

SUEZ IN ASIA SUSTAINABLE DEVELOPMENT AMBITIONS AND COMMITMENTS 2023–2027





SUEZ's Sustainable Development strategic alignment ensures our global ambitions are effectively localized, enhancing our competitiveness and differentiating us in the market.



In January 2023, we announced the launch of SUEZ's Sustainable Development Ambitions and Commitments for 2023-2027, known as "the Roadmap". This framework encompasses 24 strategic commitments organized around three core pillars: climate, nature, and social responsibility. Our water and waste management segments, crucial for community sustenance, adopt a holistic approach to address the sustainability challenges integral to our operations.

This year has highlighted urgent environmental challenges worldwide, with 2023 marking the hottest year on record. At the international level, the COP 28 agreements emphasized the phase-out of fossil fuels, affirming the critical role of

renewable energy towards achieving a net-zero future by 2050. In Europe, our facilities have achieved electricity self-sufficiency, primarily through energy generated from waste and wastewater, significantly contributing to the low-carbon transition.

Regionally, in Asia, the focus on sustainability is intensifying. In China, the "Dual-Carbon" goals are reshaping all sectors, while the Kunming-Montreal Global Biodiversity Framework has galvanized efforts towards biodiversity preservation. Southeast Asia faces pressing demands for essential infrastructure, highlighting significant social challenges.

A portrait of Francois Fevrier, a middle-aged man with grey hair and glasses, wearing a dark suit and a light blue shirt. He is smiling slightly and looking towards the camera. The background is a solid blue-grey color.

Francois Fevrier

CEO of Water and R&R in Asia, SUEZ

To navigate these complexities, we have introduced local strategies and roadmaps tailored to regional needs. The "Asia Roadmap" includes 9 priorities and 35 KPIs, giving clear direction on climate, nature, and social goals. This strategic alignment ensures our global ambitions are effectively localized, enhancing our competitiveness and differentiating us in the market.

Moreover, the introduction of the CSRD in Europe marks a shift towards stringent corporate environmental accountability, mandating comprehensive assessments of biodiversity and resource conservation. This regulatory evolution is integrated into our daily operations, steering our business strategy and reinforcing our commitment to sustainability.

Collaboration with clients, partners, and stakeholders is essential. Through joint initiatives and open dialogue, we align our sustainability efforts with their expectations, fostering robust partnerships that amplify our collective impact.

I encourage every SUEZ employee in the region, especially our managers, to embrace and promote sustainable practices, helping to cultivate a culture of sustainability within our organization. Together, let's continue to push for ecological transition and safeguard our resources for a shared future.



Joey Chio

Chief Communications &
Sustainability Officer in Asia, SUEZ

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Preserving our essentials is an investment in the future. This is the profound meaning of what we do at SUEZ, in the water and waste management businesses. By taking decisive actions across the value chain, we will tackle climate change, protect natural ecosystems, and create sustainable social value for the communities where we operate.

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SUEZ Group Sustainable Development Roadmap 2023–2027

CLIMATE

- Contributing to energy decarbonization
- Decarbonizing our value chain
- Adapting all priority and vulnerable sites to climate change



NATURE

- Preserving resources
- Growing our nature regeneration capacities
- Addressing pressure on biodiversity



SOCIAL

- Ensuring respect for universal rights
- Growing skills and fostering employee engagement
- Contributing to the sustainable development of communities wherever we operate



Asia priorities to address local needs and green transformation



- Shift our electricity consumption to more sustainable sources
- Explore and develop energy from waste and wastewater projects
- Reduce GHG emission reduction with focus on efficiency improvement



- Implement action plan at 100% biodiversity priority sites
- Develop recycling and recovery capacity, and improve sorting efficiency
- Contribute to water saving through NRW control, wastewater reuse and explore alternative sources



- Ensure Health & Safety and continue reducing Frequency Rate and Severity Rate
- Foster inclusion and diversity culture, increase women in management positions
- Develop responsible and green supply chain



CLIMATE

The Climate pillar of the Roadmap was developed through a global approach, based on 3 levers: reducing the greenhouse gas emissions, strengthening the commitment to produce green energy from our activities and increasing the share of renewable energy in our consumption.

