

**Sembcorp Industries Ltd**

30 Hill Street #05-04

Singapore 179360

Tel: (65) 6723 3113

Fax: (65) 6822 3254

Email: [gcr@sembcorp.com](mailto:gcr@sembcorp.com)

[www.sembcorp.com](http://www.sembcorp.com)

Co Regn No. 199802418D



# FACTS & FIGURES 2016

Meeting the World's  
Growing Needs

Sembcorp provides total water solutions  
to a large-scale coal-to-diesel project in  
Changzhi, Shanxi, China





# Vital Partners Essential Solutions

As a vital partner to our customers, we leverage our group strength and sector expertise to deliver essential solutions that enable them to do their business better or improve the quality of life. In partnership with our stakeholders, we build sustainable businesses that develop long-term growth and create value for all – our customers, employees, shareholders, partners and communities in which we operate.



**VITAL  
PARTNERS**



**ESSENTIAL  
SOLUTIONS**



**CREATING  
VALUE**

# A Leading Energy, Water, Marine and Urban Development Group

Sembcorp Industries is a leading energy, water, marine and urban development group with operations across five continents worldwide. With facilities of around 11,000 megawatts of gross power capacity and close to nine million cubic metres of water per day in operation and under development, Sembcorp is a trusted provider of essential energy and water solutions to both industrial and municipal customers. It is also a world leader in offshore & marine engineering, as well as an established brand name in urban development.



**Multi-utilities facilities**  
Jurong Island, Singapore



**Chongqing Songzao power project**  
Chongqing, China



**Rojwas wind power assets**  
Madhya Pradesh, India



**Solar power assets**  
Singapore



**Industrial wastewater treatment facility**  
Lianyungang, Jiangsu, China



**Fujairah 1 Independent Water and Power Plant**  
Fujairah, UAE



**Sembcorp Marine Tuas Boulevard Yard**  
Singapore



**Nanjing International Water Hub**  
Jiangsu, China

## AT A GLANCE

### Global Presence

15 countries  
in 5 continents

### Staff Strength

8,000 employees

### Shareholders\*

Temasek Holdings: 49.5%  
Public: 50.5%

### Market Capitalisation\*

S\$5.1 billion  
US\$3.6 billion

### Listing

Singapore Exchange (SGX)

### Index Component

Straits Times Index (STI)

MSCI Singapore,  
other MSCI indices

FTSE Developed Asia Pacific  
ex Japan Index, other FTSE  
indices

Dow Jones Sustainability  
Asia/Pacific Index

## FY2016 FINANCIAL SNAPSHOT

### Turnover

**S\$7.9bn**  
US\$5.5bn

### EBITDA

**S\$1.3bn**  
US\$919m

### Profit from Operations

**S\$909m**  
US\$635m

### Net Profit

**S\$395m**  
US\$276m

### Total Assets

**S\$22.3bn**  
US\$15.6bn

## KEY BUSINESSES

### Sembcorp Utilities

Provides energy, water,  
on-site logistics and  
solid waste management  
solutions to industrial and  
municipal customers



100%

### Sembcorp Marine

Offers innovative offshore  
& marine engineering  
solutions focusing on four  
key capabilities: rigs &  
floaters, repairs & upgrades,  
offshore platforms and  
specialised shipbuilding



60.9%

### Sembcorp Development

Develops, markets  
and manages urban  
developments comprising  
industrial parks as well  
as business, commercial  
and residential space



100%

\* As at December 31, 2016.

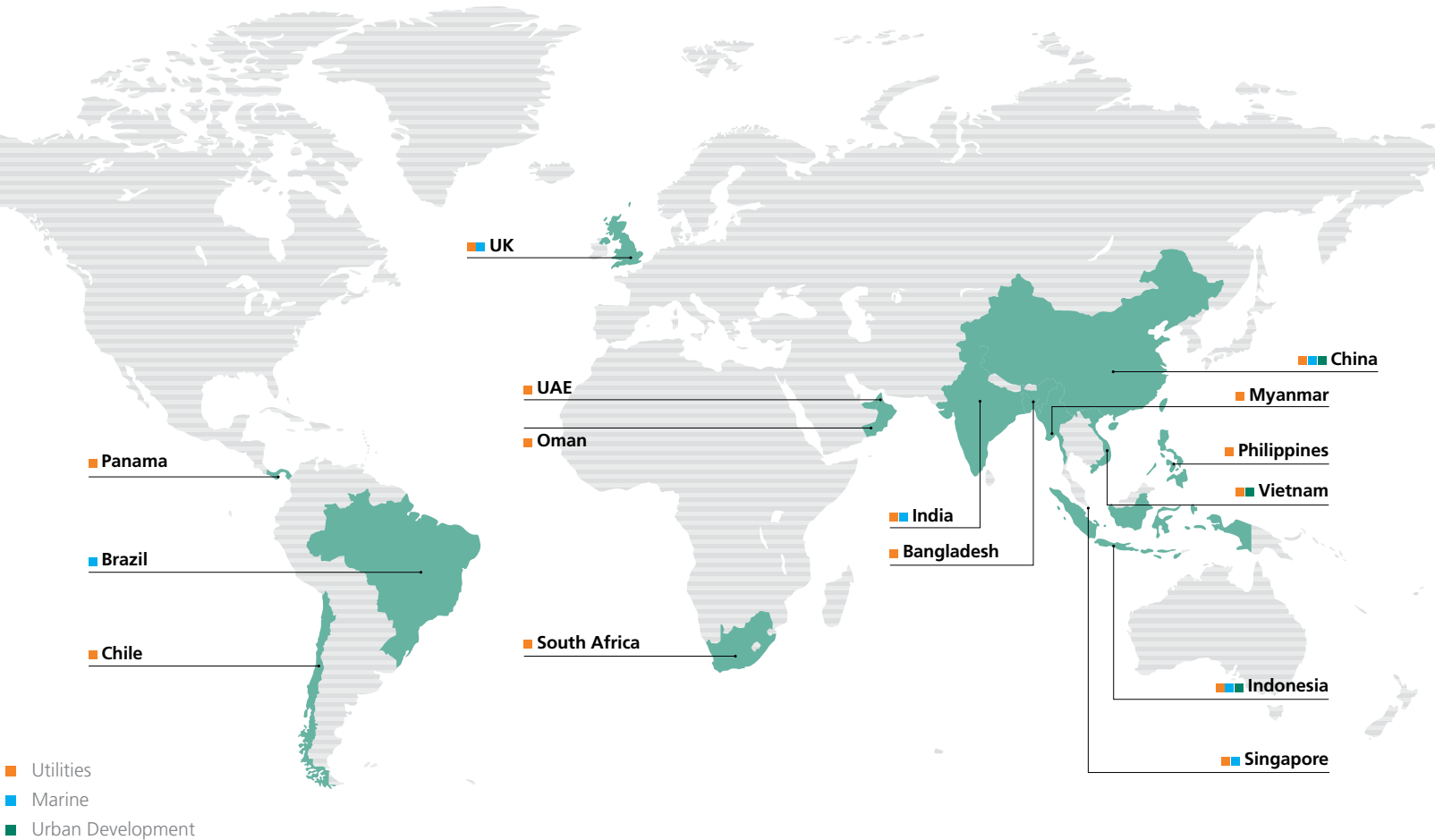
Shareholding figures are calculated based on the number of issued ordinary shares excluding treasury shares

bn: billion; m: million; **EBITDA**: earnings before interest, taxes, depreciation and amortisation;

**Profit from Operations**: earnings before interest and tax (EBIT) + share of associates' and joint ventures' results (net of tax)

