



**Yokohama Water**

# Reducing NRW: A key to Strengthening Global Water Resilience



**Yokohama Water Company (YWC),  
Japan**

**- Walks with water utilities  
domestic and overseas -**

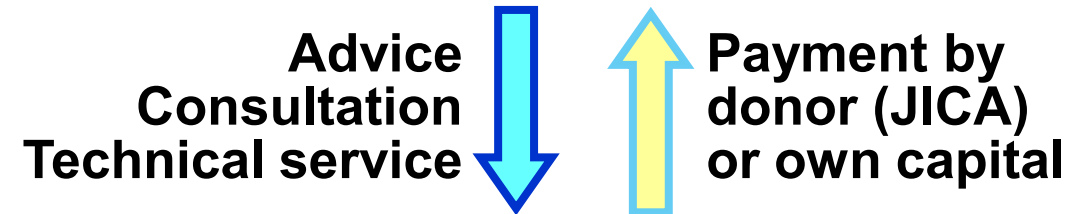
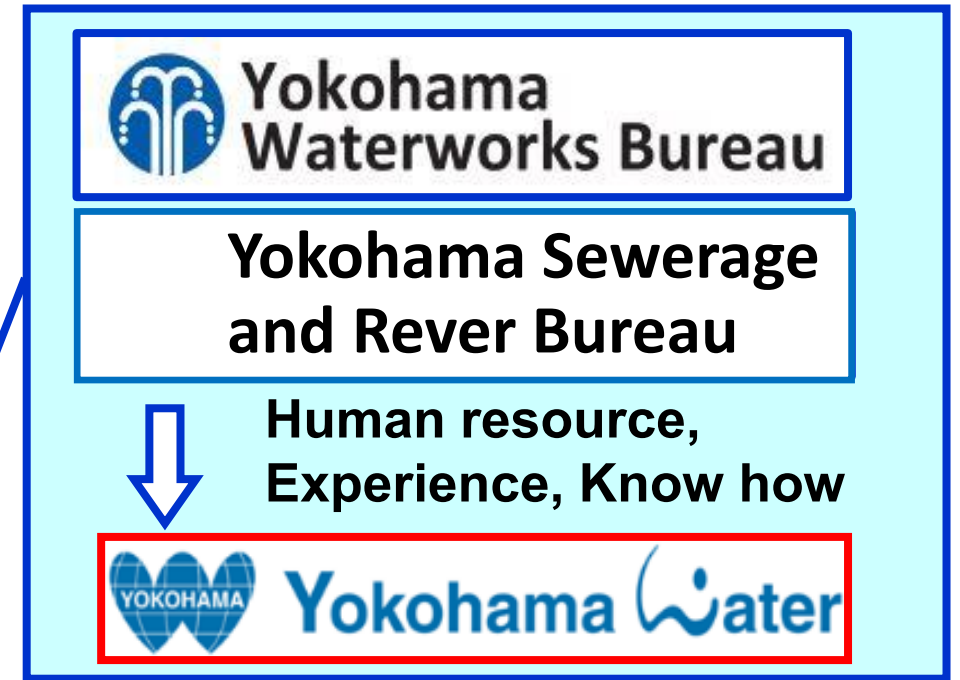
# Introduction of Yokohama Water Company (YWC)

Established in 2010 as the YWWB subsidiary

Partnership with the Environmental Planning Bureau (Sewerage and River Bureau) in 2013

Consulting work of waterwork and sewerage management for overseas and domestic

**Overseas Projects: 28 Countries, 123 Projects**



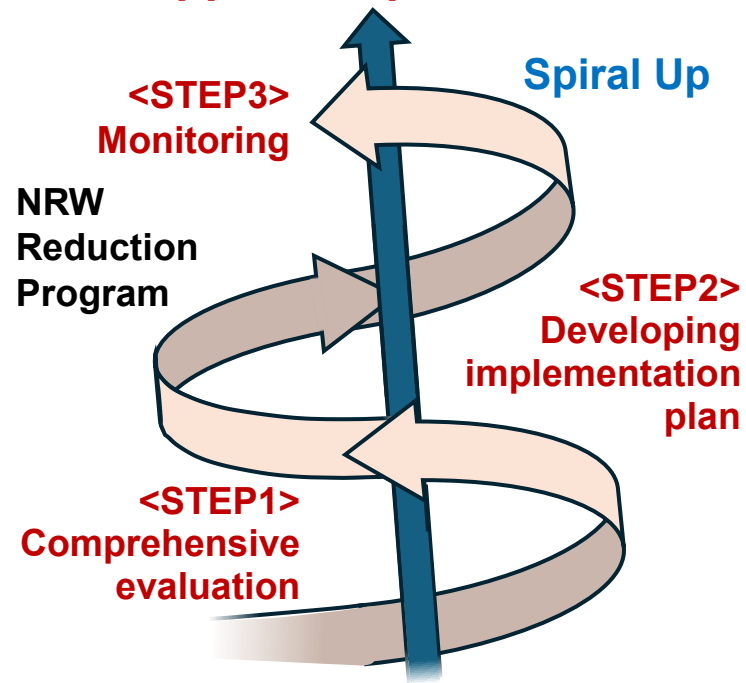
**Domestic and Overseas utilities**



# Supporting Complex NRW Reduction Technology

At YWC, experienced staff engineers work together on site to evaluate and identify areas for improvement with practical support.

## YWC Support Steps



## Physical Losses

- (1) Distribution Block System (DMA) / Active Leakage Control
- (2) Pressure Management
- (3) Speed & Quality of Leak detection & Repairs
- (4) Pipe replacement work / Asset Management

## Commercial Losses

- (5) Water accounting errors
- (6) Meter errors
- (7) Water theft / Illegal Connection

NRW measures consist of seven items and carry out continuous improvement in a spiral.



# Support human resource development

## Technical training for overseas waterworks engineers in YWC

- Flexible training program according to request & Effective training.
- Site inspections in Yokohama City
- Practical training in Yokohama City Waterworks Bureau's training facilities.



## Total support considering the whole water business Utilizing the comprehensive know-how of Yokohama City

- Wide range of support, operation and management of waterworks business.
- Create support activities in response to your requests.





# What are the goals of water utilities?

**Comprehensive  
approach**

**Enhancement of  
water supply services**

**Sustainable water  
supply business**

## Technical Matters

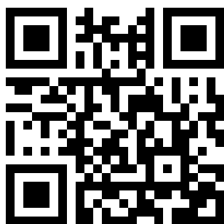
Purification, Operation,  
Construction, Asset,  
**NRW management**

Environment

Finances

Capacity  
Development

**With water for the future and beyond**



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