



ON YOUR SIDE

Smart Water for inclusive Cities

Atsuya Baba
Kubota Corporation
10/11/2025



Revenue

¥**3,016.3** billion

Group Companies

214

Overseas Group Companies

155 companies

Business Footprint

120 +countries

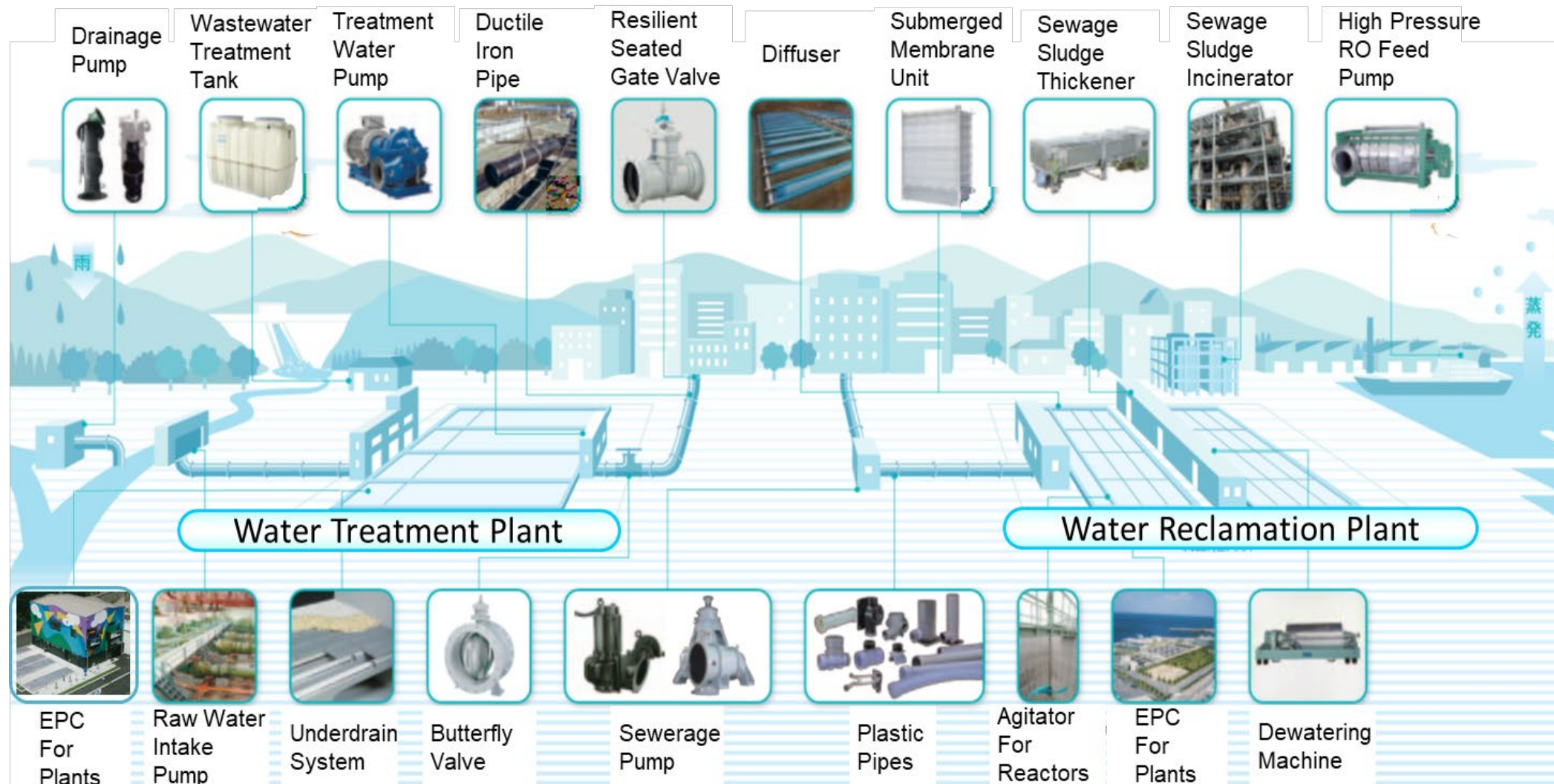
Overseas Revenue Ratio

79%

Consolidated Employee

52,094

(as of December 31, 2024)