# Global Operations across 15 Countries in 5 Continents

Well-Positioned in Key Growth Markets



## A leading developer, owner and operator of energy and water assets

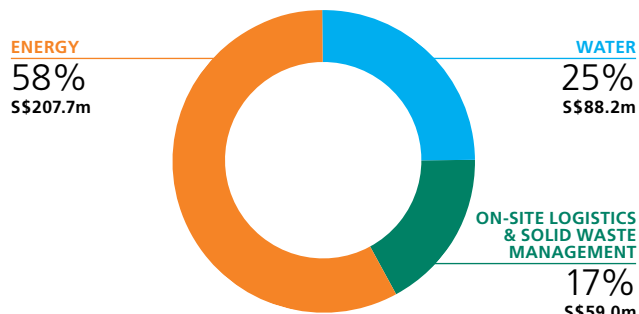
- Operations in 14 countries with an established presence in Asia and a strong presence in growth markets
- Strong track record in generating and supplying power, steam and natural gas, and providing total water and wastewater treatment solutions for industries and water-stressed regions
- Global leader in the provision of energy, water and on-site logistics to multiple industrial site customers

### FY2016 KEY FIGURES

<b>Turnover</b> <b>S\$4.1bn</b> US\$2.9bn	<b>PFO</b> <b>S\$737m</b> US\$515m	<b>Net Profit</b> <b>S\$348m</b> US\$243m
---	--	---

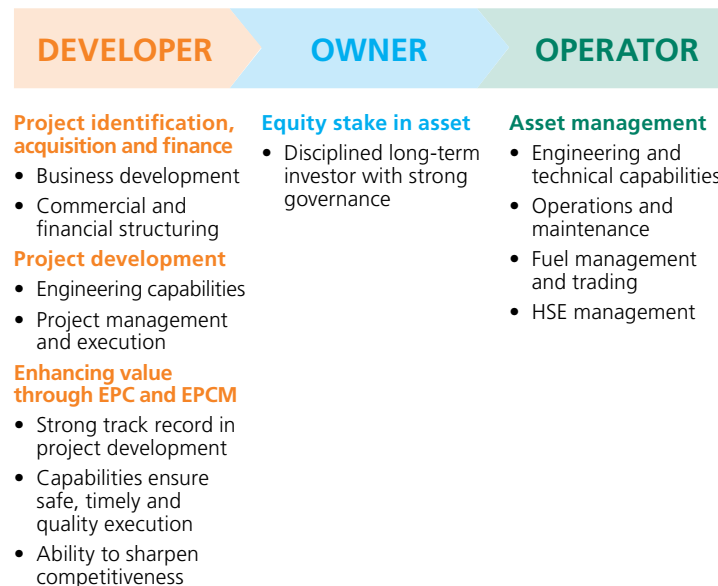
### NET PROFIT BY PRODUCT SEGMENT

(excluding Corporate and Exceptional Items)



bn: billion; m: million; Profit from Operations: earnings before interest and tax (EBIT) + share of associates' and joint ventures' results (net of tax)

## Sembcorp's Developer-Owner-Operator Model



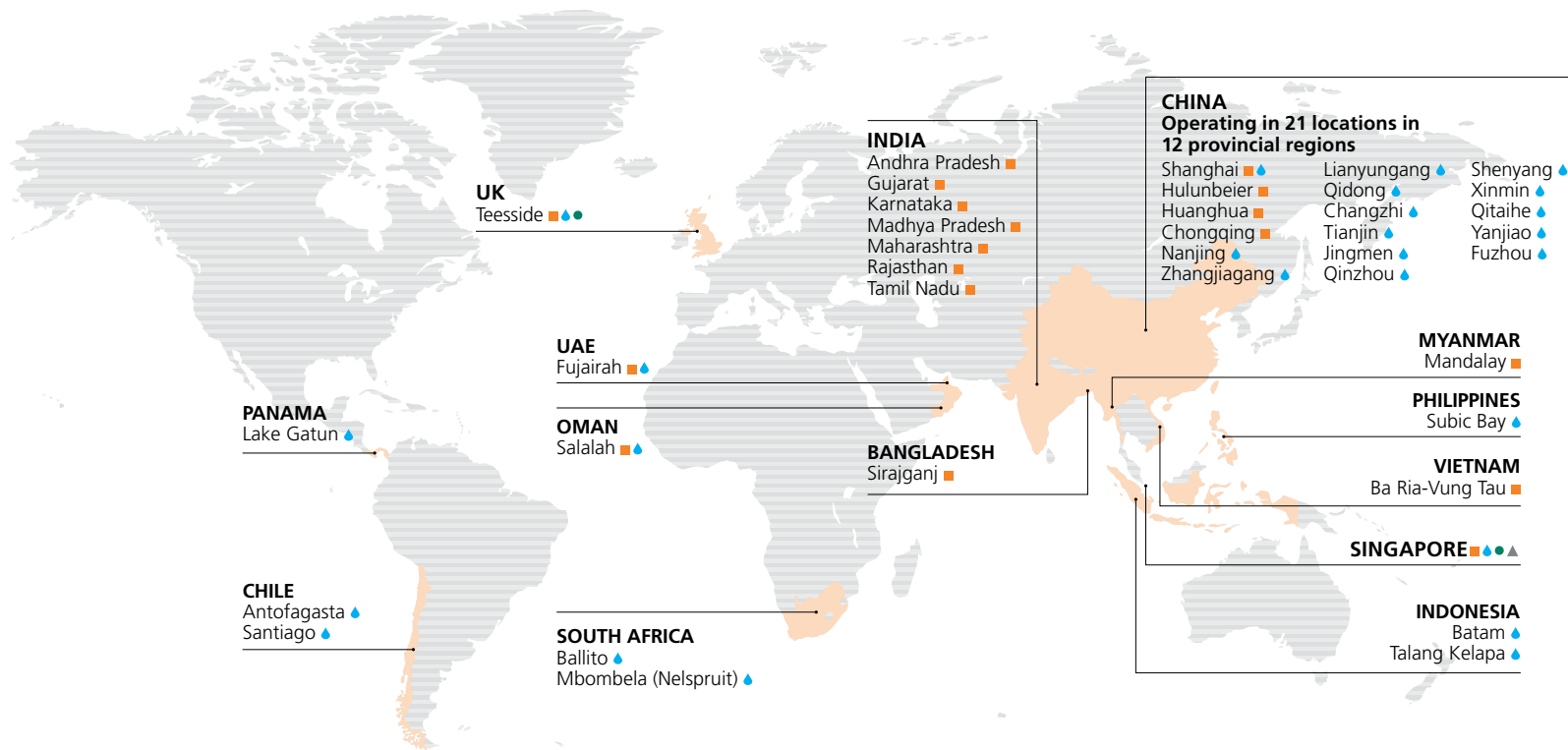
### Strong track record and proven capabilities in executing large-scale greenfield energy and water projects



EPC: Engineering, Procurement and Construction; EPCM: EPC Management; HSE: Health, Safety and the Environment

