

making Europe sustainable & attractive

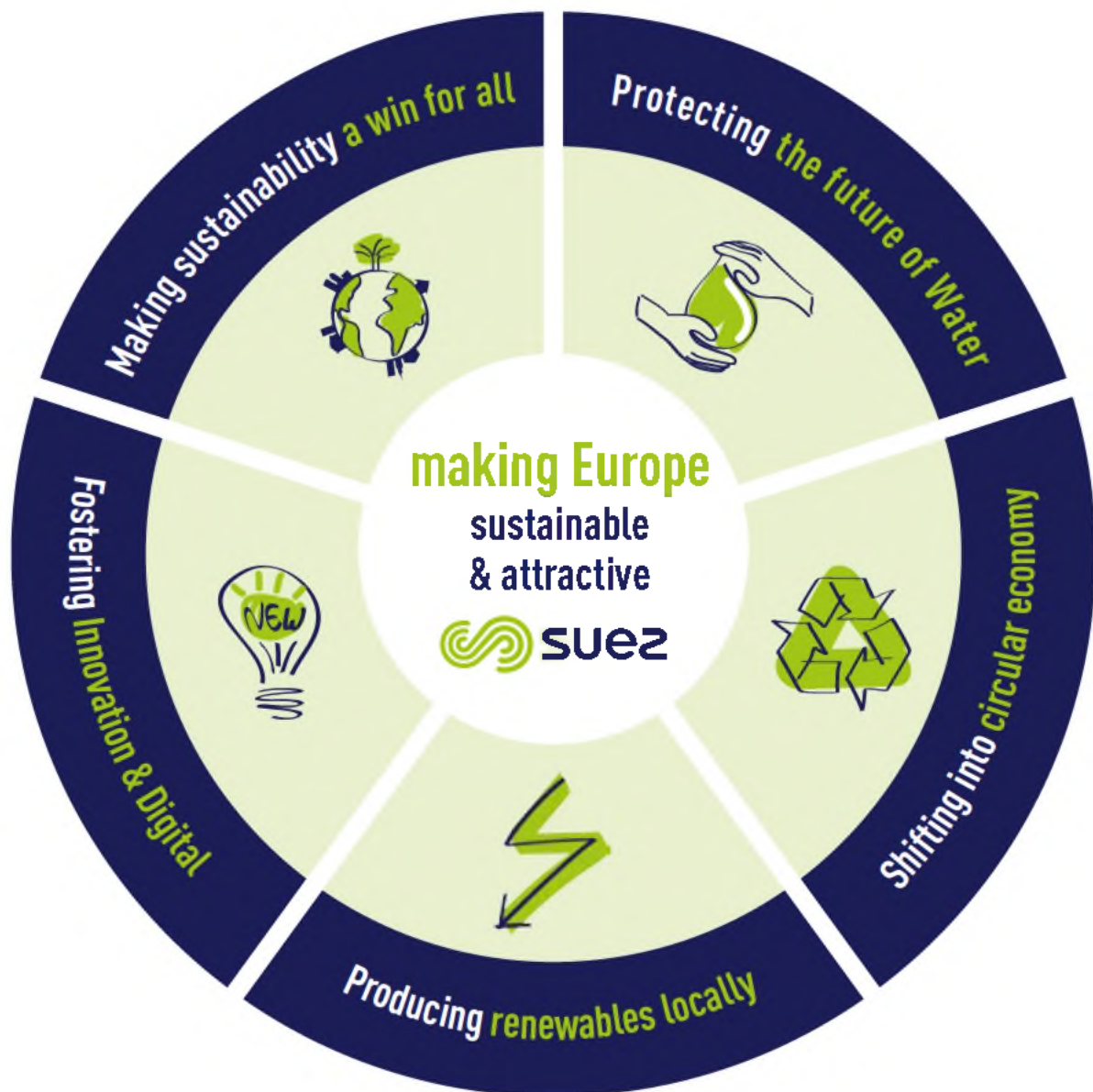
our priorities

As we face demographic growth, runaway urbanization and climate change, it has become essential that we make radical changes in the way we manage and use our resources.

