

#ShapingSUEZ2030

Our water solutions for Southeast Asia  
**Shaping a sustainable future  
for water resources**



SUEZ, act today to shape tomorrow

# Preserve and restore the essential elements of our environment: water, soil, air.

**W**ith a history in the water and waste sectors stretching back over 160 years, SUEZ is working on all 5 continents in the service of a smart and sustainable management of resources. We help people constantly improve their quality of life by protecting their health and supporting economic growth.

In Asia, the evolution of the water industry is being driven by a number of challenges, among them are climate change, rapid population growth, increasing demand for natural resources, rising expenditures and heightened community expectations. These challenges are becoming particularly pressing in the Southeast Asia region. In the context of managing water resources, SUEZ brings a diverse portfolio of solutions that enables optimisation and protection, conformity with regulations and contributes to a circular economy.

**200,000**  
jobs created directly  
or indirectly  
by SUEZ worldwide

**€103** MILLION

invested globally in 2020  
in R&D to develop technology that  
protects our resources



# Global knowledge

# Local expertise

**160** years of  
global experience

**60** years of  
experience in Asia

**7.1** billion cubic meters of  
drinking water  
produced globally

**2.4** billion cubic meters of  
drinking water  
produced in Asia

**2.2** billion cubic meters of  
alternative water  
produced globally

**15.96** million cubic meters of  
alternative water  
produced in Asia

**4.15** million tonnes of  
secondary raw materials  
produced globally

**0.35** million tonnes of  
secondary raw materials  
produced in Asia





Our long-term commitment

# to Southeast Asia's sustainability

Since 1953, SUEZ has been driving forward water and waste management services in the region and enhancing its expertise as a worldwide leader in the environmental services.

## Vietnam

SUEZ has been working closely with local authorities to provide sustainable solutions for drinking water and wastewater since 1955.

## Malaysia

SUEZ won its first Design & Built contract in Johor-State in 1963. Since then, the Group has won 25 Design & Built contracts but also DBO, BOT & O&M contracts.

## Singapore

SUEZ first worked closely with the Public Utilities Board (PUB) in 1963, and since 2015 on smart environmental projects such as smart solutions for stormwater management, smart metering, and innovative water mains cleaning.

1953

1955

1957

1963

1978

2015

## Indonesia

We have built more than 190 water and wastewater treatment plants since 1953.

## Thailand

Our first contract was signed in 1957. The Group also secured the important contract with the Metropolitan Waterworks Authority (MWA) for the supply of potable water to the city of Bangkok. In 2019, our footprint extended to waste-to-energy and plastic waste recycling.

## Philippines

SUEZ has had a presence since 1978. In 1992, the Group built La Mesa Treatment Plant 2.



Since 1953, SUEZ has built

**300** water and wastewater plants  
in Southeast Asia



## THAILAND

### CHONBURI

Waste to energy plant

### BANG PHLI

Plastic waste recycling plant

## MALAYSIA

### LOSONG & PULAU BAHAGIA

Drinking water compact units  
(UCD®) (2019-2021)

