONS

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.

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...

Bertin and CNIM Group carry out projects in almost 100 countries

OFFICES



Espace Technologique Jean-Bertin
19, rue Hélène Boucher
40220 Tarnos, France



Parc des Algorithmes
25, Route de l'Orme
91190 St-Aubin, France



259, avenue Jean Jaurès
69007 Lyon, France



8, Zone Portuaire de Brégaillon
83500 La Seyne-sur-Mer, France

CONTACT



+33 (0)5 59 64 86 48



bee@bertin.fr



www.bertin.fr

CERTIFICATIONS



ISO 9001
(Quality)



ISO 14001
(Environment)



OHSAS 18001
(Safety)



OPQIBI
(1717)



MASE
(Health/Safety/
Environment)

CNIM

HEADQUARTERS

35, rue de Bassano
75008 Paris (France)
Tel: +33 (0)1 44 31 11 00
www.cnim.com

bertin
TECHNOLOGIES

A CNIM Group subsidiary

10 bis, Avenue Ampère
78180 Montigny-le-Bretonneux (France)
Tel: +33 (0)1 39 30 60 00
www.bertin.fr