# Entrenched Positions in Growing Markets

Operating in 70 Locations in 14 Countries Globally



- Energy
- ◆ Water
- On-site Logistics
- ▲ Solid Waste Management

<p><b>UK &amp; The Americas</b></p> <ul style="list-style-type: none"> <li>■ 220MW</li> <li>◆ 515,913m<sup>3</sup>/day</li> </ul>	<p><b>Middle East &amp; Africa</b></p> <ul style="list-style-type: none"> <li>■ 1,401MW</li> <li>◆ 801,012m<sup>3</sup>/day</li> </ul>	<p><b>India</b></p> <ul style="list-style-type: none"> <li>■ 3,611MW</li> </ul> <p><b>Bangladesh</b></p> <ul style="list-style-type: none"> <li>■ 427MW</li> </ul>	<p><b>China</b></p> <ul style="list-style-type: none"> <li>■ 3,056MW</li> <li>◆ 2,306,520m<sup>3</sup>/day</li> </ul>	<p><b>Singapore &amp; ASEAN</b></p> <ul style="list-style-type: none"> <li>■ 2,201MW</li> <li>◆ 5,197,807m<sup>3</sup>/day</li> </ul>
---	--	--	---	---



Coal



Gas



Wind



Solar



Energy-from-Waste



Water

## Solid Pipeline of Projects

Around 4,000MW of power and over 1.3 million m<sup>3</sup>/day of water and wastewater treatment capacities to be added in 2017-2018

### 2017

**Chongqing Songzao**  
1,320MW  
Chongqing, China

Completed

**EfW Facility**  
140tph steam  
Jurong Island, Singapore

**Sembcorp Gayatri Power**  
1,320MW  
Andhra Pradesh, India

Completed

**Singapore Solar Power**  
6MW  
Singapore



**Huanghua Laoshibeih**  
150MW  
Hebei, China

**A&H**  
80MW  
Karnataka, India

**Changzhi TWMP**  
1.3 million m<sup>3</sup>/day  
Shanxi, China

**Karadikonda**  
50MW  
Andhra Pradesh, India



**Sadla**  
50MW  
Gujarat, India

**Rojmal 3**  
40MW  
Gujarat, India

### 2018

**Huanghua Phase 3**  
99MW  
Hebei, China

**Huanghua Huangnanpaigan**  
200MW  
Hebei, China



**Myingyan**  
230MW  
Mandalay, Myanmar

**Sirajganj Unit 4\***  
427MW  
Sirajganj, Bangladesh



EfW: Energy-from-Waste; m<sup>3</sup>/day: cubic metres per day; MW: megawatts; tph: tonnes per hour; TWMP: Total Water Management Plant

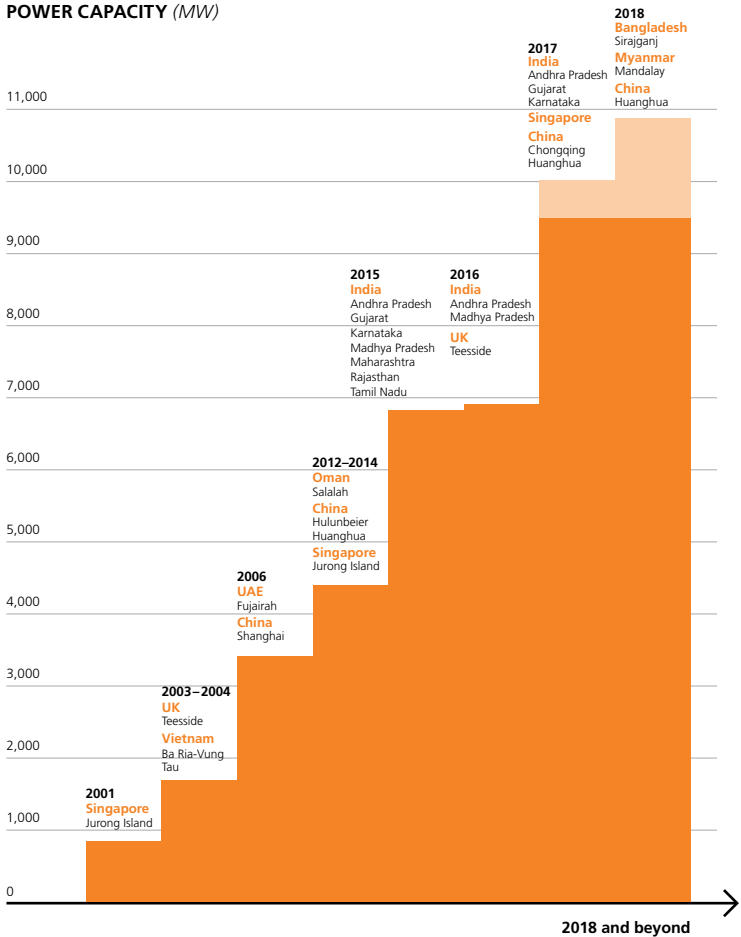
\* To operate in open-cycle mode in 2018

Note: Capacity refers to total gross installed capacity of facilities in operation and under development.

# Energy

In Operation ■  
Under Development ■

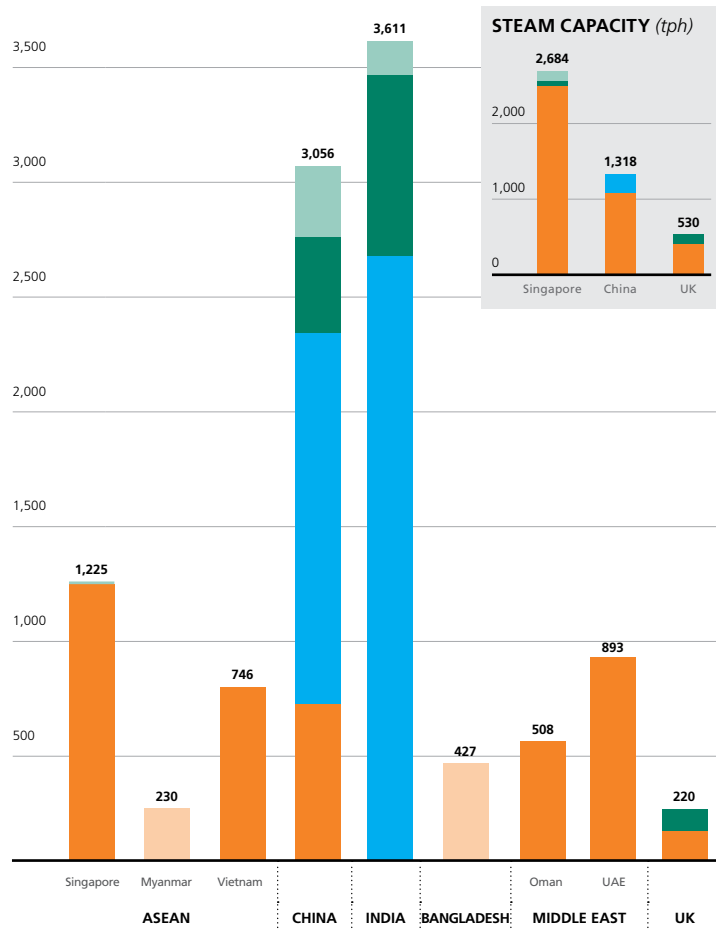
## POWER CAPACITY (MW)



**Growing Income Base**  
Developer, Owner and Operator  
of Power Facilities with  
**~11,000MW**

**Fuel Diversity**  
Ability to produce energy from a  
diversity of fuels including gas, coal,  
renewable sources and waste

In Operation ■ ■ ■  
Under Development ■ ■ ■



MW: megawatts; tph: tonnes per hour

Note: Capacity refers to total gross installed capacity of facilities in operation and under development.