Challenges in Asia

Population Concentration

Aging Infrastructure

Heavy Rain Disasters

Water Shortages

In the context of an Inclusive Smart City, Water Treatment and Disaster prevention are the most fundamental Infrastructures

MBR

Drainage Pump Vehicle

Sustainable treatment and reuse of domestic wastewater
e.g. park irrigation, industrial water

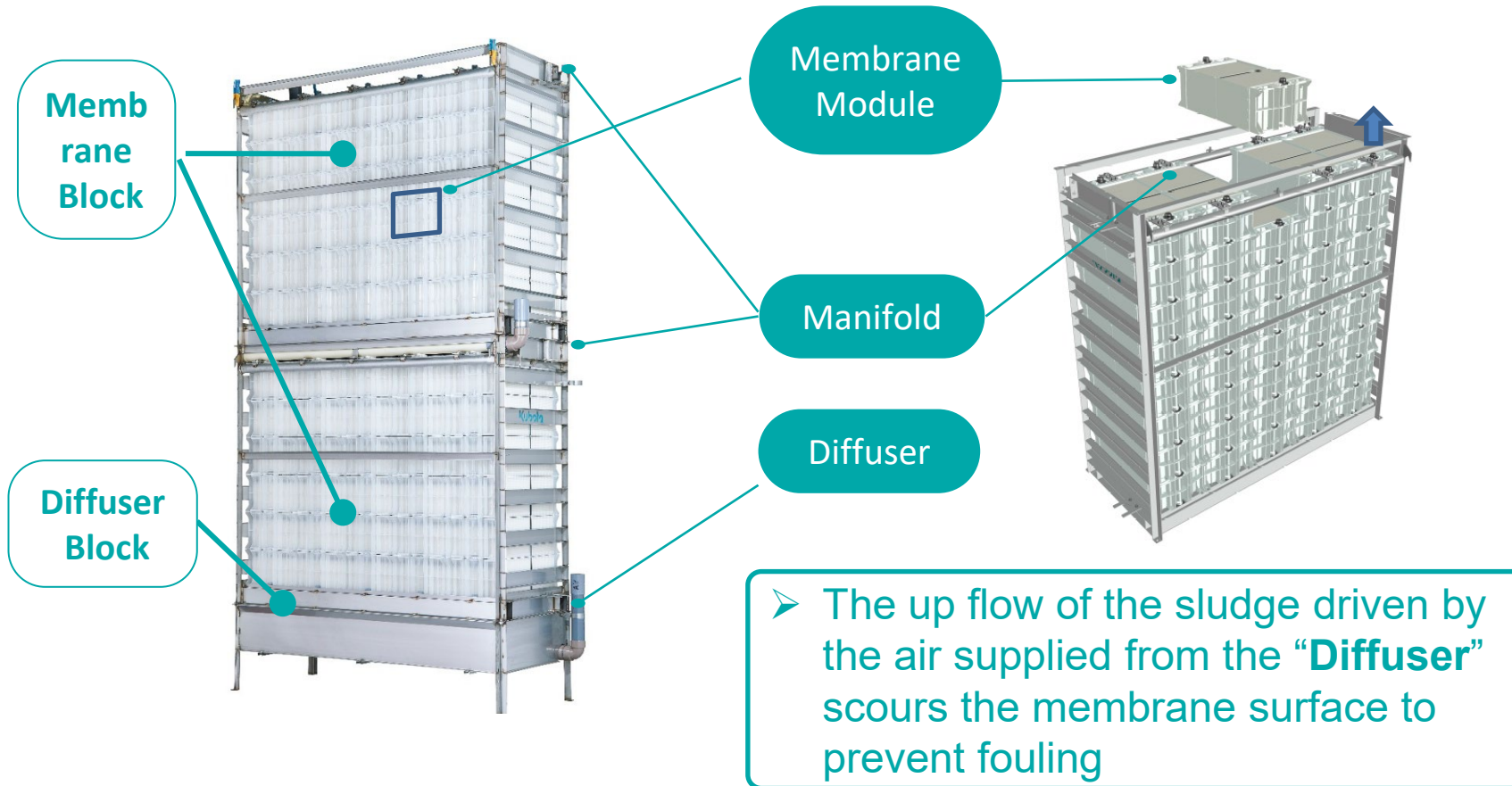
Rapid drainage during disasters and early restoration of urban activities