MEDAN

## INDONESIA

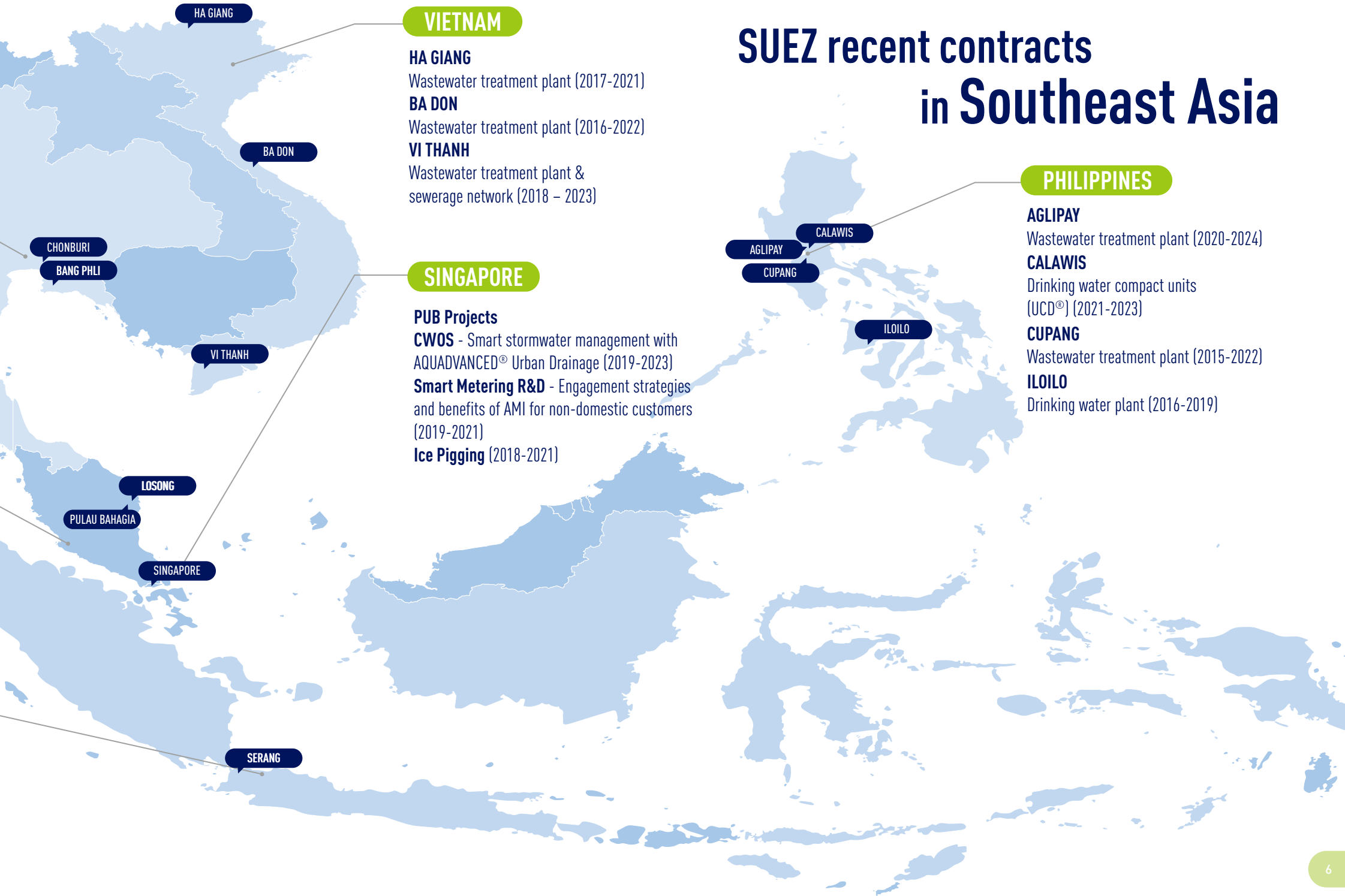
### MEDAN

Drinking water plant & drinking water compact units  
(UCD®) (2001-2045)

### SERANG

Drinking water plant (1993-2035)

# SUEZ recent contracts in Southeast Asia



## Our water and wastewater solutions

# Supporting you throughout every stage of the resource management

We are committed to designing innovative solutions and sustainable models that create value for our customers, the cities and industry.



## Drinking Water Production

- Design, build and operate new water treatment plants
- Respond to emergencies with containers that produce water in crisis situations
- Produce quality drinking water, using diverse treatment techniques like settling, flotation, adsorption on activated carbon and filtration
- Reduce water hardness through collective carbonate removal
- Eliminate micropollutants