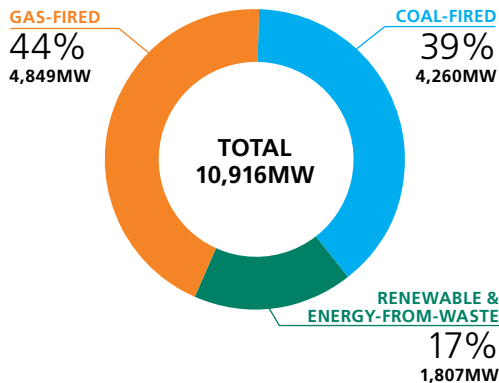


ENERGY

# Efficient and Reliable Energy Solutions

Strong capability to apply technologies for greater efficiency and lower emissions. Track record in operating thermal and renewable assets.

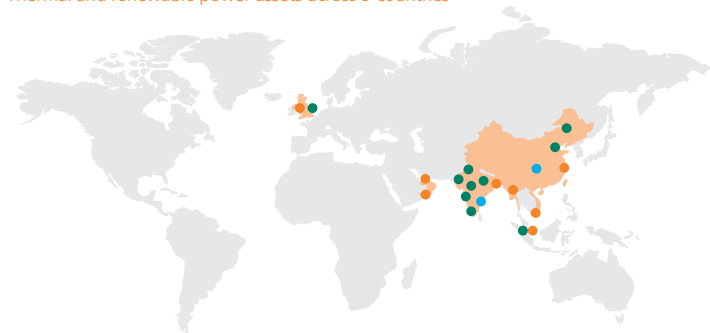
POWER CAPACITY (MW)



## Building a Sustainable Power Portfolio

Aiming for a balanced portfolio of thermal and renewable assets

Thermal and renewable power assets across 9 countries



- Gas-fired (Thermal)
- Coal-fired (Thermal)
- Renewable & Energy-from-Waste

## Thermal Energy



**GAS**

**CAPACITY**  
 ASEAN & Bangladesh: 2,622MW  
 Middle East & UK: 1,536MW  
 China: 691MW

**CAPABILITIES**

- Combined cycle gas turbine (CCGT)
- Cogeneration
- Combined power & desalination



**COAL**

**CAPACITY**  
 India: 2,640MW  
 China: 1,620MW

**CAPABILITIES**

- Supercritical technology

## Renewable Energy & Energy-from-Waste



**INDIA**  
936MW



**INDIA**  
35MW



**SINGAPORE**  
200tph steam



**CHINA**  
745MW



**SINGAPORE**  
6MW



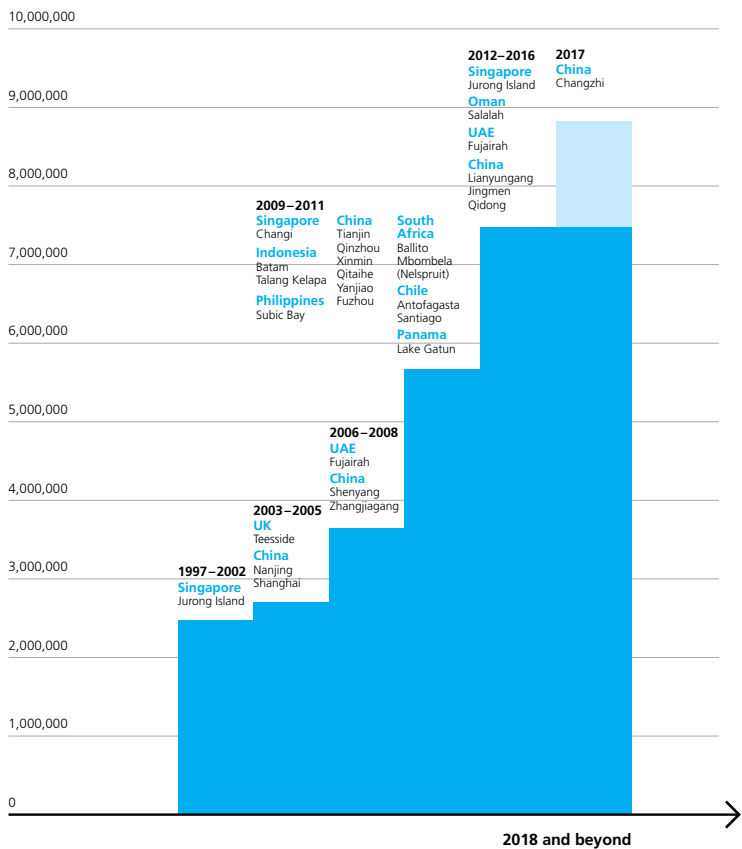
**UK**  
85MW and 130tph steam

MW: megawatts; tph: tonnes per hour

# Water

In Operation ■  
Under Development ■

## WATER CAPACITY (m<sup>3</sup>/day)



m<sup>3</sup>/day: cubic metres per day

Note: Capacity refers to total gross installed capacity of facilities in operation and under development.

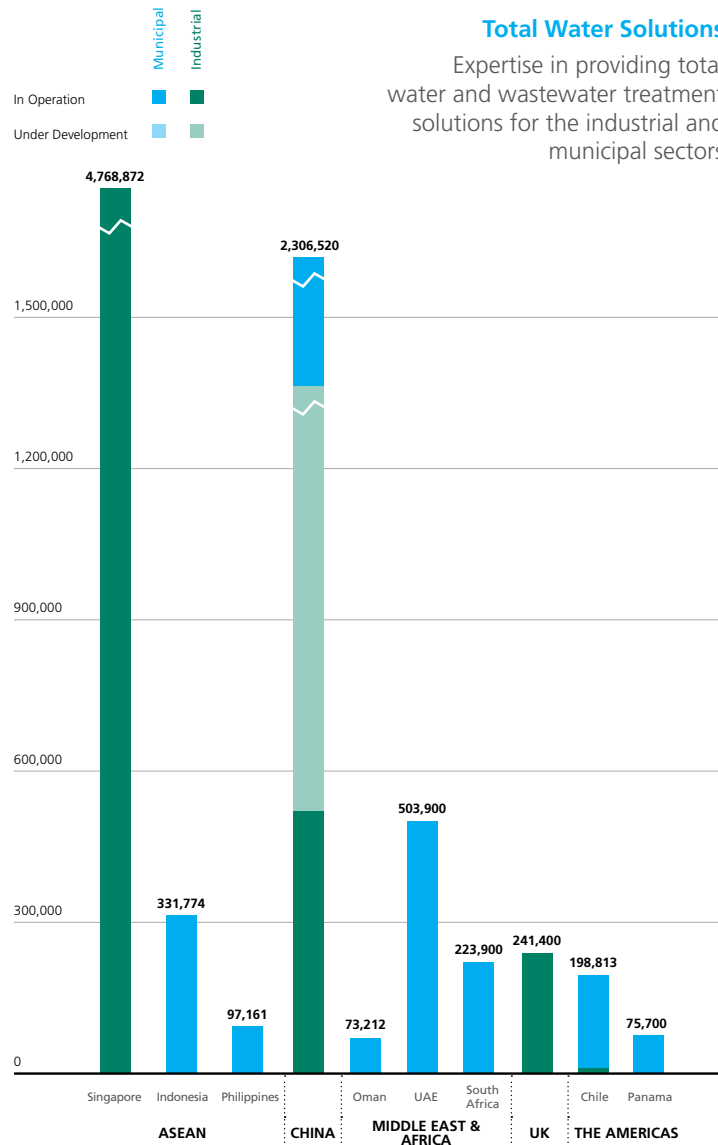
## Growing Income Base

Developer, Owner and Operator of Water and Wastewater Treatment Facilities with

~9,000,000m<sup>3</sup>/day

## Total Water Solutions

Expertise in providing total water and wastewater treatment solutions for the industrial and municipal sectors



Note: Desalinated water produced by facilities in Oman and the UAE is classified under the municipal sector in the above chart.