Kubota MBR: Reuse, Small Footprint, Easy O&M

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Kubota

KUBOTA MBR System is an advanced technology, a combination of Conventional Activated Sludge process and Kubota Submerged Membrane Unit

- **Small Tank, NO Clarifier = Space Saving**
- **Membrane Separation = Cleaner Permeate**
- **Simple Configuration = Easy Upgrade, O&M**



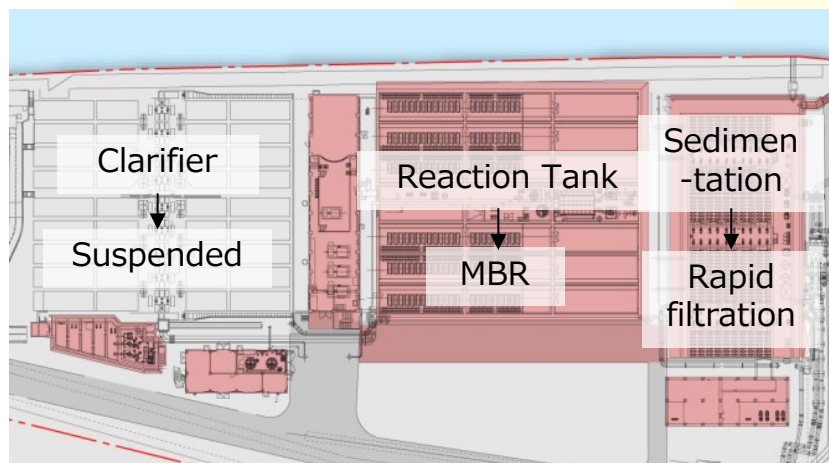
Advantages of Kubota MBR System

- 1. High effluent quality**
◆Complies with strict regulations
- 2. Small footprint**
◆CAPEX & Space saving
◆Effective use of land
- 3. Easy & simple O&M**
◆Reduce O&M Cost
- 4. Easy retrofit / upgrade**
◆Increase of WWTP capacity
- 5. Direct feed to RO**
◆CAPEX&OPEX saving by eliminating UF process
- 6. Energy Saving**
◆Reduce O&M Cost

MBR in Action: Osaka Japan / Further improvement of Quality

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Process	Nitrification-denitrification (MLE) membrane bioreactor		
Capacity		Sunny	Rainy
	Rapid filtration	40,000m ³ /d	576,000m ³ /d
	MBR	40,000m ³ /d	96,000m ³ /d



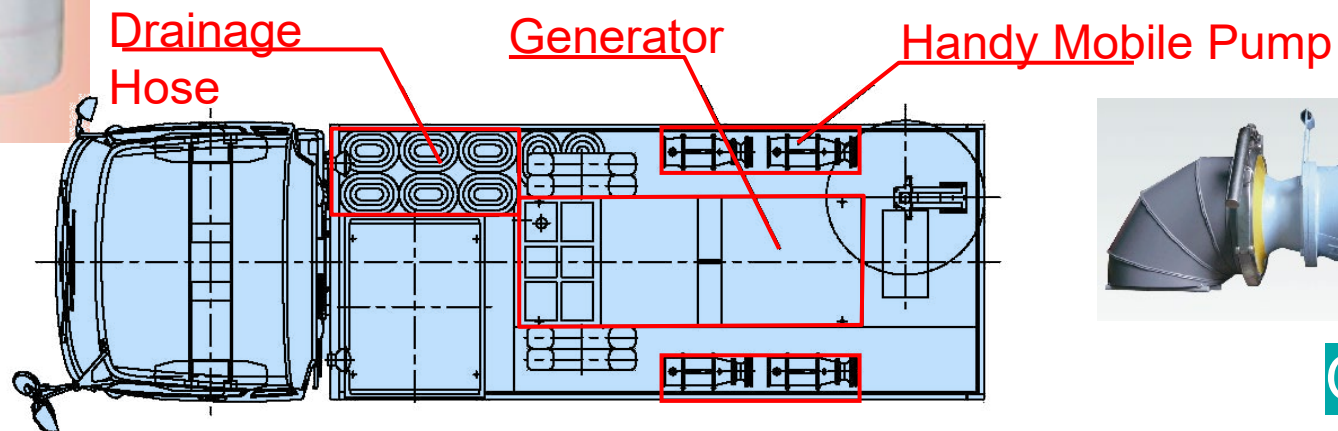
Take advantage of MBR effluent

- Contribute to the prosperity of waterfront
- Improve the brand power of Water Capital: Osaka