We commit to contributing to the regional low-carbon and resilience transformation, and we do what it takes to achieve it.

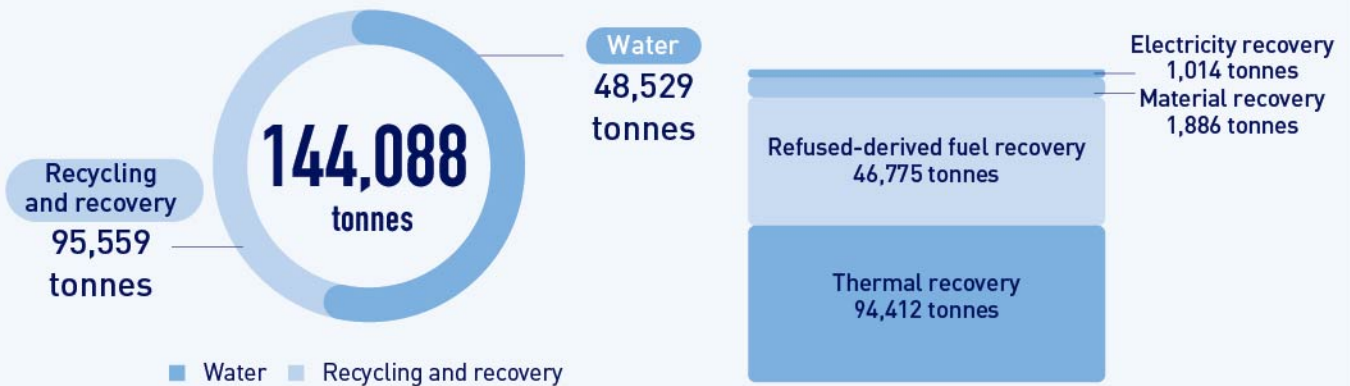


PERFORMANCE IN 2024

GHG emission Scope 1+2 (Market based)



Avoided emission



Renewable energy
generation

482 GWh



Sustainable electricity
consumption

60.9 GWh

CLIMATE ACTIONS TAKEN



In Qingdao, we are accelerating the pace of transforming to green electricity

Transforming our electricity consumption to more sustainable sources will be of great importance to achieve SUEZ climate ambition in Asia. To enable green development and build a new high point for clean energy development, a 3.7 MW photovoltaic power generation project at the Qingdao Sino-French Hairun water treatment plant is put into operation.

4,500,000
kWh/year
sustainable electricity produced

2,506
tonnes/year
CO₂ reduced from sustainable electricity

We are building a world-class sludge incineration facility in Dongguan

The facility will transform significant volumes of municipal sludge into an estimated 96 million kWh of local sustainable electricity annually at full capacity—sufficient to power 400,000 households for a month. The project will meet Dongguan's comprehensive waste management needs, while promoting sustainable energy solutions and advancing China's carbon neutrality goals.

96,000
mWh/year
sustainable electricity produced

55,000
tonnes/year
of CO₂ emissions reduced





We design an “Embedded WWTP” and create circularity for petrochemical industry in Dalian

The concept of Embedded WWTP reshapes the traditional WWTP to Environmental Friendly Resource Integration Unit. Relying on our strong expertise in environmental area and our understanding to client’s petrochemical production, we use the waste generated from upstream refinery to treat wastewater downstream. It significantly reduces the chemical consumption, saves energy and avoids GHG emission.

7,000
mWh/year
energy saved

11,000
tonnes/year
chemical consumption
reduced

20,000
tonnes/year
GHG avoided

In Shanghai Chemical Industry Park (SCIP), we generate more sustainable steam while removing pollution

SUEZ operates two hazardous waste treatment plants in SCIP, one of the world-leading petrochemical industrial parks. In the facilities, we help our clients treat hazardous waste at highest standard. Steam produced is fed back to the industry which contributes to the local energy transformation. The project is also awarded as national showcase of synergy between carbon reduction and pollution mitigation.