**WATER**

# Total Water and Wastewater Treatment Solutions

## Specialised Solutions for Industries

### Industrial Wastewater Treatment

- Specialised capabilities in treating multiple streams of high concentration industrial wastewater
- Capabilities to treat wastewater with high concentration of up to 19,000mg/L COD and high salinity of up to 50,000mg/L
- Reconfiguration and upgrade of existing industrial wastewater treatment plants to comply with discharge regulations
- Customised pre-treatment solutions for effective wastewater treatment



### Total Water Management

- Comprehensive suite of water solutions, from supply, wastewater treatment to water reclamation
- Optimises water reuse and aims to achieve “zero-liquid discharge” – protecting the environment and conserving water resources



## Specialised Solutions for Water-stressed Regions

### Desalination

- Large-scale seawater desalination using multi-stage flash and seawater reverse osmosis technologies



### Water Reclamation

- Reclamation of effluent into high-purity water for industrial or municipal use
- Pioneer of commercial reclamation of water from treated municipal and industrial wastewater in Singapore



## Value-added Services

Leveraging Sembcorp’s technical excellence, industry experience and project management execution to deliver best-fit solutions

### EPC / EPC Management Solutions

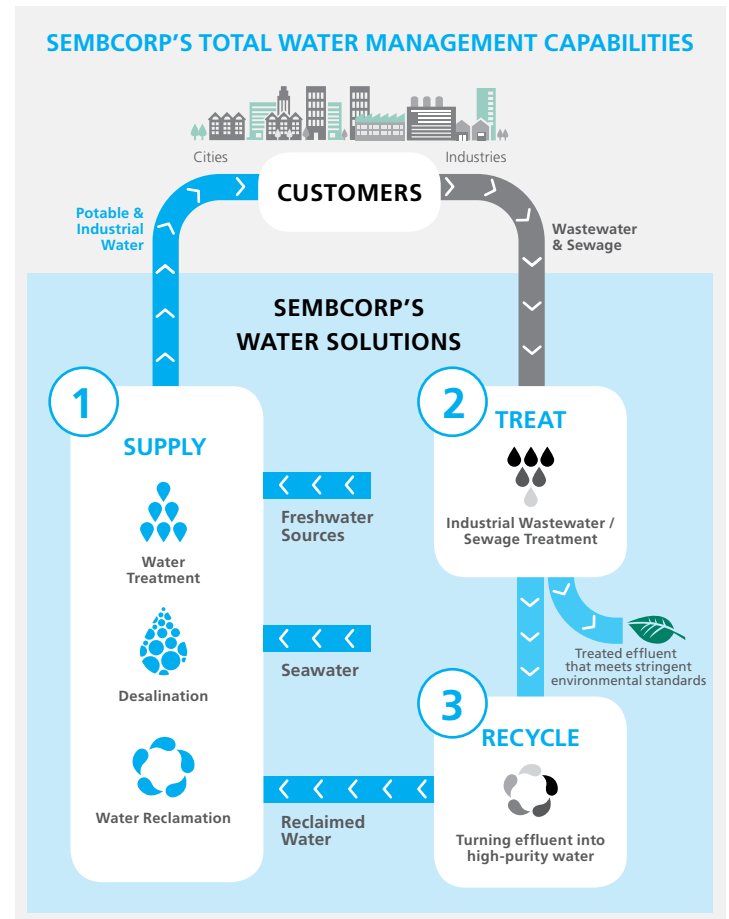
- Pre-treatment plants
- Balance of Plant water for power projects

### Operations & Maintenance Services

- Water management for power, petrochemical and other high water-use industries

## Meeting Stringent Environmental Standards and Conserving Water Resources

Ability to integrate water supply, wastewater treatment and water reclamation into a “closed loop” – minimises liquid discharge and conserves water supplies.

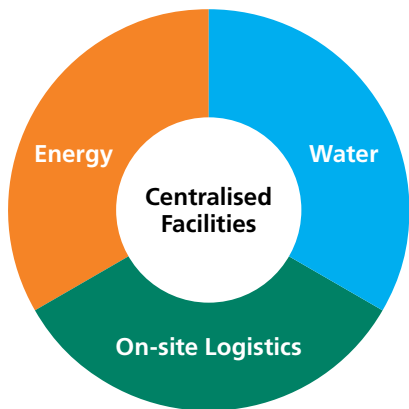


COD: chemical oxygen demand; EPC: Engineering, Procurement and Construction; m<sup>3</sup>/day: cubic metres per day; mg/L: milligrammes per litre

CENTRALISED UTILITIES

# Multi-utilities Solutions for Industrial Clusters

Provision of multi-utilities to energy intensive industrial clusters, such as petrochemical and chemical hubs. Leading market positions in Singapore and China.



**ENERGY**

- Power generation and retail
- Process steam production and supply
- Natural gas import, supply and retail

**WATER**

- Wastewater treatment
- Reclaimed water
- Desalinated water
- Potable water
- Water for industrial use, including demineralised water, industrial water, raw water, chilled water, cooling water, seawater cooling and firewater

**ON-SITE LOGISTICS**

- Service corridor
- Hazardous waste incineration
- Chemical storage
- Asset protection

## Centralised Utilities Operating Locations

**Jurong Island, Singapore**  
Operating since 1997



**1 SAKRA**

- Multi-utilities facilities
- Natural gas receiving terminal
- Cogeneration power plant
- Very High Pressure boiler
- Membrane bioreactor wastewater treatment plant
- Woodchip boiler
- Energy-from-Waste facility

**2 SERAYA**

- High Grade Industrial Water and chemical waste incineration facilities
- Boilers

**3 BANYAN**

- Industrial wastewater treatment plant
- Multi-utilities facilities
- Cogeneration power plant

## Leading Chemical and Petrochemical Parks, China

Operating since 2005



**OPERATING IN 9 INDUSTRIAL SITES**

- |                                     |  |  |
|-------------------------------------|--|--|
| 1 Shanghai Chemical Industrial Park | 4 Lianyungang Lingang Chemical Industrial Park | 7 Tianjin Harbour Economic Area                          |
| 2 Nanjing Chemical Industrial Park  | 5 Qidong Lvsi Port Economic Development Zone   | 8 Jingmen Chemical Industrial Park                       |
| 3 Zhangjiagang Free Trade Port Zone | 6 Wangqiao Industrial Park (Changzhi)          | 9 Qinzhou Port Economic & Technological Development Zone |

**OUR CAPABILITIES WORLDWIDE**
**Energy**

Capacity by Fuel

Location	Thermal		Renewable & EfW			Total
	Gas	Coal	Wind	Solar	EfW*	
<b>POWER (MW)</b>						
<b>Singapore</b>						<b>1,225</b>
Sembcorp Cogen (Sakra)	815					
Sembcorp Cogen (Banyan)	404					
Sembcorp Renewables				6		
<b>Myanmar</b>						<b>230</b>
Myingyan IPP	230					
<b>Vietnam</b>						<b>746</b>
Phu My 3	746					
<b>China</b>						<b>3,056</b>
Shanghai Cao Jing	691					
Chongqing Songzao Sembcorp		1,620				
Guohua Sembcorp			745			
<b>India</b>						<b>3,611</b>
Thermal Powertech Corporation India		1,320				
Sembcorp Gayatri Power		1,320				
Sembcorp Green Infra			936	35		
<b>Bangladesh</b>						<b>427</b>
Sirajganj Unit 4	427					
<b>Oman</b>						<b>508</b>
Salalah IWPP	508					
<b>UAE</b>						<b>893</b>
Fujairah 1 IWPP	893					
<b>UK</b>						<b>220</b>
Wilton Power Station	135					
Sembcorp Biomass					35	
Wilton 11 EfW					50	
<b>TOTAL (MW)</b>	<b>4,849</b>	<b>4,260</b>	<b>1,681</b>	<b>41</b>	<b>85</b>	<b>10,916</b>