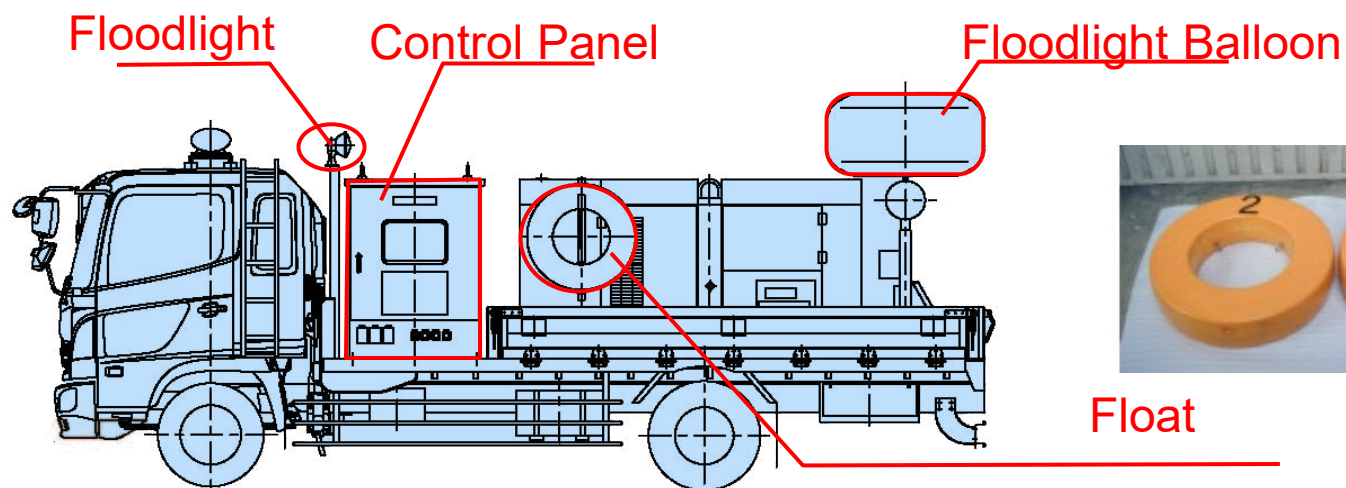
Less Ammonia
Less Odor
Small Footprint
Reuse

Drainage Pump Vehicle

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On Display Today

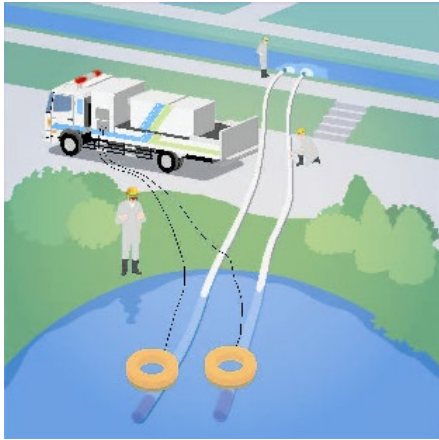


Float

Drainage Pump Vehicle

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Drainage of flooded water at inland



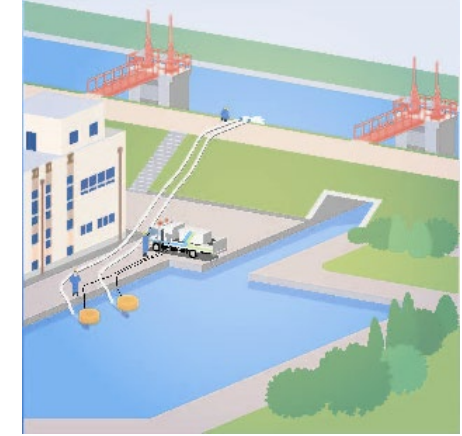
Drainage of flooded water at under-path



Drainage of flooded water at basement



Backup pumping station



References in Asia

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Indonesia



Supplied Year : 2005
Quantity : 11 Vehicles

Cambodia



Supplied Year : 2020
Quantity : 2 Vehicle

Thailand



10 numbers of Pump Vehicles
were dispatched for emergency
flood mitigation in 2011.