SUEZ is relying on innovation and collaboration to implement a smart and sustainable resource management: optimizing the use of water thanks to information technologies, creating alternative water resources, recovering waste into energy or new materials.

We develop and deploy all these solutions and services to support cities, industries and citizens in their environmental transition. We also firmly believe that sustainability can be a win for all and that sustainability and competitiveness can be conciliated.

SUEZ shares the ambition of the European Union and its leaders to drive Europe towards a low-carbon, resource-efficient and circular society. In that perspective, we would like to express our priorities and recommendations for “making Europe sustainable and attractive”.



our recommendations

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Protecting the future of Water

By 2035, 40% of the world's population will live in water-stressed areas if we do not act to secure water resources.

Ensure safe drinking water for all

- **Conclude the revision of the Drinking Water Directive to maintain constant good quality and access to drinking water for all.**
- **Support the cost recovery principle to keep water affordable.**
- **Address the challenge of ageing assets in a fast changing environment.**

Tackle pollutants more effectively

- **Combine control at source actions and treatments in wastewater plants to address micropollutants.**
- **Support more innovation and research to tackle actual pollutants (microplastics, textile fibers, pharma residues) and in particular curb the 'cocktail effect'.**

Drive water reuse

- **Adopt EU Regulation on wastewater reuse for agriculture irrigation as a circular solution to maintain economic activity in regions exposed to water stress.**
- **Develop policies promoting industrial water reuse as the potential remains largely unexploited in Europe.**
- **Give water its value in the circular economy. Waste water can serve different usages but also contains energy, fertilizers, phosphorus, nitrogen and other nutrients.**

Safeguard water & oceans

- **Secure availability and access to a vulnerable resource (reduce, reuse, tackle leakage).**
- **Curb plastic pollution of oceans thanks to efficient and sustainable solid waste management.**
- **Adapt and mitigate consequences of climate change on water resources.**



Shifting into circular economy

The transition towards a circular economy is a journey which brings economic growth, local jobs, reduced GHG emissions and can provide a competitive edge to European businesses.

Accelerate Recycling

- **Deliver on EU recycling targets** set for 2025 and 2030 by increased separate collection and sorting for quality.
- **Extend mandatory recycled content** to more plastics and products, and hence create **stable markets for recycled materials in Europe**.
- **Promote recyclability through circular design** and incentives; and **empower citizens / consumers / industries to make informed choices / decisions**.

Promote Reuse models

- **Foster dialogue along value chains** to boost and incentivize Reuse of water, materials and packaging.
- **Design industrial strategies based on reduce, reuse, recovery and recycling principles** (e.g. Batteries).
- **Communicate positively on Reuse** to embark citizens (water reuse, spare parts, recyclates).

Grasp climate benefits of circularity

- **Scale-up Circular Economy** to help meet EU climate ambition.
- **Stress avoided emission potential and other environmental benefits** of increased reduce, reuse, recovery and recycling.
- **Reward positive externalities linked to sustainable resource management** (carbon pricing).

Drive Resource Recovery

- **Exploit all recovery solutions** (organic, material, energy, molecules) to grasp **all benefits**.
- **Legislate on unexploited feedstocks** to speed up recovery and recycling – e.g. **Commercial & Industrial waste; Construction & Demolition Waste**.
- **Harvest the potential of biowaste** (food, green, agriculture, sludge) by increased collection & cooperation.





Producing renewables locally

Recovering energy from solid waste and water provides renewable and circular energy to meet local needs of cities and industries. It creates green jobs and growth while reducing GHG emissions of cities and industry.

Stimulate Energy Recovery

- Stress the complementary role of energy recovery of solid waste to high recycling in the transition to Circular economy.
- Maintain eligibility of energy recovery plants and projects also because of its contribution to EU Energy transition.
- Enable support to Alternative Fuels (policy and funds) as efficient waste-based solutions to substitute fossil fuels.