Capacity by Fuel

Location	Thermal		Renewable & EfW			Total
	Gas	Coal	Wind	Solar	EfW*	
<b>STEAM (tph)</b>						
Singapore	2,484				200	<b>2,684</b>
China	1,058	260				<b>1,318</b>
UK	400				130	<b>530</b>
<b>TOTAL (tph)</b>	<b>3,942</b>	<b>260</b>			<b>330</b>	<b>4,532</b>

**NATURAL GAS IMPORTATION**

Singapore	431 Bbtud
-----------	-----------

**On-site Logistics**

Location	Service Corridor Network
Singapore	25 kilometres
UK	30 kilometres

**Solid Waste Management**

Location / Services	Collection per year
<b>Singapore</b>	
Waste collection	Approx 1 million tonnes
Recyclables collection	Approx 300,000 tonnes

\* Includes biomass

**Bbtud**: billion British thermal units per day; **EfW**: energy-from-waste; **IPP**: Independent Power Plant; **IWPP**: Independent Water and Power Plant; **MW**: megawatts; **tph**: tonnes per hour

Note: Capacity refers to total gross installed capacity of facilities in operation and under development.

**OUR CAPABILITIES WORLDWIDE**
**Water**

Location	Industrial Water	Industrial Wastewater Treatment	Desalinated Water	Reclaimed Water	Total
<b>INDUSTRIAL, DESALINATION AND RECLAMATION (m<sup>3</sup>/day)</b>					
<b>Singapore</b>					<b>4,768,872</b>
Jurong Island	4,484,552	16,320		40,000	
Changi				228,000	
<b>China</b>					<b>1,791,520</b>
Shanghai	37,680				
Nanjing	240,000	48,000			
Zhangjiagang		36,200		24,000	
Lianyungang		20,000			
Qidong		10,000			
Changzhi	1,267,200	35,040		38,400	
Tianjin		10,000			
Jingmen		10,000			
Qinzhou		15,000			
<b>Oman</b>					<b>73,212</b>
Salalah			73,212		
<b>UAE</b>					<b>503,900</b>
Fujairah			503,900		
<b>UK</b>					<b>241,400</b>
Teesside	241,400				
<b>Chile</b>					<b>10,370</b>
La Negra	10,370*				
<b>TOTAL (m<sup>3</sup>/day)</b>	<b>6,281,202</b>	<b>200,560</b>	<b>577,112</b>	<b>330,400</b>	<b>7,389,274</b>

Location	Municipal Water	Sewage Treatment	Total
<b>MUNICIPAL (m<sup>3</sup>/day)</b>			
<b>China</b>			<b>515,000</b>
Shenyang	160,000		
Xinmin	50,000		
Qitaihe	100,000		
Yanjiao	80,000		
Fuzhou	125,000		
<b>Indonesia</b>			<b>331,774</b>
Batam Island	311,904		
Talang Kelapa	19,870		
<b>Philippines</b>			<b>97,161</b>
Subic Bay	86,961	10,200	
<b>South Africa</b>			<b>223,900</b>
Ballito	30,750	3,600	
Mbombela (Nelspruit)	145,400	44,150	
<b>Chile</b>			<b>188,443</b>
Antofagasta		73,000	
Santiago	79,443	36,000	
<b>Panama</b>			<b>75,700</b>
Lake Gatun	75,700		
<b>TOTAL (m<sup>3</sup>/day)</b>	<b>1,265,028</b>	<b>166,950</b>	<b>1,431,978</b>
<b>TOTAL WATER CAPACITY (m<sup>3</sup>/day)</b>			<b>8,821,252</b>

\* Includes treated effluent

m<sup>3</sup>/day: cubic metres per day

Note: Capacity refers to total gross installed capacity of facilities in operation and under development.

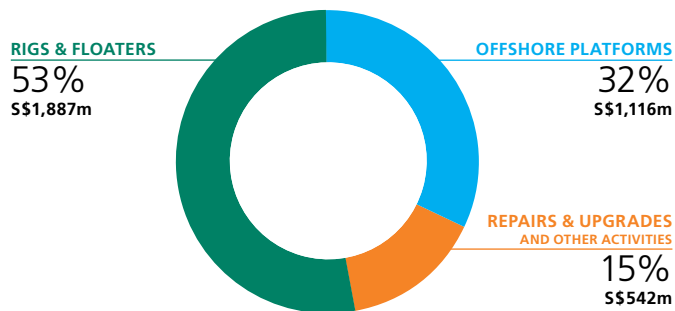
# A global industry leader providing a full spectrum of innovative offshore & marine engineering solutions

- Focused on four key capabilities: Rigs & Floaters; Repairs & Upgrades; Offshore Platforms and Specialised Shipbuilding
- Global network with yard facilities strategically located in Singapore, Indonesia, India, the UK and Brazil

## FY2016 KEY FIGURES

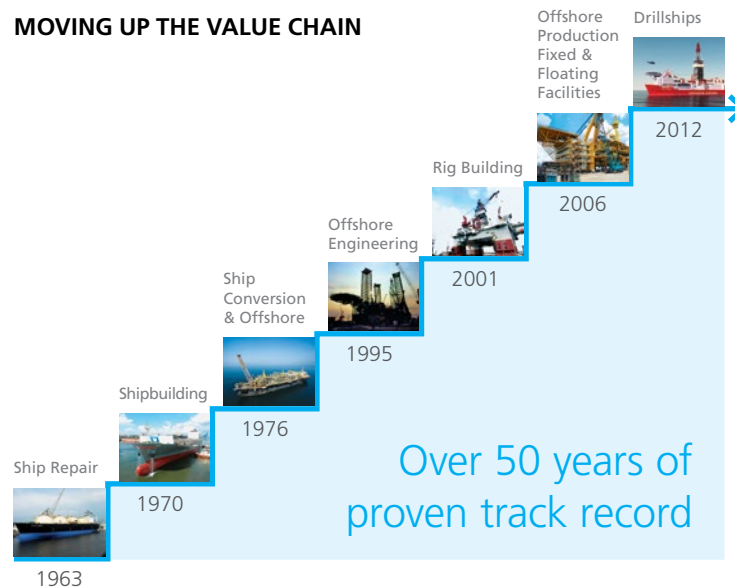
<b>Turnover</b> <b>S\$3.5bn</b> US\$2.5bn	<b>PFO</b> <b>S\$171m</b> US\$119m	<b>Net Profit</b> <b>S\$79m</b> US\$55m
---	--	---

## TURNOVER BY PRODUCT SEGMENT

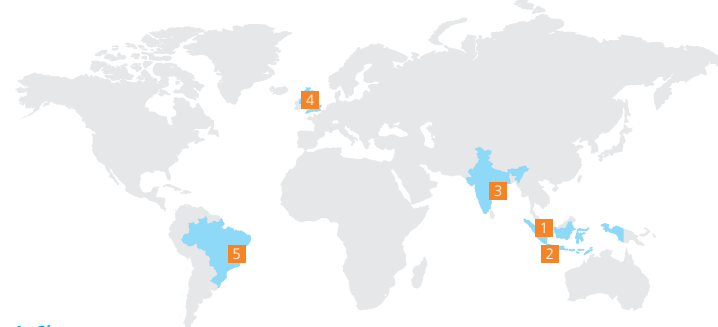


*bn:* billion; *m:* million; *Profit from Operations:* earnings before interest and tax (EBIT) + share of associates' and joint ventures' results (net of tax)  
Note: Figures taken at Sembcorp Marine level.