Supplied Year : 2014
Quantity : 10 Vehicles

2021

- Taiwan : 30m³/min x 1 Unit

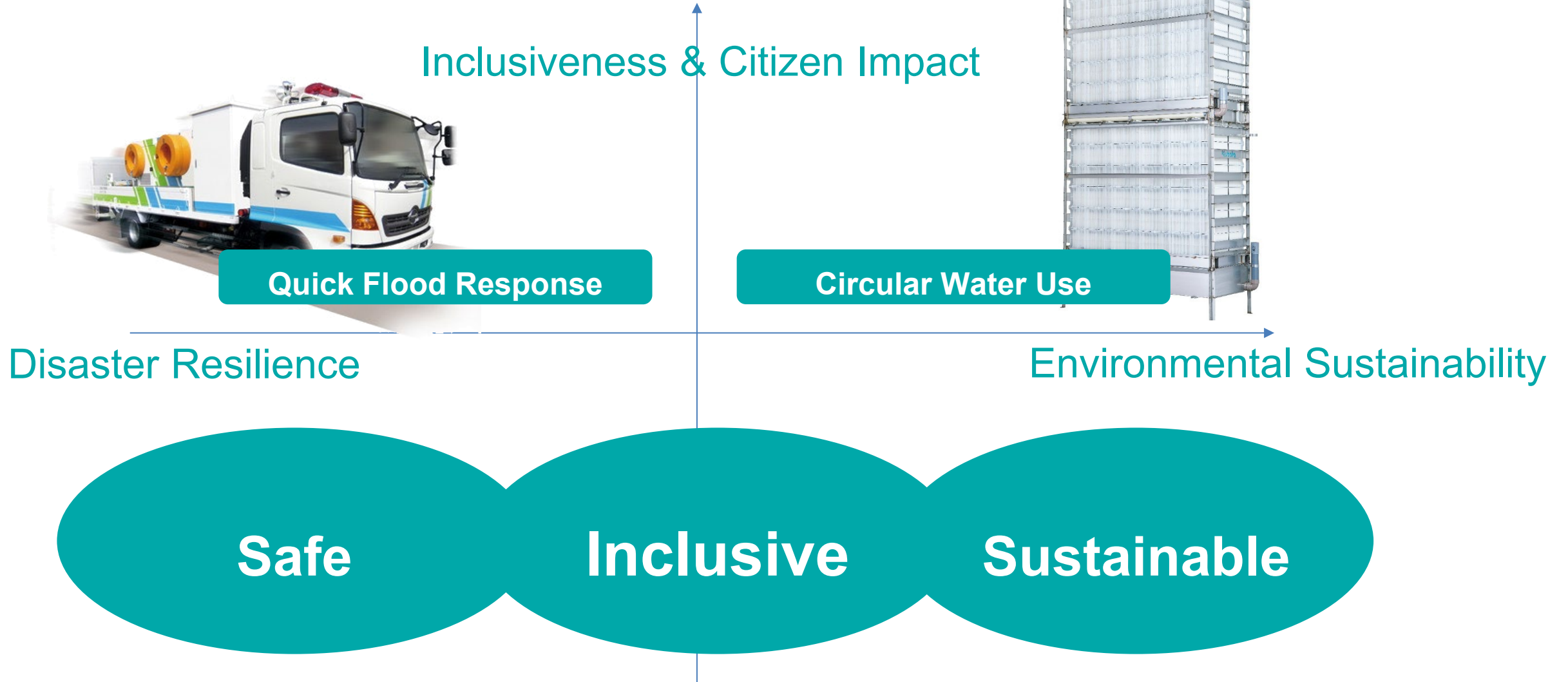
2023

- Pakistan : Package mini x 10 Unit
- East Timor : 30m³/min x 2Unit
- Philippines : 30m³/min x 6Unit
- Korea : 25m³/min x 2Unit

In Japan, the Ministry of
Land, Infrastructure,
Transport and Tourism owns
more than 370 Drainage
Pump Vehicles and uses
them to recover from floods.

Smart Water Partnership for Inclusive Growth

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Thank you