Recover Energy from Water

- Foster production of renewable gas from wastewater and sludge, to meet EU energy targets (biomethane, biogas, biofuels for transport).
- Promote energy value of wastewater and sludge by guaranteeing financial support (EU funds, national support schemes).
- Improve the energy efficiency of water services (production, distribution, plants) and drive them towards energy self-sufficiency.

Think energy locally

- Support decentralised production of renewable energy outlets (electricity, steam, heat, hydrogen, biogas, biomethane).
- Reinforce support to energy produced from local renewable feedstocks (municipal and industrial waste, biowaste, green waste, sludge)
- Position Waste-to-Energy to meet local needs and demands (citizens, cities, industries, agriculture, local communities) and maintain attractiveness of territories.

Reduce Europe's climate footprint

- Curb dependence on fossil fuels imports by recovering energy from local biomass.
- Contribute to greening the EU energy mix with more renewables from waste feedstocks and water.
- Reduce GHG emissions of cities and industries by switching to circular energy solutions and services.





Making sustainability a win for all

Sustainable development has the potential to promote equal opportunities and diversity, contribute to the economic development of our cities and regions, while protecting our vital resources, our environment and the climate.

Promote social and economic inclusion

- Contribute to sustainable development and attractiveness of territories (professional integration, SME, local needs, etc).
- Make Europe a great place to live and work (air quality, noise, protected environment & water, mobility, biodiversity, health & safety).
- Generate green jobs for all (social inclusion) through circular economic models.

Concile sustainability and competitiveness

- Support European actors (citizens, policy makers, cities, industries) with their sustainability agenda.
- Design a European sustainable Industrial strategy (Recycling, water REUSE, raw materials, batteries, Innovation, R&D) to remain competitive globally.
- Encourage investments and subsidies favouring circularity.

Drive climate resilience

- Maintain good status of our environment, water and biodiversity.
- Manage resources in Europe to the benefit of local employment and economic development.
- Support business models and community actions that contribute to EU's 2030 Sustainability agenda and low-carbon 2050 vision.



Fostering innovation and digital

Innovation and digital technology are critical to support all stakeholders in the preservation of resources.

Incentivize innovation

- Guide EU innovation agenda towards smart and sustainable management of resources.
- Stimulate multi-stakeholder cooperation along the value chain to come up with innovative solutions.
- Support innovation efforts also locally to best meet needs and demands (living labs, incubators).

Be smart and innovative for Climate

- Design EU policies which promote digital and smart tools to the benefit of climate.
- Incentivize the deployment of smart and low carbon business solutions which mitigate impacts of climate change (connected devices, reuse of treated wastewater, water detection technology, smart waste management, Artificial Intelligence, Carbon capture and Utilization).

Encourage Smart Cities

- Shape the face of the city of the future thanks to creative policies and financial support to deploy fully solutions and technologies.
- Build smart and resourceful cities to be more resilient because of integrated management of its various flows (waste, water, energy, IT).
- Ensure smart solutions meet local needs and demands by embarking public authorities, citizens, academics, start-ups, businesses.





our references



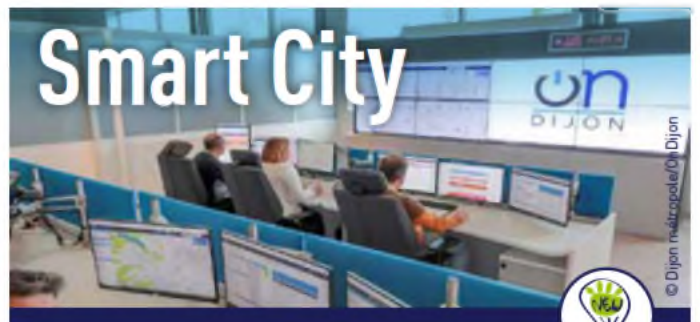
📍 Milan San Rocco, Italy

SUEZ set up a plant treating wastewater to be reused for the culture of rice in the Milan surroundings. In dry periods, all recycled wastewater is used to irrigate 22,000 hectares of crop fields.