## MOVING UP THE VALUE CHAIN



## STRATEGIC GLOBAL NETWORK OF YARDS



### 1 Singapore

Tuas Boulevard Yard (1,850,000dwt with an additional 255m x 110m x -12m drydock for offshore structures, 107.8ha)  
Admiralty Yard (775,000dwt, 87ha)  
Tanjong Kling Yard (700,000dwt, 49ha)  
Benoi Yard (17,500dwt, 6ha)  
Tuas Road Yard (4,500dwt, 6ha)  
Pandian Yard (14ha)  
Tuas Crescent Yard (6ha)

### 2 Indonesia

PT SMOE Indonesia (85ha)  
PT Karimun Sembawang Shipyard (31ha)

### 3 India

Sembmarine Kakinada (31 acres)

### 4 UK

Sembmarine SLP (55,000sqm)

### 5 Brazil

Estaleiro Jurong Aracruz (82.5ha)

*dwt:* deadweight tonnes; *ha:* hectares; *sqm:* square metres

## Diversified Product Capabilities

### Rigs & Floaters

#### Drilling units

Jack-ups, Semi-submersibles, Drillships



#### Floating production facilities

FPSOs, FDPSOs, FSOs, FPU, FLNGs, FSRUs



### Offshore Platforms

Integrated and process platforms; Production, riser and drilling platforms, etc



### Specialised Shipbuilding

Design and construction of high-performance, specialised vessels



### Repairs & Upgrades

Underpinned by long-term strategic alliances and regular customers

Niche market segments such as:



#### LNG Carriers



#### Cruise Ships

## Technology Solutions



#### Gravifloat

#### Proprietary modularised LNG, LNG-to-Power and LPG terminals

Re-deployable, gravity-based modularised terminals for installation in shallow waters



#### Aragon

#### Process solutions and services for offshore oil and gas industry

Tailored solutions for the worldwide FPSO market



#### LMG Marin

#### Advanced naval architectural, ship design and engineering solutions

Extensive design and engineering portfolio spans floating structures, platforms and a wide variety of ship types



#### SSP Floater Technology

#### Proprietary next-generation circular hull forms

Applications include deepwater drilling, production & storage, logistics hub applications



# A Next-Generation Fully Integrated Offshore & Marine Engineering Hub

Singapore

## Sembcorp Marine Tuas Boulevard Yard



**Total drydock capacity of 1,850,000dwt with a 255m by 110m by (-12m) offshore drydock**

### Drydocks

- 1 350m x 66m x (-8.5m)
- 2 360m x 89m x (-8.5m)
- 3 412m x 66m x (-11m)
- 4 350m x 66m x (-8.5m)
- 5 6 255m x 52m x (-8m)
- 7 255m x 110m x (-12m)

### 8 Steel Structure Fabrication Workshop

Offers a streamlined and extensively automated production process. The central kitchen for steel fabrication for all three phases of the yard, greatly improving efficiency

**Natural deep waters**

Enables installation of semi-submersible thrusters without towing the rig to sea

**Special reinforced load-out areas for offshore modules of up to 20,000 tonnes**

Enables direct lifting and deployment of topside modules onto hulls without requiring the hulls to be towed out to sea

**Three finger piers and a basin ranging from 210m to 400m with maximum draft from 9m to 15m**

Enables ultra-deepwater semi-submersibles and cruise ships to be berthed without restrictions

*dwt*: deadweight tonnes; *m*: metres

A leading Asian developer with a strong track record in transforming raw land into sustainable urban developments, and delivering the economic engine for growth

- Significant land bank of integrated urban developments comprising industrial parks as well as business, commercial and residential space in Vietnam, China and Indonesia
- A valued partner to governments, with the ability to deliver the economic engine to support industrialisation and urbanisation by attracting local and international investments

**Delivering the Economic Engine to Support Industrialisation & Urbanisation**



**13 projects**  
in Vietnam, China and Indonesia



**895 customers**  
comprising MNCs and leading local enterprises



**US\$23bn**  
in direct investments attracted to our integrated developments



Enhancing value through selective commercial and residential developments

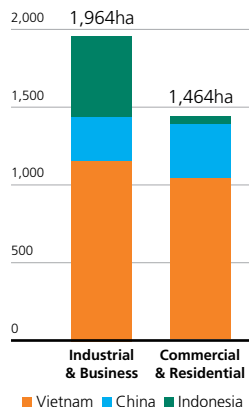
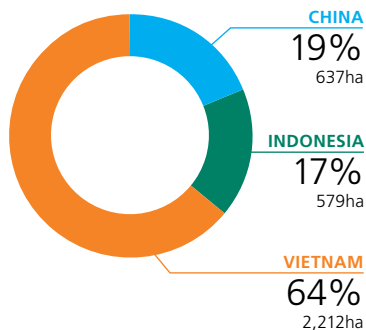
**FY2016 KEY FIGURES**

Gross Project Size  
**10,940ha**

Saleable Land Taken-up\*  
**40%**

Remaining Saleable Land\*  
**3,428ha**

**REMAINING SALEABLE LAND\***  
(by Country and by Product Segment)



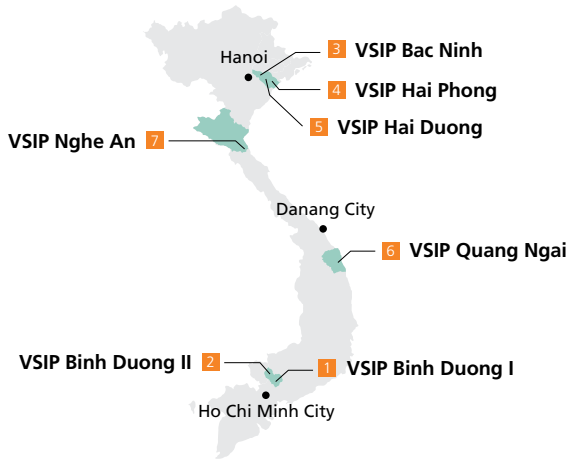
\* Numbers are based on current planned estimates and exclude projects under Gallant Venture

bn: billion; ha: hectares



VIETNAM

VSIP: a brand name in integrated townships & industrial parks in Vietnam



VSIP Binh Duong Integrated Township & Industrial Park



1. VSIP Binh Duong I

**LOCATION**  
Thuan An District, Binh Duong Province

**ACCESSIBILITY**  
17km from Ho Chi Minh City;  
15km from Tan Son Nhat International Airport;  
16km from New Port

GROSS PROJECT SIZE	CUSTOMERS
500ha	239



2. VSIP Binh Duong II

**LOCATION**  
New Binh Duong Township, Binh Duong Province

**ACCESSIBILITY**  
32km from Ho Chi Minh City;  
30km from Tan Son Nhat International Airport;  
31km from New Port

GROSS PROJECT SIZE	CUSTOMERS
2,045ha	290

3. VSIP Bac Ninh Integrated Township & Industrial Park



**LOCATION**  
Bac Ninh Province

**ACCESSIBILITY**  
20km from Hanoi;  
40km from Noi Bai International Airport;  
120km from Hai Phong Port

GROSS PROJECT SIZE	CUSTOMERS
700ha	79

4. VSIP Hai Phong Integrated Township & Industrial Park



**LOCATION**  
Hai Phong City

**ACCESSIBILITY**  
15km from Cat Bi Domestic Airport;  
16km from Hai Phong Port;  
1 hour from Halong Bay UNESCO World Heritage Site

