

Hitz

Hitachi Zosen Corporation

Our Desalination Plant Business

1. Company Profile

2. Desalination Plant Business

1.1 Company Profile

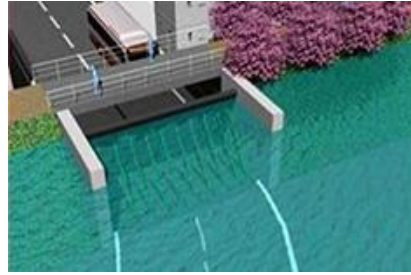
Hitachi Zosen Corporation

Foundation Year: 1881

Head Offices: Osaka, Tokyo



Shield Tunneling Machines



Disaster Prevention System



Waste to Energy Plants



Process/Nuclear Equipment



Press Machines



Desalination Plants



Electro Chlorination System



Marine Diesel Engines with SCR System



Water Treatment Plants

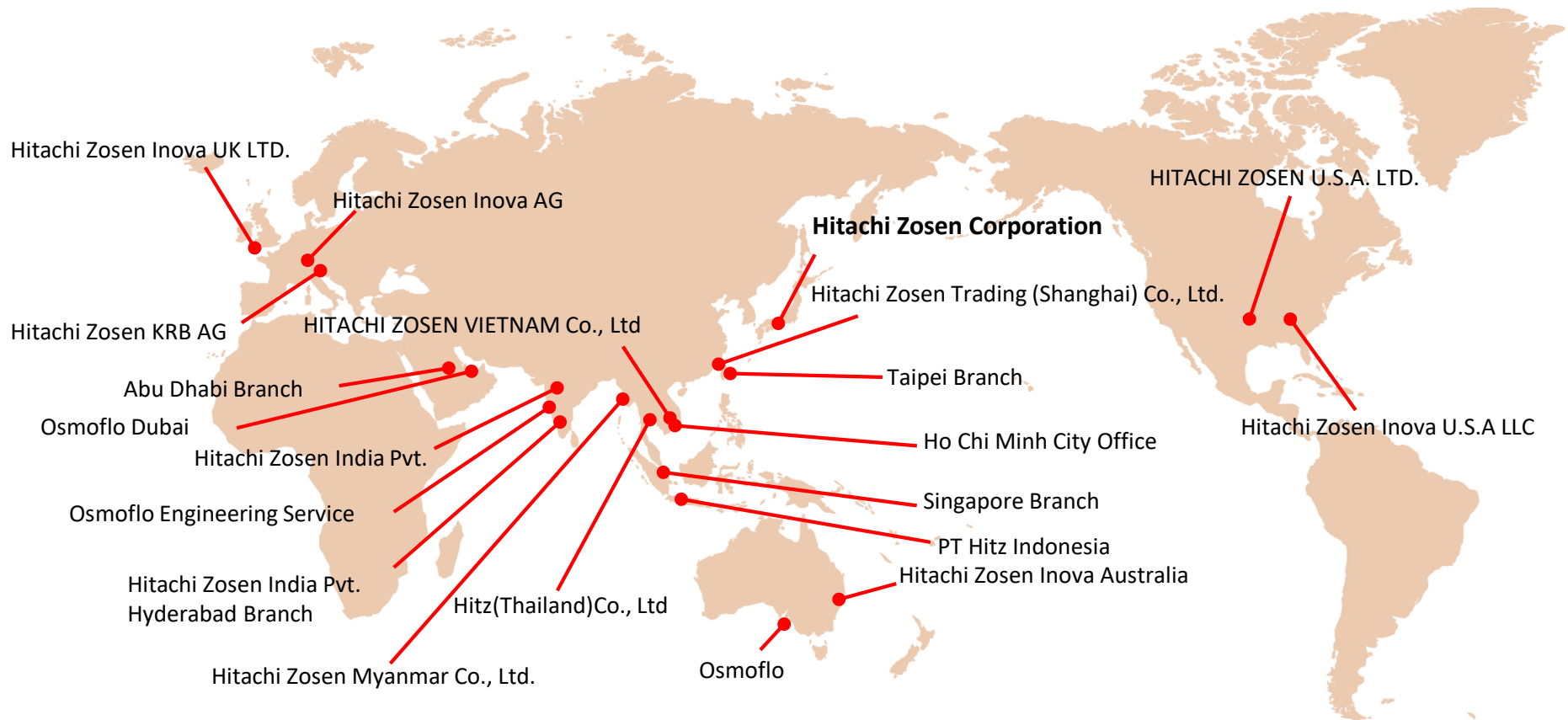
1.2 Global Network

Japan

- Head offices
- Domestic offices
- Works locations

Overseas

- Overseas offices
- Subsidiaries
- Affiliates



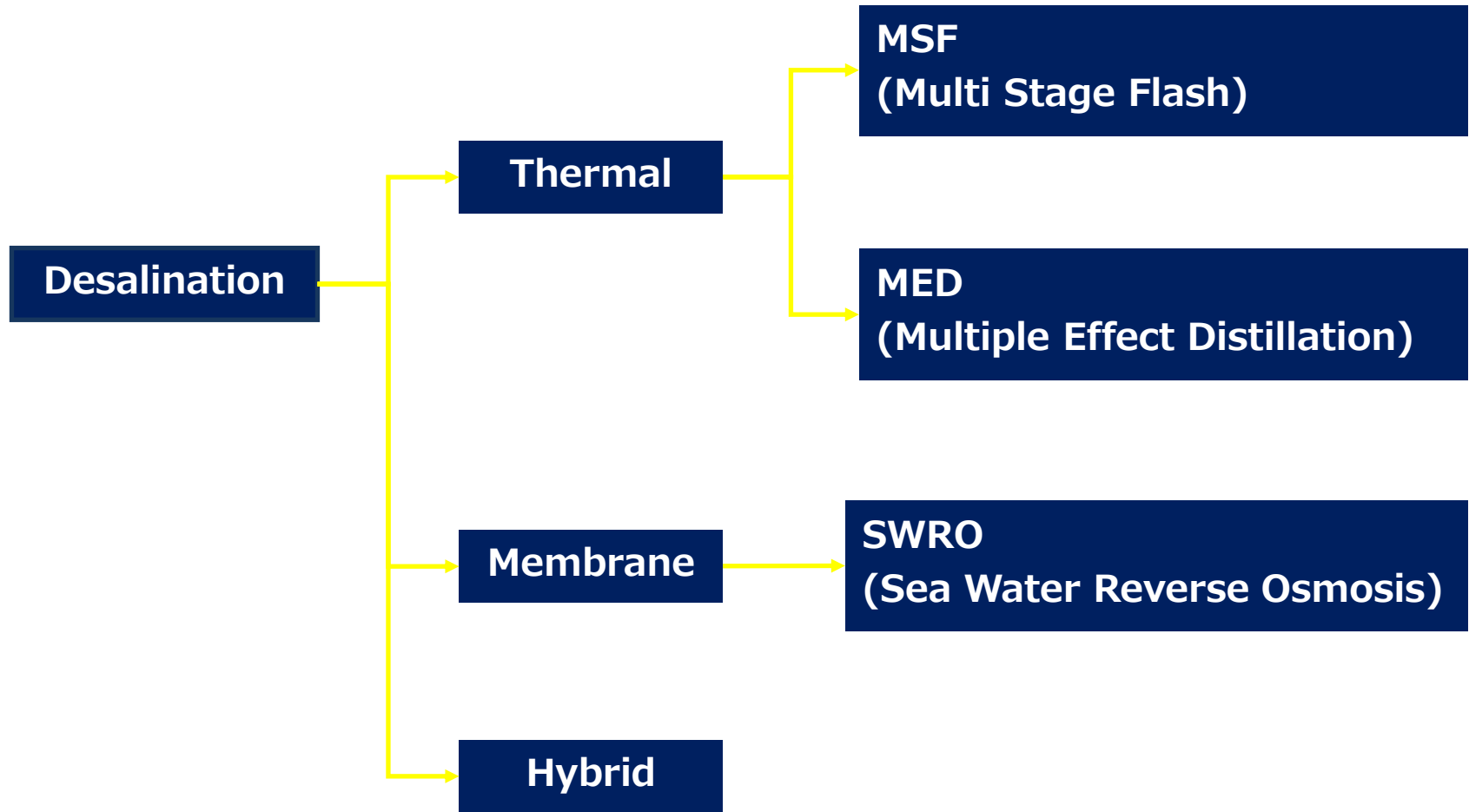
as of March, 2021



1. Company Profile

2. Desalination Plant Business

2.1 Desalination Technology



2.2 Desalination Experience

45 Projects Completed
in Middle East and Asia

MSF(Multi Stage Flash)

RO(Reverse Osmosis)

 **17** Project
(49 Units)

 **19** Project
(35 Units)

MED(Multi Effect Distillation)

 **9** Project
(9 Units)



2.3 Project (UHP Project)



Qatar: MSF 347,770 m³/d(2018) + RO 272,760 m³/d(2017)

2.4 Osmoflo Holdings Pty Ltd

- ❑ Hitachi Zosen's **100 %** subsidiary
- ❑ **No.1 RO Desalination** and Water Recycling company in Australia
- ❑ **Global Experiences** in Australia, South East Asia, Middle East, Africa, Chile and so on.
- ❑ Designed and delivered **over 490 projects** and Provided O&M service to **over 100 plants** since 1991.