186,000
tonnes/year
hazardous
waste treated safely

65,000
tonnes/year
of standard coal saved due to
steam generated

170,000
tonnes/year
CO₂ avoided for our customer thanks to energy supply



CLIMATE OUR TARGETS

» Contributing to energy decarbonization

Commitment	Indicator	Group Target	Asia Target	Timing
Make our own energy consumption more sustainable	Share of sustainable electricity consumption over total electricity consumption (%)	Group 70% Europe 100%	20%	2030
Maintain European electricity self sufficiency	Share of electricity production (from waste or renewables) (MWH) over electricity consumption in Europe	>1	N.A. ⁽¹⁾	2027
Contribute to the low-carbon energy transition of territories	Share of GHG avoided from energy production over GHG emitted by energy consumption	>1	40%	2027

(1) Not applicable in Asia



» Decarbonizing our value chain

Commitment	Indicator	Group Target	Asia Target	Timing
Reduce GHG Scope 1 & 2 (market-based) emissions	GHG from Water activities : Scope 1 + Scope 2 – ktons of CO ₂ eq.	-39%	-30%	2030
	GHG from Waste (excl. Energy from Waste): GHG Scope 1 + Scope 2 – ktons of CO ₂ eq.	-26%	-15%	2030
	GHG from Energy from Waste activities: Scope 1 + Scope 2 – ktons of CO ₂ eq.	-2% ⁽²⁾	-5%	2030
	Energy from Waste activities: investment in carbon capture	Tens of millions investment for carbon capture	TBD	2030
Reduce SUEZ Scope 3 emissions	Share of Scope 3 covered by GHG mitigation action plans (%)	50% of Scope 3 covered by an action plan	>50%	2030

(2) Energy from non-hazardous waste, hazardous waste and RDF/SRF

» Adapting all priority and vulnerable sites to climate change

Commitment	Indicator	Group Target	Asia Target	Timing
Adapt all priority and vulnerable sites to climate change	Share of priority and vulnerable sites with a defined and financed action plan	100%	100%	2027





NATURE

As of today, our ecosystems are vulnerable. Against this background, biodiversity preservation is vital to climate regulation, with an economic impact on the ecosystem services it provides.

We play a pivotal role in **preserving water resources and managing recycling and reuse.**

In addressing the Nature emergency, the road ahead will be challenging, but we are 100% committed.



PERFORMANCE IN 2024



Alternative water
produced

38,96 Mm³



Refused Derived
Fuel (RDF)

84,321 tonnes



% of priority sites
with action plans

57%



Construction
waste sorted

227,327 tonnes



Water saving from NRW
improvement

3.46 Mm³



Soil
remediated

26,700 m³

NATURE ACTIONS TAKEN



We help Macau achieve water sustainability through our smart water services

Since 1985, SUEZ has been delivering drinking water production, distribution and customer services to the entire city of Macau. By adopting SUEZ patented smart solutions, our NRW rate could reach 8% and the network saves 2 million m³ of water annually. The new Seac Pai Van WTP was accredited as the first One star Green Building Label in Macau with added nature value.

2,000,000
m³/year
water saving from
NRW control

~8%
NRW rate
reaching the world's
advanced level

1st
"One Star" Green Building
Label in Macau

We protect freshwater resources by utilizing seawater in Penglai

We designed and built a landmark seawater desalination plant for Wanhua Chemical Group, one of the world's top 20 chemical companies, at their Penglai Industrial Park in Yantai, Shandong. With a total designed capacity of 300,000 cubic meters per day, to be delivered in three phases, this project is the largest industrial membrane-based seawater desalination initiative planned in China to date. Upon commissioning, it will not only contribute to the protection of local freshwater resources but also support the ecological transformation of the industrial sector.

100,000 m³
phase I daily capacity

36M
m³/year
phase I freshwater saved





We recover resources from waste plastics in East China

In 2023, SUEZ established a new joint venture to build six post-consumer plastic collection and sorting centers in East China. SUEZ's proposed JV represents its first plastics recovery project in China. This initiative will reduce plastic pollution and contribute to circular transformation in the region.

21,900
tonnes/year

plastic waste collected
and sorted



40,000
tonnes/year

CO₂ avoided from use of
recovered material

We restore wetlands in order to create green spaces in Panjin

The Dongyue drinking water production plant is one of the sources of water for the town of Panjin in China. To contribute to the city's resilience, we have created, through the Panjin Sino French joint venture, a wetland area within the plant's grounds, by restoring abandoned ponds and uncultivated land. As a result, it provides a habitat for local wildlife, and in particular is attracting a large number of birds and insects. In 2023, the wetland was acknowledged by the Panjin Forest and Wetland Preservation Administration.

