



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

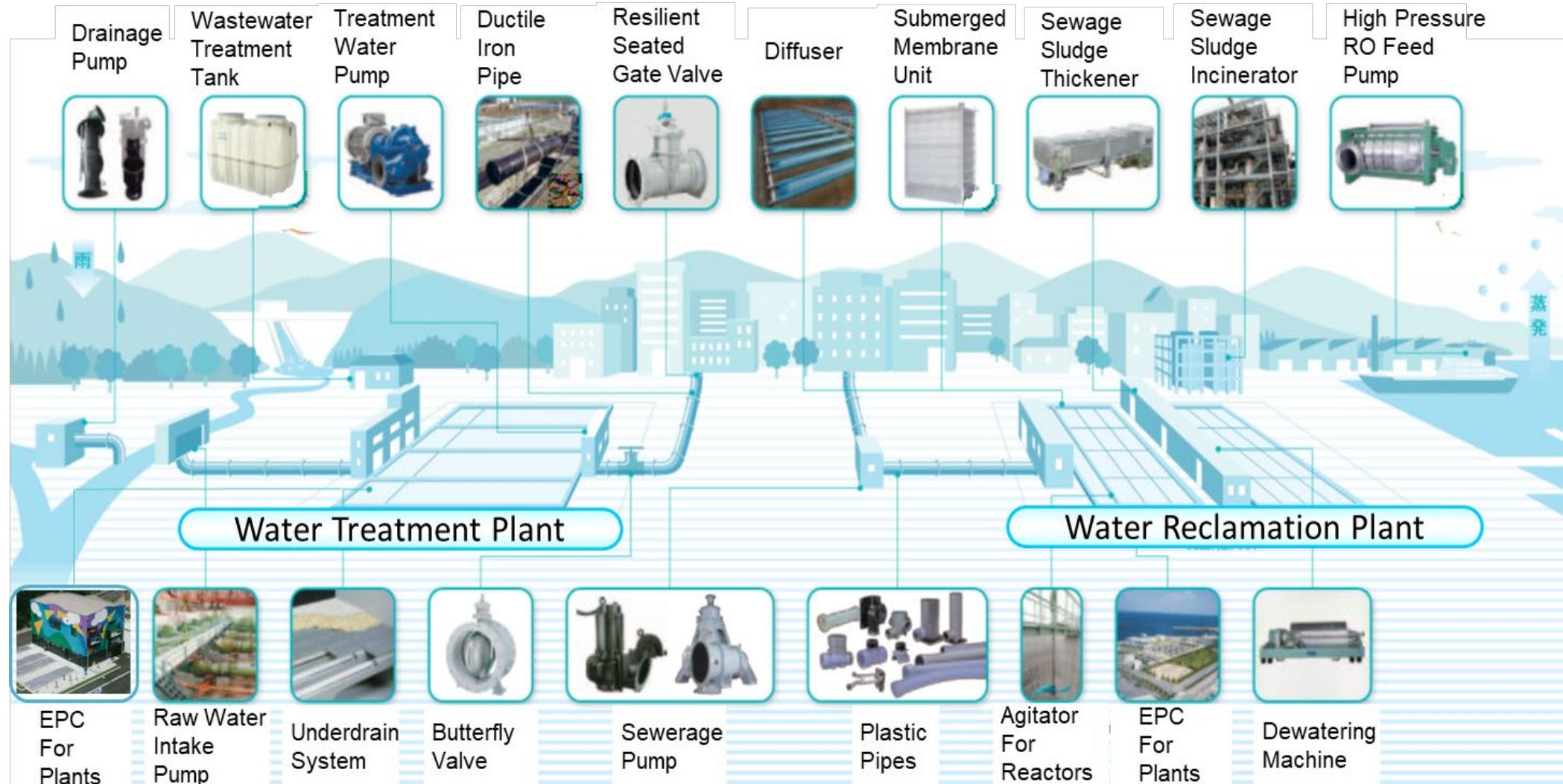
Overseas Revenue Ratio

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

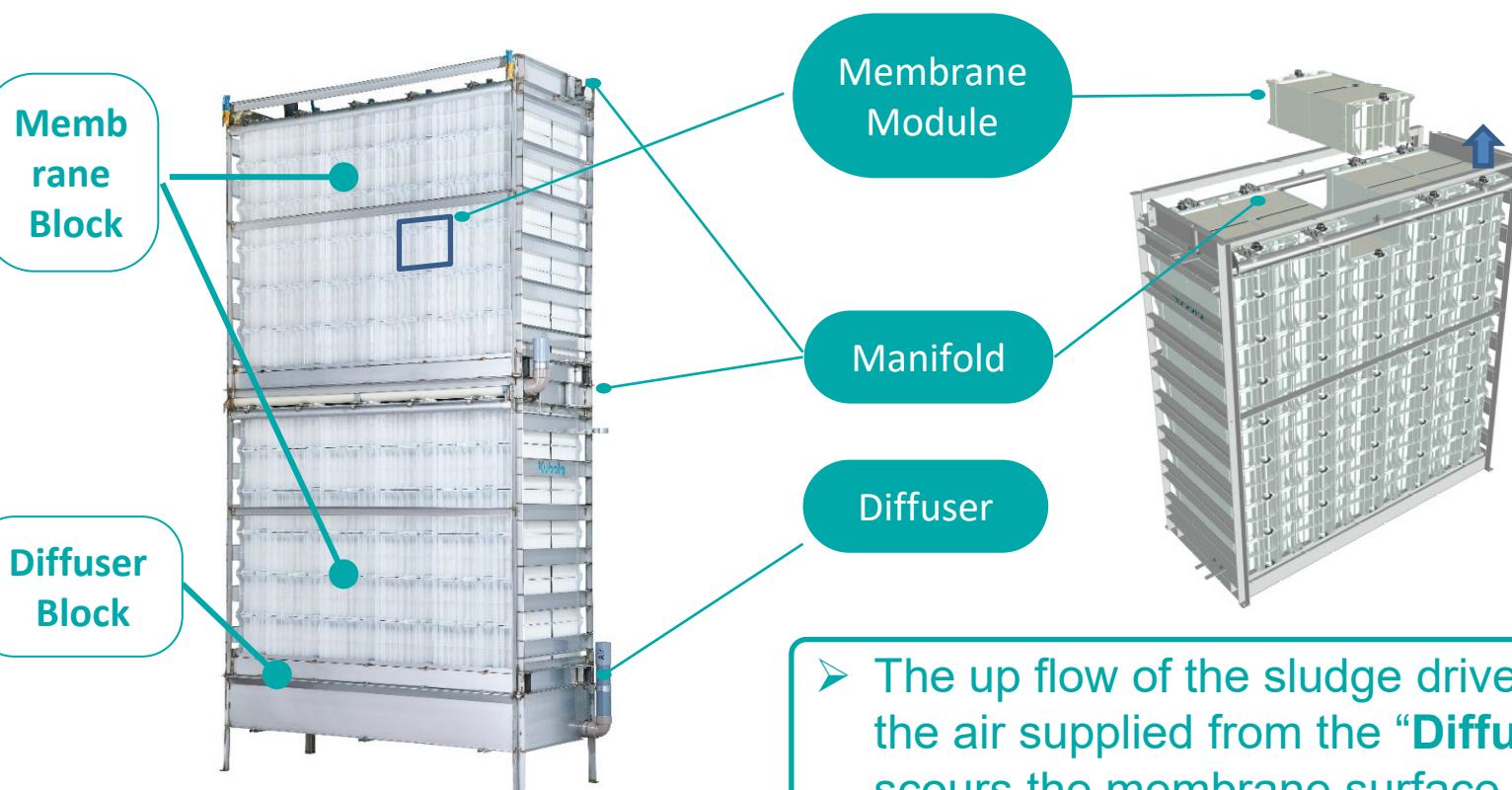
Drainage Pump Vehicle

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 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



- The up flow of the sludge driven by the air supplied from the “Diffuser” scours the membrane surface to prevent fouling

