

Energy solutions for public authorities and industrial clients



CONSULTING ENGINEERS

Seureca Consulting Engineers

We provide expertise for utilities, industrial, and tertiary customers for efficient management of water, waste, and energy services.

Seureca is part of the Veolia Group, a global leader in resource management, with nearly 170,000 employees and 160 years of experience.

GUARANTEED ACCESS TO RELIABLE, SUSTAINABLE, AND MODERN ENERGY SERVICE AT A REASONABLE COST

These are the UN's energy objectives for 2030. However, they are far from becoming a reality: today one person out of five has no access to modern electricity, and three billion persons still depend on wood, coal, or animal waste to cook and heat.

Seureca's mission is to ensure sustainable performance through the use of clean energy, in a world where energy is the main contributing factor to climatic change. For the moment, energy emissions account for nearly 60% of greenhouse gas emissions.



Energy demand

- > Consumption analysis and urban development plan
- > Socio-economic survey
- > Energy consumption mapping

QHSE process

- > Quantification of greenhouse gas emissions and identification of contaminants
- > Procedures for ISO 14001, 18001, 50001
- > Assistance for high performance environmental accreditation
- > Installation compliance
- > Carbon footprint reduction

Production

- > Performance analysis
- > Cogeneration assessment
- > Maintenance plan
- > Renewable energies: biomass, hydraulic, wind, solar
- > By-product and geothermic energy recuperation

Business management

- > Audit of the computerized systems
- > Assistance in quality for client relations
- > Audit of tallying and business losses
- > Communication plan

Network assessment

- > Cartography (GIS)
- > Measurement campaign
- > Diagnosis for technical losses
- > Modeling study
- > Protection plan

Human resources

- > Skills management
- > Training programs
- > Change management

Energy efficiency

- > Energy audit
- > Audit of public facilities
- > Strategy and planning
- > Long-term strategy for industries
- > Regulatory study
- > Development
- > ESCO classification

Finance

- > Financial modeling
- > Economic analysis
- > Tariff study
- > Consulting in transactions
- > System analysis of computer-based management (ERP)

Building industry

- > Air quality management
- > Interior network balancing
- > Technical audit of heating and cooling networks

Investment management

- > Master plan
- > Environmental and social impact study
- > Management assistance and consulting
- > Implementation of financial accords





Joint ventures with the private sector for better performance

In collaboration with our customers in the private industry sector and tertiary services -hospitals, schools, offices, building owners and managers- Seureca develops a broad range of expertises to accompany their sustainable growth. At the crossroads of strategic stakes, industries must meet a combination of environmental, regulatory, social, economic, and operational challenges. They now search for a truly creative partner, able to innovate in answer to their pressing performance needs. Over the past years, Seureca has assisted major corporations in territories as diverse as India, South Korea, France, and the Ivory Coast.



Answers to the new challenges encountered by public authorities

Seureca offers innovative solutions in the conception of energy efficiency services to the public sector: fund donors, public utilities, governmental and local authorities. By renovating business models, Seureca aids communities in answer to the new and numerous challenges with which they are faced. For example, we have accompanied Guinea to improve their electricity service, and in Ulaanbaatar, Mongolia we contributed to the reorganization of urban heating, thus helping millions of inhabitants to have a constant level of quality service.

