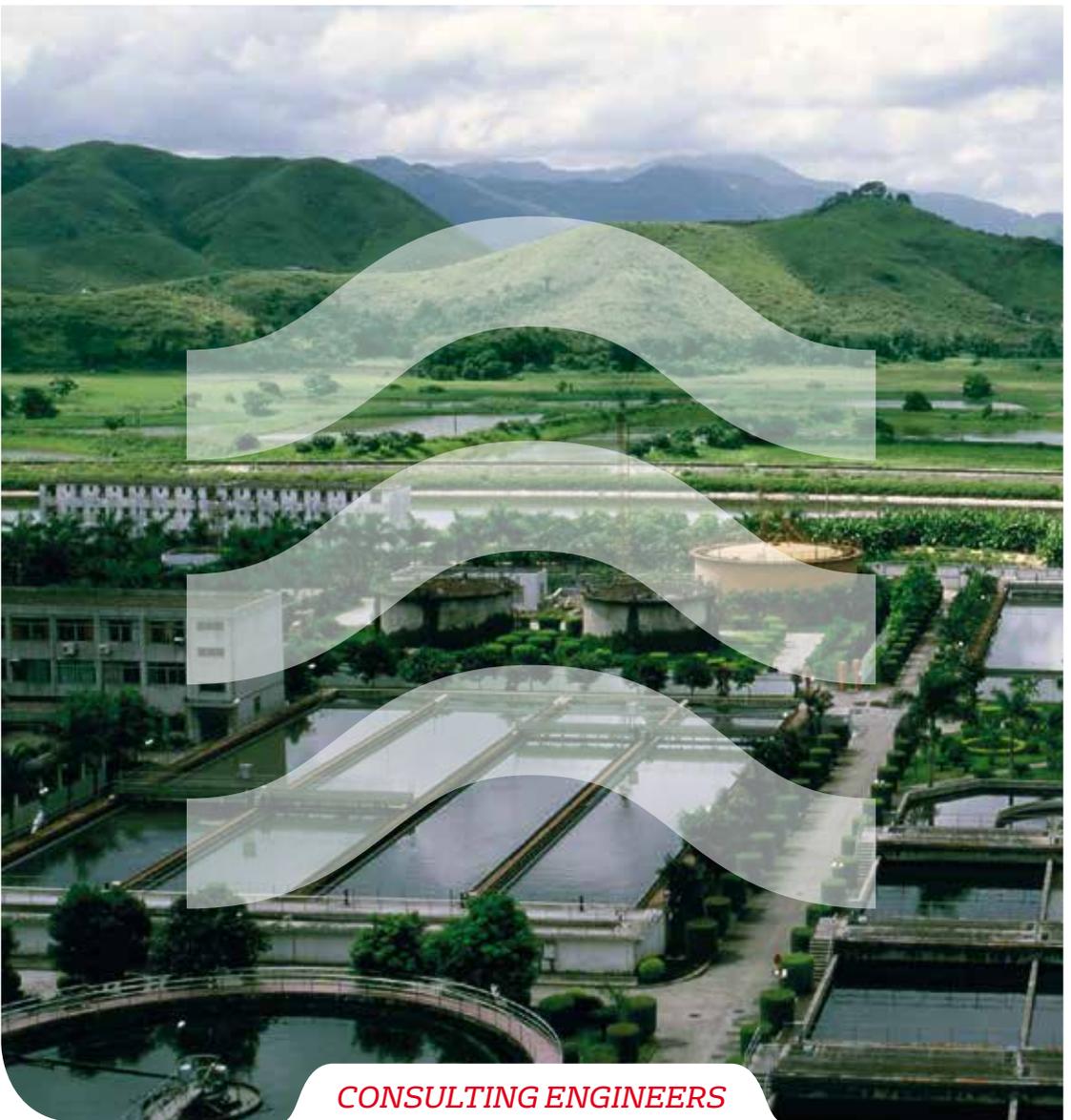


# Water solutions for public authorities and industrial clients



*CONSULTING ENGINEERS*

# Seureca Consulting Engineers

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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.



## **INCREASE OUR STAKEHOLDERS' AWARENESS IN WATER MANAGEMENT**

We heighten awareness of the need to preserve water resources through a host of communication media: video clips, Facebook pages, local press, the creation of tee-shirts and posters.

The objective of these campaigns is to promote the implementation of our projects by providing users, schools, and local authorities with detailed information concerning water, health, and environment-related issues.

# Water cycle management from A to Z

Water is a vital natural resource for life, an integral part in the development of our territories, a source of energy production and storage, but it can also be a potential risk to populations.

Our experts are involved at each and every stage of the water cycle, to improve our customers' long-term performance while respecting the environment.



## Environmental and social impact

- > Carbon emissions
- > Norms and standards



## Socio-economy Water demand

- > Demand evaluation
- > Affordability
- > Tariff policy



## Sludge management and recovery plan

- > Energy recovery
- > Landspreading



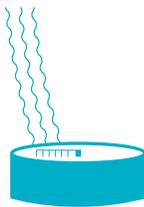
## Water resources evaluation

- > Hydrology
- > Hydrogeology



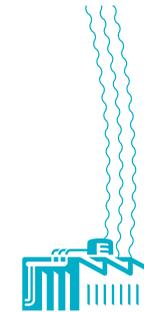
## Odour control

- > At treatment plants
- > In networks



## Wastewater treatment

- > Effluent characterization
- > Technology selection
- > Design
- > Audit
- > Wastewater re-use



## Drinking water treatment

- > Technology selection
- > Design
- > Audit
- > Desalination



## Sewerage networks

- > Flow evaluation
- > Measurement campaign
- > Catchment basin modelling
- > Network modelling
- > Design
- > Discharge evaluation



## Internal and external drinking water networks

- > Network modelling
- > Design
- > Reduce non-revenue water
- > Measurement campaign
- > Metering and remote reading
- > Water quality

# We assist our customers **in their optimization strategies**

We provide support to clients in financial and operational optimization of their activities.

## **Investment assistance**

- > Audit
- > Master plans, OPEX-CAPEX modelling, tariff studies
- > Feasibility studies
- > Conceptual and detailed designs
- > Project management services
- > Supervision of works

## **Operational assistance**

- > Strategy and organization
- > Cost optimization
- > Performance monitoring
- > Deployment of tools and methods:
  - Asset management and CMMS
  - GIS and network asset management
  - SCADA and smart networks
- > Customer service management
- > Risk studies (HAZOP)
- > Change management
- > Training



# Resourcing the world

[contact@seureca.com](mailto:contact@seureca.com)

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