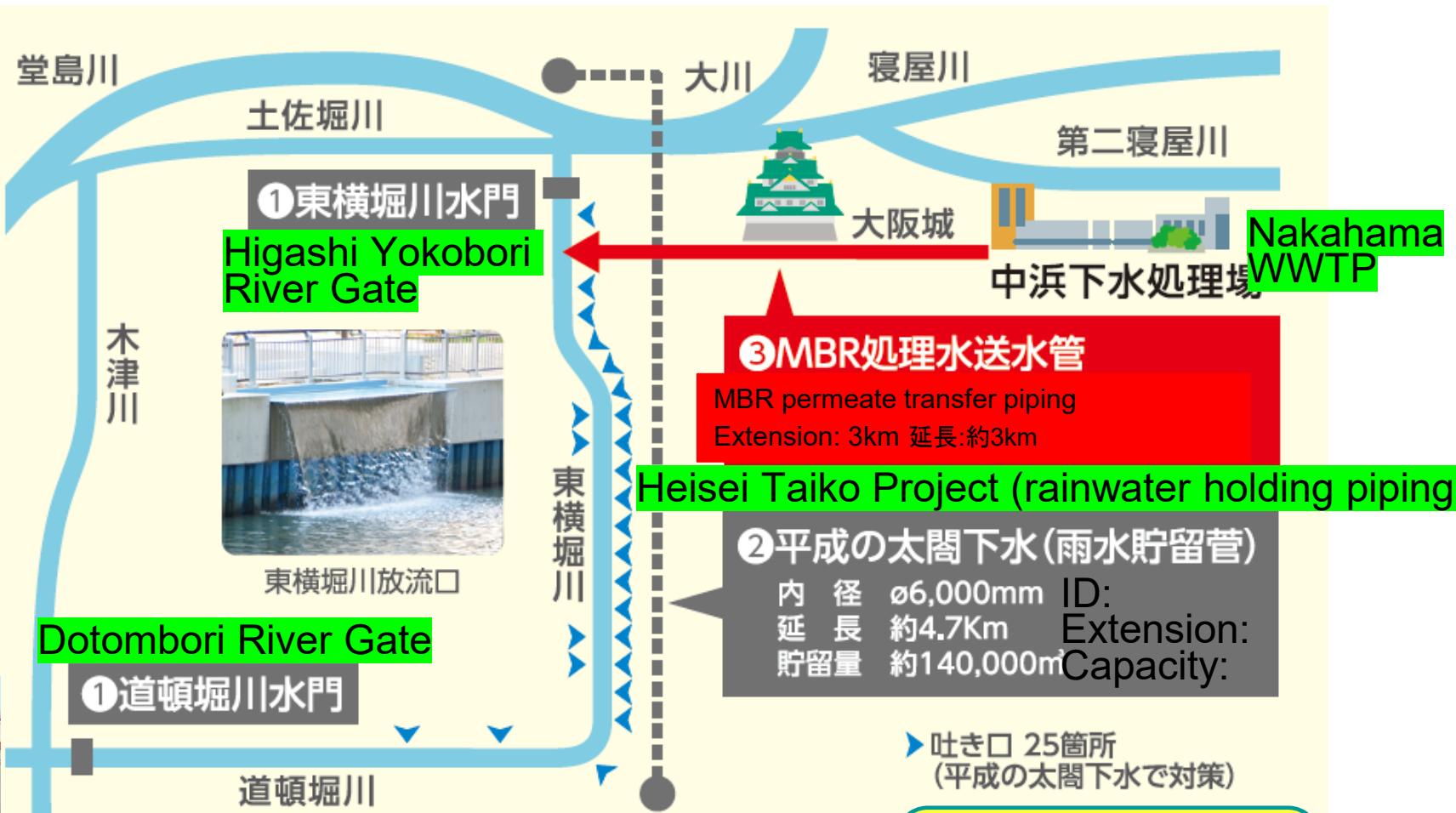
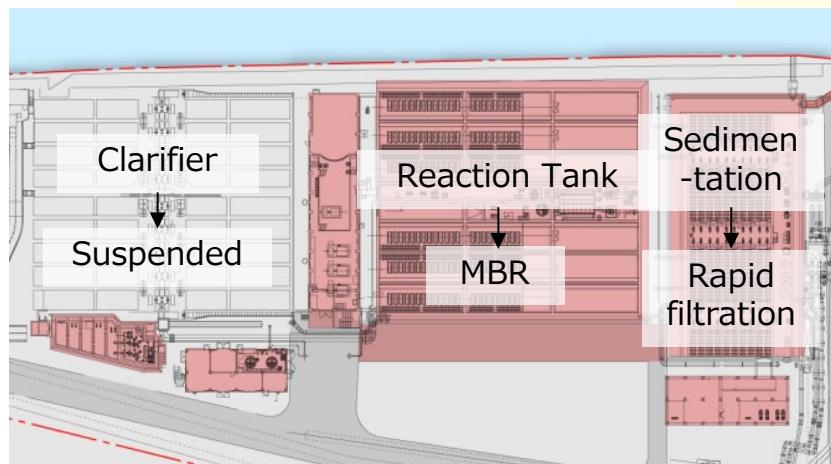
Advantages of Kubota MBR System

