

# Environmental solutions for public services and industries



# SEURECA IS THE CONSULTING ENGINEER GROUP OF VEOLIA

We provide expert solutions for utilities, industries, and service companies to efficiently manage their water, waste, and energy services. We contribute directly to the sustainability performance of customers in the public and private sectors, allowing them to pursue their development while protecting the environment.

Seureca's support to clients is always tailored to their specific needs and local context. We assist utilities and industries throughout the whole project lifecycle,

from pre-studies to implementation, including work supervision, operational support, and knowledge transfer schemes. Throughout this integrated approach, we help our clients meet their objectives and enhance their technical, financial, and social performance, with due regard to the users' well-being.

Seureca is part of the Veolia Group, global leader in resource management, with nearly 180,000 employees and a 160-year experience in water, waste, and energy services.

## Our services



### Water

Water and wastewater network  
Water and wastewater treatment plants  
Industrial process water and wastewater  
Domestic networks



### Waste

Waste collection and treatment  
Waste reuse and recycling  
Waste to energy



### Energy

Electricity production and distribution  
Heating and cooling networks  
Renewable energy and energy efficiency  
Air quality

### Studies and Project Management

Master plans and feasibility studies,  
Demand and resources assessment,  
Socio-economic studies,  
Technical audits,  
Network modeling,  
Investment definition and planning,  
Environmental studies,  
Odor management,  
Regulatory studies,  
Indoor air quality audits.

### Design and Works Supervision

Preliminary designs,  
Detailed designs,  
Tender documentation,  
Tender management,  
Works supervision,  
Assistance to commissioning.

### Technical and Operational Assistance

Organizational audits,  
Metering and additional revenue,  
Asset management,  
O&M optimization,  
Non-revenue water reduction,  
Energy optimization,  
Emergency response planning,  
Information systems,  
Customer management,  
Tariff studies and business plans,  
Institutional and regulatory studies,  
Training and knowledge transfer.





## Notable references

### Indonesia

Feasibility study of an urban wastewater management system involving collective and individual sanitation systems for the city of Bogor.

**Expertise:** wastewater collection and treatment, and sludge management.

### Saudi Arabia

Waste management master plan for Aramco.

**Expertise:** detailed diagnosis, multicriteria analysis of potential scenarios, preliminary draft, business plan and short, medium, and long-term action plan.

### Uruguay

Water management plan, master plan, preliminary draft, sanitation, rainfall drainage, roads and public spaces in the city of Ciudad del Plata.

**Expertise:** drinking water systems, sanitation, drainage, wastewater treatment plants, and urban planning.

### Ukraine

Feasibility study for optimizing the heating networks in districts of the city of Kiev.

**Expertise:** GIS, thermo-hydraulic modeling, techno-economic study, analysis of the biomass sector, and the dimensioning of biomass boilers.

### France

Drinking water supply master plan for the *Syndicat des Eaux de la Vraie et du Xantois* (30 municipalities).

**Expertise:** hydraulic modeling, needs – resources assessment, scenarios and work programs development, and asset management.

### Cape Verde

Technical assistance for the creation and launching of an inter-municipal company for drinking water and the collection and treatment of wastewater.

**Expertise:** drinking water, wastewater, business management, human resources, corporate development, business plan, and communication.

### Georgia

Technical assistance for the implementation of a regional waste management project.

**Expertise:** calculation of the induced tariff, pricing policy, communication campaign, options for improvement and follow-up of development.

### France

Safeguarding the hydraulic and aeraulic networks for the hospital in Nouméa before the first patients' arrival.

**Expertise:** technical compliance of networks, analytical monitoring strategy for water and air quality, and maintenance protocols.

### Guinea-Conakry

Management contract for the national electricity company.

**Expertise:** GIS, modeling and operational improvement of the electricity network, prepaid meter deployment strategy, and investment program management.

### United Kingdom

Assistance for implementing thermophilic anaerobic digestion of solid waste for Pepsico International.

**Expertise:** audit, characterization of biomass, development of mass scales, and applied methods of operation.

### Zambia

Technical assistance for water loss reduction in the city of Lusaka.

**Expertise:** sectorization, definition and follow-up of network renovation, leakage control, update of the subscriber database, tallies and business loss reduction, and training.

### India

Opportunities for energy conservation and energy assessment of pumping stations for the Surate municipality.

**Expertise:** audit, pumping efficiency evaluation, study of losses, efficiency optimization, energy-saving opportunities, and mitigation measures.

# A WORLDWIDE EXPERTISE

Seureca's activities provide support through a network of international permanent offices and its reliable taskforce of engineers, available for short-to long-term projects around the globe. In addition, our clients can draw upon on the Veolia Group expertise and its broad network of international operational experts.



● Permanent offices

● Active in  
● **more than  
60 countries**

References in  
**more than  
100 countries**

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