

Essentials

—



Our purpose, the reflection of our vocation

SUEZ draws on the expertise it has been developing since the late 19th century to help people constantly improve their quality of life by protecting their health and supporting economic growth.

We work to provide access to essential environmental services for everyone. We supply high-quality water, suited to every type of use, and ensure the protection of this common good. We recover wastewater and waste to convert them into new resources.

Faced with demographic growth, climate change, and social and geographical inequalities, people are increasingly exposed to the consequences of the environmental emergency that is affecting our planet.

Every single day, SUEZ commits to preserving the fundamental elements of our environment – water, soil, and air – that ensure our future. At SUEZ, we invest in preserving and restoring natural capital, and in the future of biodiversity, both on land and at sea.

As a committed partner to local communities, industry players, and citizens, SUEZ mobilizes stakeholders to succeed in the environmental transition, developing circular business models and innovating to plan for tomorrow's challenges.

Proud of their work and strengthened by their values, SUEZ's teams based in regions throughout the world are shaping a sustainable environment, now.



Bertrand Camus
CEO of SUEZ

At the heart of our Strategic Plan SUEZ 2030, our purpose is an indicator of the Group's ambition and a compass for the future. It reflects our vocation: shaping a sustainable environment, now.

SUEZ, global leader in essential environmental services

Key figures*



5
-
continents

90,000

-
employees

18

-
billion € revenue



2.1 bn m³

alternative water
produced



8.7 TWh

renewable energy
produced



10.22 MtCO₂

avoided



4.2 Mt

of secondary raw materials
produced



7.1 bn m³

drinking water
produced



64 M

inhabitants who benefit
from sanitation services

A corporate performance that benefits everyone, to preserve the essential elements of our environment

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

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.



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).



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



research centres
worldwide

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.



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.



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.



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.



ALGIERS (ALGERIA)
Optimizing the performance of water and sanitation networks in Greater Algiers by deploying the Aquadvanced™ solutions to ensure a more efficient management of drinking water networks, as well as the establishment of the National School of Water and Sanitation Management and the development of qualified training program plans.



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.



COIMBATORE & DAVANAGARE (INDIA)
Guaranteeing 24/7 access to drinking water for the two main centers of the textile industry in southern India.

At the service of industry



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.

- 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.

- 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

For

160 years

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

SUEZ strengthens its ambition to contribute to the fight against climate change as part of its strategic plan, particularly through 3 commitments for 2030, which are aligned with the 1.5°C trajectory recommended by the International Panel on Climate Change (IPCC).

Commitment #1

Reduce direct and indirect greenhouse gas emissions from our operations by 45% by 2030*

-45%

Commitment #2

Avoid 20 million tons of CO₂ emissions per year by 2030 for our customers




Commitment #3

Providing our customers with 100% sustainable solutions



* reference year: 2014.





Tour CB21
16, place de l'Iris
92040 Paris La Défense Cedex
France
www.suez.com