7,000 m²

natural habitat for local
wildlife

69%

of total area covered by
wetland



NATURE

OUR TARGETS

Preserving resources

Commitment	Indicator	Group Target	Asia Target	Timing
Limit our impact on fresh water	% of commercial proposals concerning water production and distribution with a commitment to preserving water resources	Systematically propose (100%), for all drinking water service contracts, a water savings program up to 10% of the volume over 5 years	100%	2027
	% of water distribution contracts in water stress areas with a commitment to preserving water resources	Propose a water savings program for 100% of our water distribution contracts in water stress areas	100%	2027
Support recycling and reuse	Waste recovery rate ⁽¹⁾ Tons recovered	Improve SUEZ sorting efficiency	Improve sorting efficiency	2027

(1) Including energetical recovery

Growing nature regeneration capacities

Commitment	Indicator	Group Target	Asia Target	Timing
Grow nature environments regeneration capacities of SUEZ	Turnover generated by solutions identified as regenerating ⁽²⁾	Create and develop existing and new SUEZ business models and solutions to accelerate natural environment regeneration and prevention	Create and develop existing and new business models and solutions to accelerate natural environment regeneration and prevention	2027

(2) We consider at SUEZ that, this KPI concerns only innovative and new solutions developed by SUEZ to regenerate nature that are additional to typical SUEZ sector of activity's solutions that protect, preserve, or develop biodiversity.



➤ Addressing pressures on biodiversity

Commitment	Indicator	Group Target	Asia Target	Timing
Roll out biodiversity action plans at all priority sites managed by SUEZ	% of biodiversity priority sites ⁽³⁾ where biodiversity action plans ⁽⁴⁾ are deployed and implemented	100%	100%	2027
	% of commercial proposals in biodiversity priority zones that include an offer towards biodiversity preservation ⁽⁵⁾⁽⁶⁾	100%	100%	2027
Prevent the spillage of micropollutants in natural environment	% of commercial proposals for sanitation infrastructure ⁽⁷⁾ construction in areas at stake ⁽⁸⁾ with micropollutants removing solutions (prevention, advanced treatment etc.,) ⁽⁹⁾	100%	Capability development	2027
Reach zero phytosanitary products used on green spaces	% of sites not using phytosanitary products	100%	100%	2027
Contribute to reduce the land artificialization pace	Total number of renaturation and landscaping operations	Double	TBD	2027
Contain invasive non-native species	% of renaturation and landscaping operations using only local species	100%	100%	from 2025
Drastically reduce light pollution of sites managed by SUEZ	% of biodiversity priority sites where a light reduction policy is deployed ⁽¹⁰⁾	100%	100%	2027

(3) SUEZ definition of a priority site regarding biodiversity:

- that is in or crosses or is situated along 1) In Europe Natura 2000 areas (birds or habitats) and 2) in the rest of the world IUCN protected areas 4, 5 or 6;
- or has a surface that is superior to 10 ha;
- or is an open landfill site.

(4) A biodiversity action plan is specific to each priority site addressing its specific challenges to effectively preserve biodiversity locally. It is generally designed by experts (environmental engineer or specialist, ecologist).

(5) SUEZ considers that an offer regarding biodiversity preservation is composed of a biodiversity diagnosis of a site and a biodiversity action plan.

(6) If and when authorized by call for tenders.

(7) For WWTP whose capacity exceeds 200,000 inhabitants eq.

(8) Some areas contain more micropollutants in wastewater than others. Areas at stake will be defined through the coming legislation (e.g.DERU).

(9) If and when authorized by call for tenders.

(10) Unless prohibited by prefectural decree.



SOCIAL

The ecological transition requires collective mobilization.

It involves our teams, our customers and our partners,
but also the beneficiaries of our facilities and our host communities.

Together, we will step up our actions to promote basic rights,
not to mention the health and safety of the people at the heart of our value chain.

Their expertise is what drives our success.

We will continue to work closely in communities, everywhere we operate, in an effort
to reconcile human and economic development as well as increasing the positive
impact of our businesses.