Hitz

Hitachi Zosen Corporation

Project Management
Global Network



OSMOFLO

RO Know-how



Oman Barka IWP Extension: RO 56,775m³/d

2.5 O&M

On-site



- ❑ Delivery of **timely** technical support
- ❑ By highly trained technicians
- ❑ **With 30 years** experience

PlantConnect

- ❑ **24 hours** remote monitoring and control
- ❑ **Customized approach** to suit clients' needs
- ❑ Optimize the plant operation



2.6 Emergency Water Service

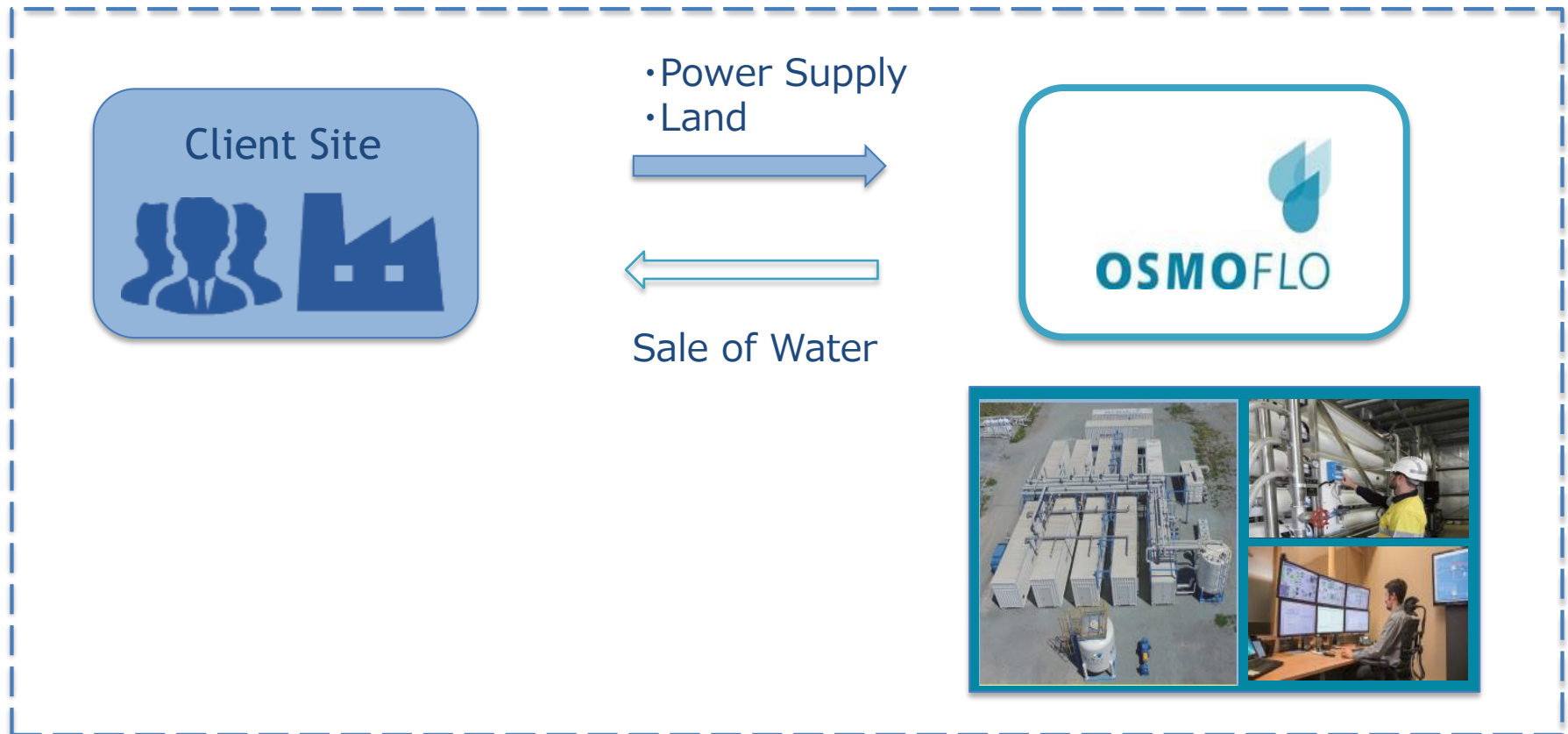


- ❑ Rental RO plants up to **500 - 20,000 m³/d** if a site needs water urgently or temporarily
- ❑ All systems can be **customized and containerized** for the client requirement.
- ❑ **Easy and Quick** delivery and installation of the plants to the site

2.7 BOO scheme

BOO water service by Hitz/Osmoflo

- ◆ **No** initial investment for Client ⇒ Osmoflo finances, own, operate plants
- ◆ **Monthly payment** on Fixed Tariff (\$/m³) basis
- ◆ **Reliable water** supply by Osmoflo's O&M





Technology for People, the Earth, and the Future

Hitachi Zosen creates links between mother nature and our future

Hitachi Zosen Corporation

<http://www.hitachizosen.co.jp/english/>