

Essentials

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For
160 years

water, sanitation, waste collection and recovery
activities and services have been essentials.

ESSENTIALS

SUEZ, global leader in essential environmental services

Key figures*



continents

86,000

employees

17,2

billion € revenue



2.1 bn m³
alternative water
produced



4.2 Mt
of secondary raw materials
produced



8.7 TWh
renewable energy
produced



7.1 bn m³
drinking water
produced



10.22 MtCO₂
avoided



64 M
inhabitants who benefit
from sanitation services

**A performance at the service of all,
to preserve the essential elements
of our environment**

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**SUEZ designs concrete
and resilient solutions
with a positive impact
on water, soil, and air**

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SUEZ

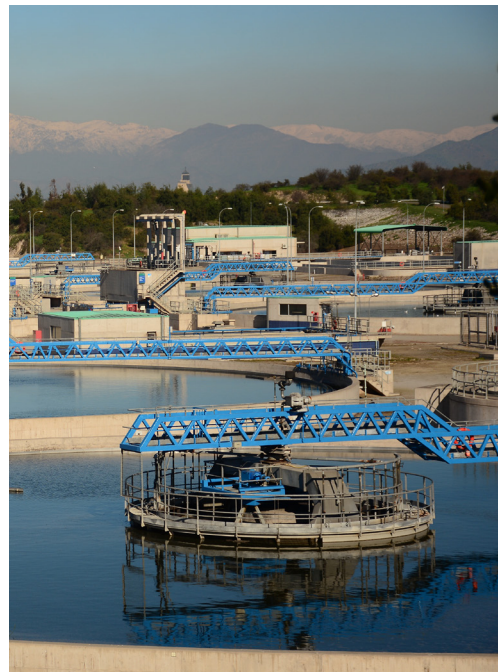
WATER



The Biofactory

La Farfana in Chile is one of the world's largest wastewater treatment plants.

It treats the wastewater produced by seven million inhabitants of Greater Santiago, preserves the aquatic environment, and restores quality of life (0 waste, 0 environmental impact, 0 fossil energy).



AIR



Carbon sinks

SUEZ innovates to purify the air while producing green energy. SUEZ technology improves air quality thanks to the power of microalgae that capture fine particles, nitrogen dioxide, and excess CO₂ to convert them into green energy. In the city, this technology absorbs the equivalent of the pollution emitted by 150 vehicles and thus creates a “clean air bubble”. This device has been customized for installation in a schoolyard in Poissy, near Paris.



SOIL



The Smart Agriculture

SUEZ created CircularChain, a circular economy blockchain to support the agricultural transition. Based on a secure technology for storing and transmitting information, CircularChain records all sludge transactions from wastewater treatment plants, from their production until they return to the soil. The technology thus guarantees total transparency in the agriculture sector.



SUEZ implements innovative solutions with its technologies and partnership culture

DIJON AND ANGERS (FRANCE)

A connected management between public spaces and essential services with citizens.

SUEZ is developing digital platforms to accelerate the ecological transition of territories, optimize the organization of public services and ensure more efficient management of resources, as in the case of the Smart City of Dijon and Angers.



MEKNES (MOROCCO)

A new development model with a retraining programme for sorters.

SUEZ rehabilitated the household waste storage site in Meknes and created an elimination and recovery centre.

SUEZ helped the 150 informal waste collectors to set up a cooperative for sorters in order to sustain their activity and provide an income in the long term, while also improving their working and safety conditions.





**research centres
worldwide**

DAKAR (SENEGAL)

Excellence for Senegal, a reference for Africa. This 15-year lease contract guarantees the supply of drinking water to a population of approximately seven million inhabitants in urban and peri-urban areas throughout the country. Through SEN'EAU, SUEZ provides access to high-quality water for everyone, excellence in service and sustainable results. Emphasis has been placed on innovation, with the opening of a Research and Innovation Centre in Dakar in partnership with Senegalese universities.



**Over
30**
partnerships
with European R&I
projects

€120 million
invested in R&D
in 2019

650
experts and researchers
in the fields of water, waste,
air and digital technology

SUEZ develops and deploys its solutions on a global scale

At the service of cities and territories



SAINT-ETIENNE (FRANCE)

Improving services for residents with a digital platform built in collaboration with the community and awarded as the "Industrial Demonstrator for Sustainable Cities" by the French state.



CALIFORNIA (UNITED STATES)

The West Basin wastewater recycling plant (the largest in the country), located near Los Angeles and operated by SUEZ since 1994, contributes to preserving water resources in a region that is regularly exposed to droughts, where 70% of the water consumed is imported. In total, this model plant saves 17 million m³ of water per year and serves nearly one million users.



MARSEILLE (FRANCE)

Reinventing the urban cleaning service with digital technology, based both on citizens' perceptions and on the use of innovative resources.



CHANGSHU (CHINA)

Combining growth and development of a sustainable urban environment with 4 wastewater treatment plants. The objective: to ensure the distribution of drinking water and the treatment of municipal and industrial wastewater for more than 2 million people.

MELBOURNE (AUSTRALIE)

Garantir un approvisionnement en eau sûr et fiable grâce à une usine de dessalement d'une capacité de production de 440 000 m³ d'eau potable par jour.



COIMBATORE & DAVANAGARE (INDIA)

Guaranteeing 24/7 access to drinking water for the two main centers of the textile industry in southern India.



AL KARAANA (QATAR)

Rehabilitating 400 hectares of lagoons and land polluted by urban and industrial effluents with a thermal desorption unit, a technology that, due to high temperatures, does not cause odors or waste.



MELBOURNE (AUSTRALIA)

Ensuring a safe and reliable water supply through a desalination plant with a production capacity of 44,500 m³ of drinking water per day.

At the service of industry

SUEZ



CODELCO (CHILE)

Contributing to the regeneration of the local ecosystem by supporting the PAMO mine plant to achieve 100% water reuse in its production process.

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Gold Energy Efficiency Seal Award
2.5 m³/s of reused water from the El Teniente Caren tailing pond



KLABIN (BRAZIL)

Implementation of best practices and sustainable technologies for water treatment at the world's most modern pulp and packaging plant. Guarantee and improve the performance of water equipment through the Insight digital platform.

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The total paper production capacity of the new machines will reach 920,000 tons per year



BOUYGUES CONSTRUCTION (FRANCE)

Building and operating an autonomous facility that preserves the environment and improves the well-being of its inhabitants by reducing water and energy consumption as well as reducing waste production.

- 70% autonomy in water and energy



ENI (EUROPE)

Optimization of the recycling and recovery of hazardous waste through a global partnership with ENI and the supply of a wide range of solutions, particularly for high value-added waste.


- 30,000 tons of hazardous waste treated in 3 years



DANONE (MOROCCO)

Support of Centrale Danone – 4 production plants & 12 logistics platforms - in the implementation of innovative solutions allowing the recovery of all the waste produced and the achievement of their “zero waste to landfill” goal.

- Integrated full waste recovery plan
Zero waste to landfill



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