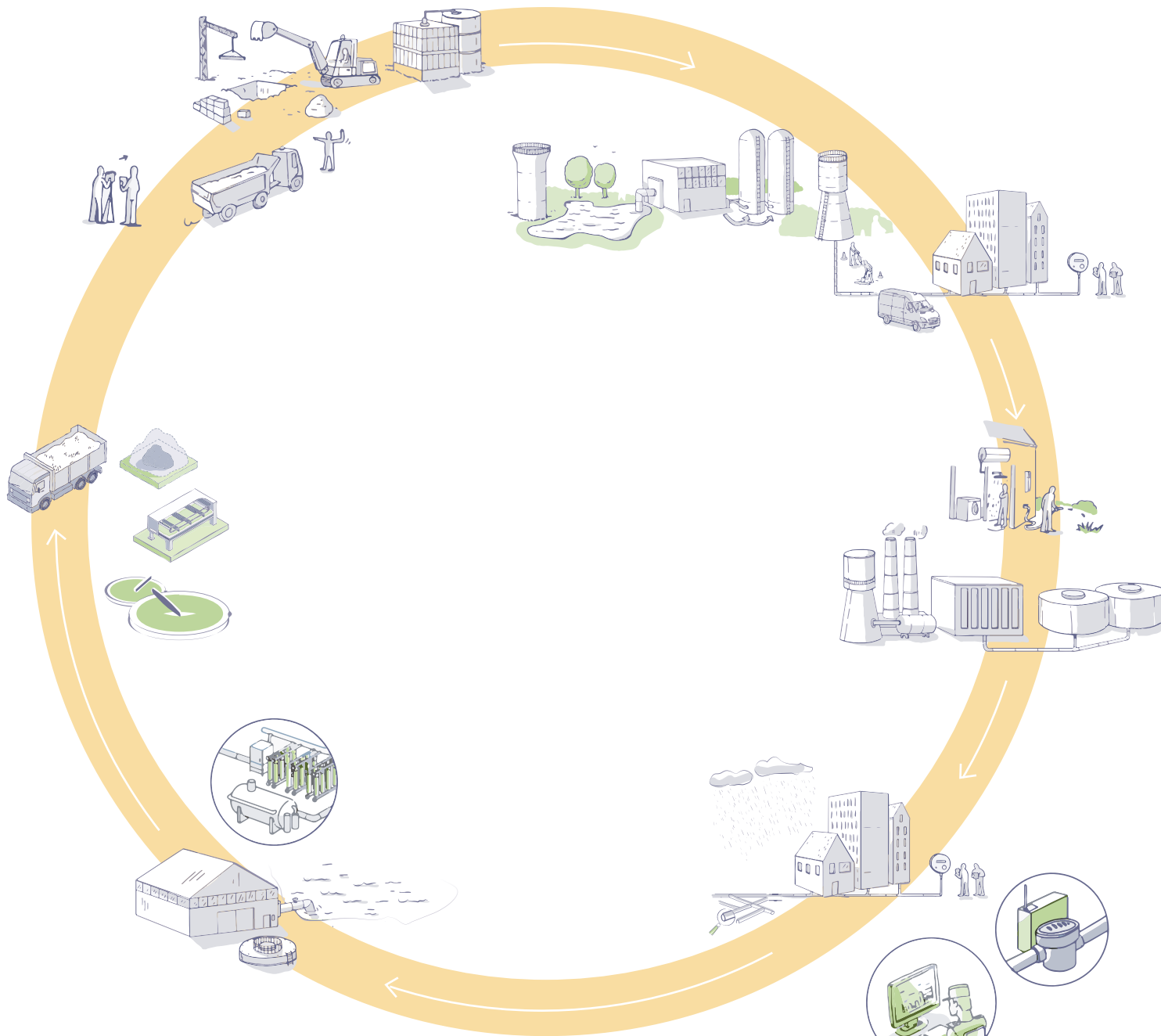
## Sludge and by-product management

- Thicken and dewater sludge
- Offer effective solutions to digest sludge
- Provide thermal, mixed and solar sludge drying solutions
- Optimize sludge incineration

## Desalination

- Our broad range of Degremont® products, services and tools provide technical and economic solutions that are relevant and effective
- We provide diverse solutions, from water intake, pre-treatment, reverse osmosis, post-treatment to discharge of brines
- 255 desalination plants build worldwide: 1.5 million cubic meters of desalinated water provided by the plant operated by SUEZ supplied to 10 million people





## Water Distribution

- Monitor drinking water network in real time to ensure continuous drinking water distribution
- Act promptly to resolve leaks in the drinking water network
- Develop smart networks, extend drinking water network's lifespan and assess the state of your network
- Our "360° view of the client" approach supports resource preservation, limits energy consumption and reduces the carbon footprint

## Wastewater treatment & reuse

- Blending into the environment, the plants are designed to prioritize protecting local residents' quality of life
- Guarantee the performance of the treatment systems
- Offer advanced technical solutions for reusing purified wastewater

## Sewerage & stormwater network management

- Improve service quality and enhance city's resilience by guaranteeing continuity of service, limiting the impact of rainfall events on the economy and anticipating emergency situations
- Reduce spending and optimize assets, as well as related investments, by developing smart networks
- Implement solutions that help anticipate the risk of pollution and minimize the effects of pollutant discharge

Our value proposition to clients

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# Delivering client-centric and tailored infrastructure and service contracts to take care of your needs

At SUEZ, we leverage our global expertise to work with local partners across Southeast Asia to provide services which ease major challenges that have environmental dimensions. Our services and project references include (but is not limited to) infrastructure projects such as **EP, DB, DBO, BOT** and services contracts such as **management contracts, O&M, affermage, concession**.

Our goal is to generate business value as well as positive social impact, to benefit individual companies and collective communities alike.





## Enhanced performance & continuous improvement

In pursuit of project goals, we deploy the best experts and the most relevant skills and innovative technologies to sustain continuous improvements. We study and understand your needs to develop relevant plans that apply your vision in practice and prepare for the future.



## Local skills development

We transfer knowledge, train local teams and contribute to local economic development.



## Access to the best possible financing scheme

We identify attractive financing options and we guarantee high-quality services, even in times of fiscal or environmental uncertainty



## Governance

A partnership that is aligned to the local governance framework for authorities to discharge their duties effectively.



# 4

## Main Drivers for a Client-Centric Public-Private Partnership

# SUEZ SOUTHEAST ASIA REGIONAL OFFICES

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