📍 Maastricht, The Netherlands

SUEZ and Lyondellbasell aim to boost production of high-quality recycled plastics in Europe. Their Joint Venture QCP has the objective to produce 50,000 tons of recycled plastic pellets (PP and HDPE) before 2020.



📍 Dijon, France

A unique Smart city project based on remotely managing urban equipment of all the metropolis from a connected control centre. SUEZ partnered with Bouygues, EDF, and CapGemini under the umbrella of the Metropolis of Dijon.



📍 Poznan, Poland

Under the form of a PPP and funded by EU Cohesion Funds, Poznan Waste-to-Energy plant will treat up to 210,000 tones of municipal waste originating from the 740,000 inhabitants of the region. The plant produces energy, partly renewable, in the form of electricity for the grid, and heat for the district heating network.



📍 Across Europe

SUEZ is convinced that circular economy can create opportunities and that green jobs can benefit all. As part of its commitment to become an engaged actor of the social and solidarity economy, SUEZ has initiated several programs promoting social inclusion through its core businesses (sorting, recycling, water management). SUEZ is also more and more engaging with local associations and stakeholders to foster dialogue and cooperation.

our fields of activity



Engineering,
design and construction
of treatment
infrastructure



Smart and sustainable
management
of the water cycle,
smart water solutions



Smart solutions
to shape
tomorrow's cities



Recycling and
waste recovery to produce
new materials
and energy

we help cities and industries optimize water management,
recycling and waste recovery

€17.3 billion

turnover in 2018

88.775

employees

on 5

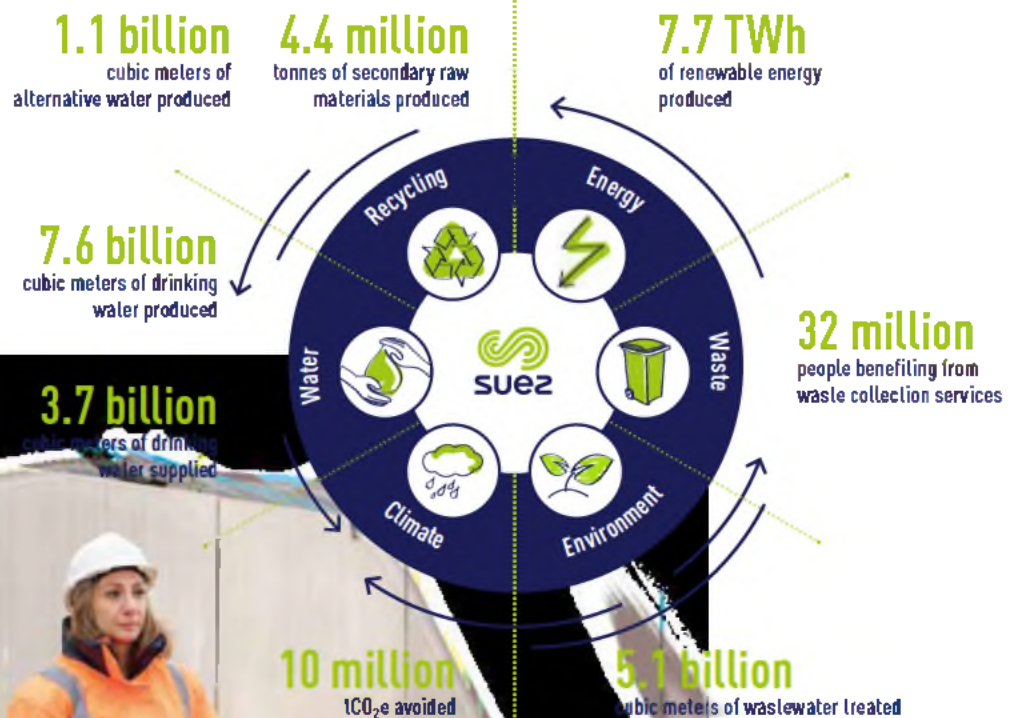
continents

€122 millions

invested in R&D in 2019

27.6%

of women in management



SUEZ at glance
key figures

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