GROSS PROJECT SIZE	CUSTOMERS
1,600ha	36

5. VSIP Hai Duong

**LOCATION**  
Hai Duong Province

**ACCESSIBILITY**  
Located between VSIP Bac Ninh & VSIP Hai Phong along the QL5 highway

GROSS PROJECT SIZE	CUSTOMERS
150ha	3

6. VSIP Quang Ngai Integrated Township & Industrial Park



**LOCATION**  
Quang Ngai Province

**ACCESSIBILITY**  
30km from Chu Lai Airport;  
22km from Dung Quat Port;  
127km from Danang City

GROSS PROJECT SIZE	CUSTOMERS
915ha	14

7. VSIP Nghe An Integrated Township & Industrial Park



**LOCATION**  
Nghe An Province

**ACCESSIBILITY**  
4km from Vinh Airport;  
60km from Laos Border;  
288km from Hanoi;  
15km from Cua Lo Port

GROSS PROJECT SIZE	CUSTOMERS
750ha	5

Commercial & Residential Development

The Habitat Binh Duong

Residential project

**LOCATION**  
VSIP Binh Duong I

**GROSS FLOOR AREA**  
24,595sqm (Phase 1)

**COMPLETION**  
2017

CHINA

Masterplanned work-live-play urban developments located in metropolitan areas



1. Singapore-Sichuan Hi-tech Innovation Park



**LOCATION**  
Chengdu, Sichuan Province

**ACCESSIBILITY**  
Located in the Tianfu New City, within the Chengdu Hi-tech Zone; 15km from Chengdu Shuangliu International Airport

GROSS PROJECT SIZE	CUSTOMERS
1,000ha	20

2. Wuxi-Singapore Industrial Park



**LOCATION**  
Wuxi New District, Jiangsu Province

**ACCESSIBILITY**  
14km from Sunan Shuofang International Airport; 30 minutes to Shanghai by high-speed rail

GROSS PROJECT SIZE	CUSTOMERS
330ha	83

**OTHER DEVELOPMENTS**  
Sino-Singapore Solar City: 400ha gross land area (40ha owned by Wuxi-Singapore Industrial Park)

3. Sino-Singapore Nanjing Eco Hi-tech Island (SNEI)



**LOCATION**  
Jiangxinzhou, Jiangsu Province

**ACCESSIBILITY**  
6km from Nanjing City Centre; 75 minutes from Nanjing to Shanghai by high-speed rail

GROSS PROJECT SIZE	CUSTOMERS
1,500ha	18

Mixed Development Projects on SNEI

New One North



Business Park

Positioned for ICT, eco & environmental protection, and modern services

**GROSS FLOOR AREA**  
67,097sqm

**COMPLETION**  
2019



Jiangdao Technology Innovation Centre

Exhibition centre-cum-office building

**GROSS FLOOR AREA**  
23,490sqm



Jiangdao Xin Tiandi

Waterfront commercial complex

**GROSS FLOOR AREA**  
39,165sqm



Island Residences

Residential project

**GROSS FLOOR AREA**  
34,243sqm

**COMPLETION**  
2018

ha: hectares; km: kilometres; sqm: square metres; ICT: Information and communications technology

## CHINA

### Mixed Development Projects on SNEI



The Nanjing International Water Hub is an international technology platform for water technology companies to commercialise new technologies for the Chinese market. The hub also helps Chinese water technology companies to make outbound investments into the international water markets.

*The water hub is envisioned to be a centre of excellence that brings together leading technology, innovative R&D, engineering and commercial initiatives from across the international water industry.*

### Nanjing International Water Hub

GROSS FLOOR AREA  
34,183sqm

COMPLETION  
2018

*Developed and wholly-owned by Sembcorp Properties*



### Riverside Grandeur

Residential project comprising 11 blocks

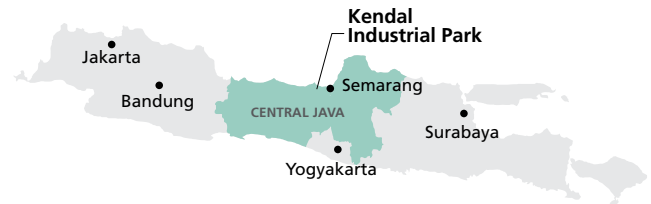
GROSS FLOOR AREA  
41,779sqm

COMPLETION  
2018

## INDONESIA

### A cost-competitive alternative to Greater Jakarta as a manufacturing location

Java



### Kendal Industrial Park



#### LOCATION

Kendal Regency, Central Java

#### ACCESSIBILITY

25km from Semarang City;  
19km from Ahmad Yani International Airport;  
27km from Port of Tanjung Emas

GROSS PROJECT SIZE CUSTOMERS  
860ha (Phase 1) 8

### Gallant Venture

Sembcorp is a shareholder of Gallant Venture, which is listed on the Singapore Exchange. Sembcorp pioneered the developments of the 320-ha Batamindo Industrial Park and the 270-ha Bintan Industrial Estate.



## Green Solutions

Sembcorp actively invests in green business lines. Using our integrated group strength, we apply proven technologies to produce energy in greener ways, create innovative solutions for clean, sustainable water and help manage resources through the treatment and recovery of recyclables from waste. In this way, we not only do our part to limit the impact of our activities on the environment while staying competitive, but also help our customers do the same.

### Energy Efficiency and Renewables High efficiency, low emissions

We are focused on facilities that have high efficiency and low emissions. Our power generation facilities are also able to run on a diverse range of fuels including renewable sources.

Our capabilities include:

- Cogeneration / combined heat and power generation
- Combined power and desalination
- Renewable energy as well as energy-from-waste

### Total Water and Wastewater Treatment Solutions Minimise discharge, conserve water resources

We use innovative, energy-efficient and environmentally-friendly technologies to provide total water and wastewater treatment solutions that help our customers in industrial sites and cities comply with discharge regulations and limit their environmental impact. Our ability to integrate wastewater treatment, water reclamation and water supply into a “closed-loop” minimises liquid discharge, conserves water supplies and exemplifies our focus on conserving water resources and protecting the environment.

### Waste-to-Resource Recover resources, minimise waste

We provide integrated environmental management services with a strong focus on waste-to-resource. This approach aims to minimise waste and its environmental impact, and recover valuable resources from it such as recyclables and waste-derived fuel.

## Utilities

### Sembcorp Utilities Pte Ltd

Tel: (65) 6723 3113

Fax: (65) 6822 3254

Email: [utilities@sembcorp.com](mailto:utilities@sembcorp.com)

## Marine

### Sembcorp Marine Ltd

Tel: (65) 6265 1766

Fax: (65) 6261 0738

Email: [investor.relations@sembmarine.com](mailto:investor.relations@sembmarine.com)

## Urban Development

### Sembcorp Development Ltd

Tel: (65) 6723 3900

Fax: (65) 6723 3901

Email: [development@sembcorp.com](mailto:development@sembcorp.com)

## Others

### Sembcorp Design and Construction Pte Ltd

Tel: (65) 6305 2788

Fax: (65) 6905 2799

[www.sembcorpdc.com](http://www.sembcorpdc.com)

### Singapore Mint Pte Ltd

*A division of Singapore Precision Industries*

Tel: (65) 6566 2626

Fax: (65) 6565 2626 / 6567 2626

[www.singaporemint.com](http://www.singaporemint.com)