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 For Earth, For Life

Kubota

Process	Nitrification-denitrification (MLE) membrane bioreactor	
	Sunny	Rainy
Capacity	Rapid filtration 40,000m³/d	MBR 40,000m³/d



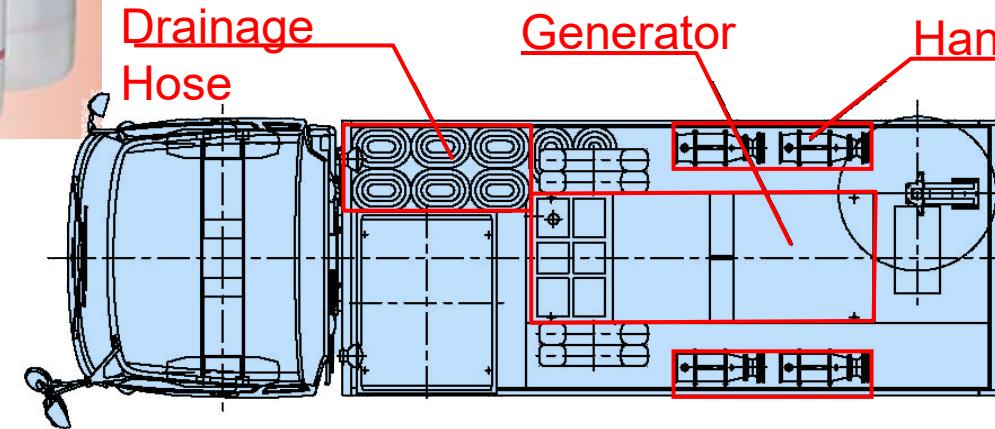
Take advantage of MBR effluent

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

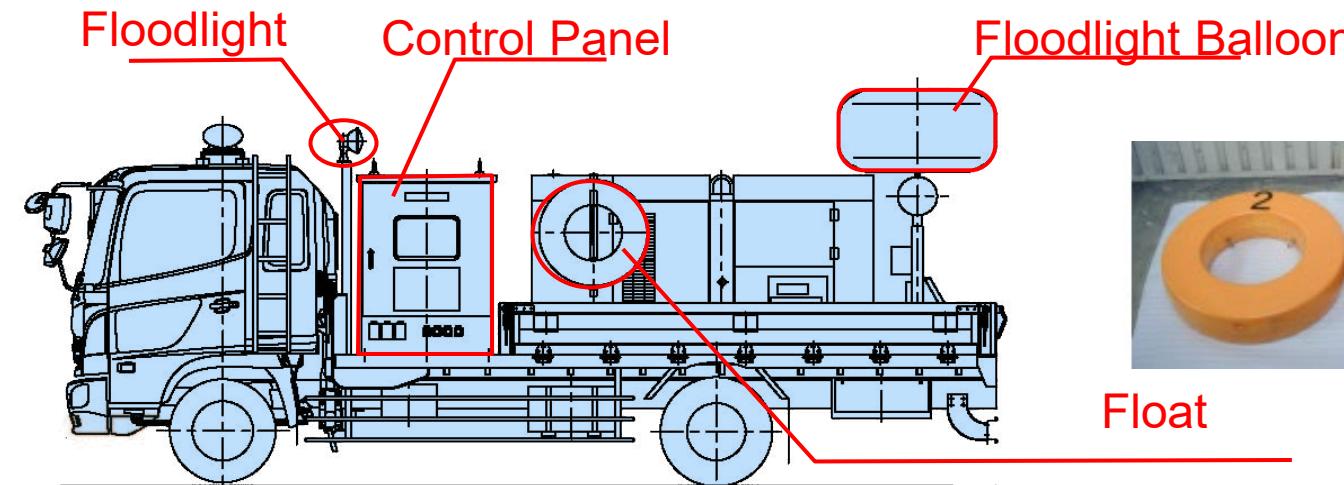
**Less Ammonia
Less Odor
Small Footprint
Reuse**