Our progress is collective.

Corporate Social Responsibility is our guiding principle.

We are steadfastly committed to it.



PERFORMANCE IN 2024



Woman in
management positions

37%



Severity Rate

0.004



Frequency Rate

0.31



Training
coverage

89%



Purchase from local small and
medium enterprises

80%



Contracts with
social clauses

100%

SOCIAL

ACTIONS TAKEN



In Asia, we promote an equal, inclusive and diversified working environment

The SUEZ Women Asia Network (SWAN) has become a popular, trusted regional platform for female employees in Asia since its establishment in 2018. By the end of 2024, female employees comprised 37% of the total workforce, 37% of managers and 50% of participants in Asia development program. This progress represents significant milestones for the infrastructure industry. Additionally, a series of women's leadership forums have been organized by SWAN to support the career development of female staff.

37%

female in total
workforce of Asia

37%

female in managers
in Asia

We support demographic growth by ensuring access to water in Manila

In the Manila metropolitan area, in the Philippines, SUEZ is supporting rapid population growth by providing access to water for 900,000 people thanks to 4 lines of Decentralised Compact Units (UCDs®). These compact, modular solutions can be deployed much more quickly than a traditional drinking water production plant, providing access to water to meet urgent needs. Commissioned in 2023, the 4 lines of UCDs® of Calawis can produce up to 80,000 m³ of water per day.

80,000
m³/day

water produced



In Asia, we promote fair culture to safeguard health and safety

We are dedicated to building a sense of trust in health and safety, which is essential for engaging our employees, partners, suppliers, and subcontractors to prevent serious accidents in our operations. Establishing “Fair Culture” in practice consists of the following three points:



SOCIAL

OUR TARGETS

Ensuring respect for universal rights

Commitment	Indicator	Group Target	Asia Target	Timing
Enforce basic rights among our value chain	Number of basic rights infringement	0	0	from 2023
	Number of corruption cases	0	0	from 2023
	% of FTEs covered by a social dialogue mechanism	>92%	N.A. ⁽¹⁾	from 2023
	% of at-risk suppliers monitored	100%	TBD	2027
Make health & safety our top priority each and every day	Frequency rate	<5.3	Annual H&S target	2027
	Severity rate	<0.39	Annual H&S target	2027

(1) Not applicable in Asia

Growing skills and fostering employee engagement

Commitment	Indicator	Group Target	Asia Target	Timing
Develop our skills	% of people trained in the workforce per year	80%	80%	from 2023
Promote equal opportunities	% of FTEs in the workforce with disabilities (Global)	> 4%	> 0.4%	2027
Eliminate the gender gap	% of women in management positions	>40%	> 40%	2027
	Global gender gap	>85	N.A. ⁽¹⁾	2027
Foster collective engagement	Employees' shareholding (%)	10%	N.A. ⁽¹⁾	2027
	Number of hours of voluntary work from SUEZ employees with local associations/causes	5,000 hours	N.A. ⁽¹⁾	2027
	Employee engagement rate (Pulse)	+10 vs. benchmark	TBD	from 2023
	Net Promoter Score	Increase	TBD	from 2023

(1) Not applicable in Asia



⇒ Contributing to the sustainable development of communities where we operate

Commitment	Indicator	Group Target	Asia Target	Timing
Promote access to basic services in most critical situations	% of water distribution contracts covered by a solidarity mechanism	100% ⁽³⁾	100% ⁽³⁾	from 2023
	% of water distribution contracts "profiled" towards water poverty	100%	TBD	2027
Contribute to local wealth and inclusion for all	% of FTEs ⁽²⁾ paid at a decent wage (after 2 years of operation, in countries where legal minimum is either too low or non-existent)	100%	100%	2027
	% of spent with local SMEs ⁽⁴⁾	20%	24%	2027
	Number of beneficiaries of SUEZ inclusive structures & job inclusion programs	5,000 persons per year	N.A. ⁽¹⁾	2027
	Spent in inclusive structures (i.e. employing vulnerable people; work reintegration facilities, ESATs in France)	45 million euros	N.A. ⁽¹⁾	from 2023

(1) Not applicable in Asia

(2) Full time employee

(3) When the specifications of the contract allow it

(4) Small and Medium Enterprise



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