Drainage Pump Vehicle

For Earth, For Life
Kubota



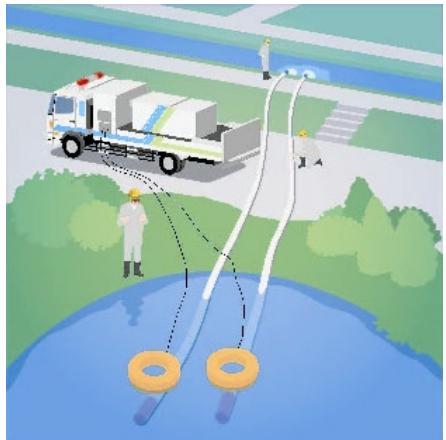
On Display Today



Drainage Pump Vehicle

For Earth, For Life
Kubota

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

For Earth, For Life
Kubota

Indonesia



Supplied Year : 2005
Quantity : 11 Vehicles

Thailand



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

Cambodia



Supplied Year : 2020
Quantity : 2 Vehicle



Supplied Year : 2014
Quantity : 10 Vehicles

2021

- Taiwan : 30m³/min x 1 Unit

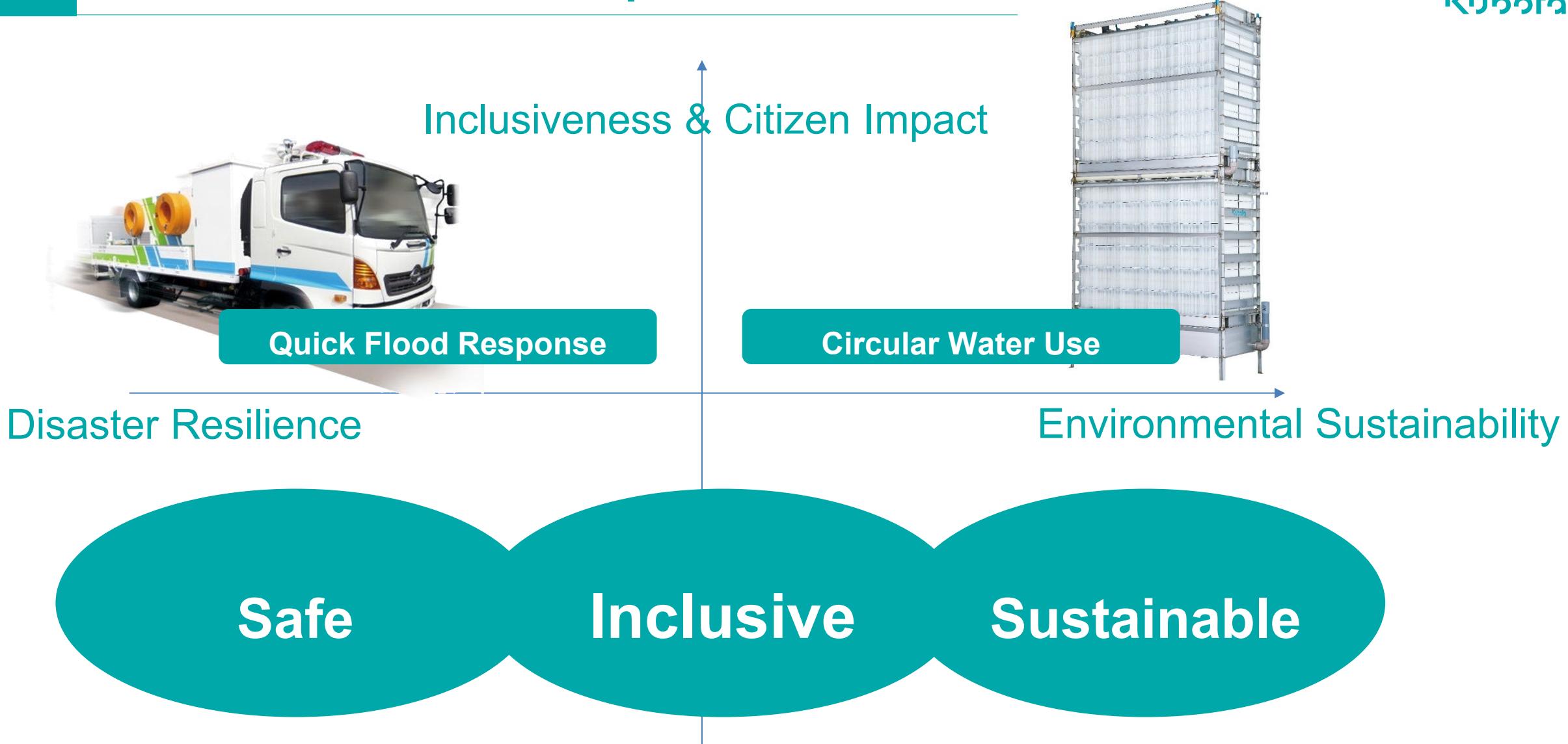
2023

- 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

For Earth, For Life
Kubota



For Earth, For Life
Kubota



ON YOUR SIDE

Thank you