



Introduction to the Smart Water Cities Project

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IWRA Executive Director

Smart Water Cities project

Regional organization established to promote cooperation and coordination in the field of water resources management in Asia.

Government-owned corporation that provides both public and industrial water in the Republic of Korea.



Non-profit, non-governmental, scientific organization that promotes the sustainable management of water resources globally.



Smart Water Cities project's aim

To develop an instrument to measure and compare
urban water management and urban water services
in cities around the world



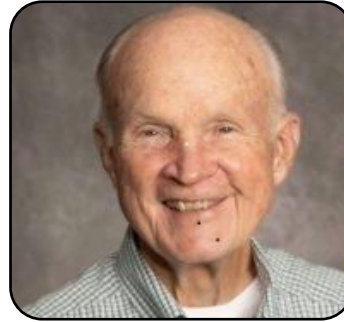
Smart Water Cities Expert Panel



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Project Timeline



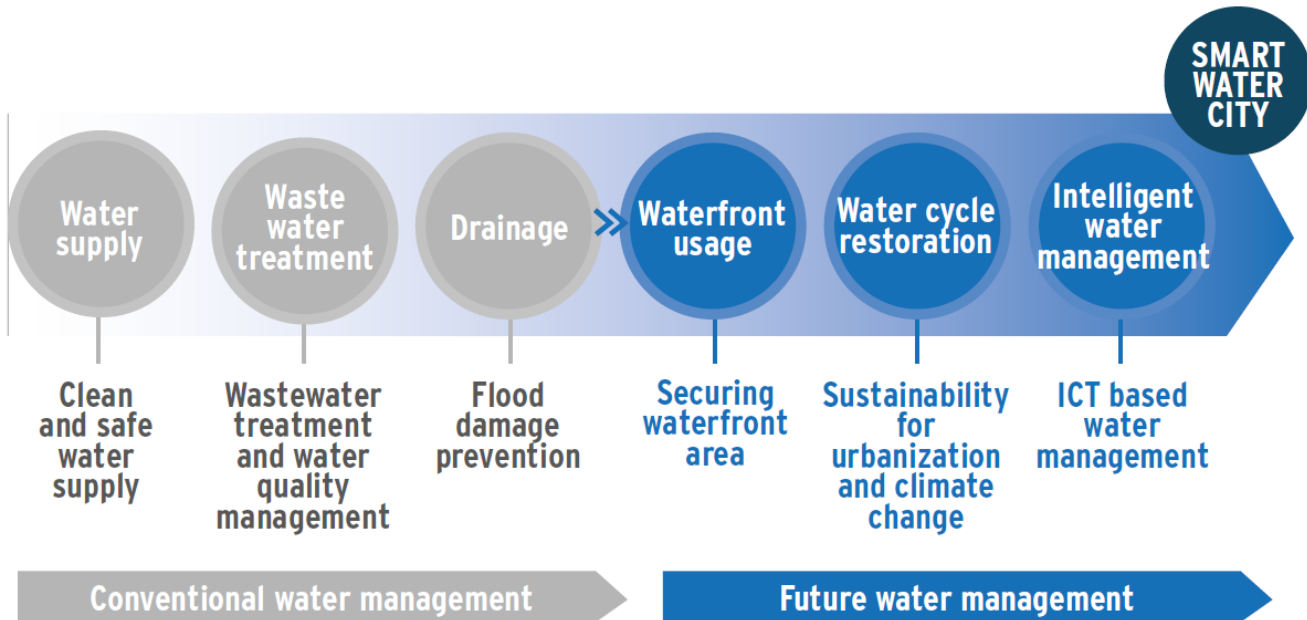
	Stage 1	Stage 2	Stage 3
Period	Jan 2021 ~ Dec 2021	Jan 2022 ~ Dec 2022	Jan 2023 ~ Dec 2023
Goal	Analysis of global standards frameworks and certification schemes	Selection of Smart water city Key Performance indicators	Pilot cities evaluation

Definition of Smart Water City



“A Smart Water City is a sustainable city with contactless, intelligent water management for all”

A Smart Water City improves the quality of life of citizens by solving existing urban water problems based on various technologies and ICT technologies throughout the urban water cycle. It provides not only individual solutions for conventional water management, such as drainage, water treatment, and wastewater treatment. It also improves comprehensive water management through the restoration of urban water cycle, waterfront usage, and intelligent water management.



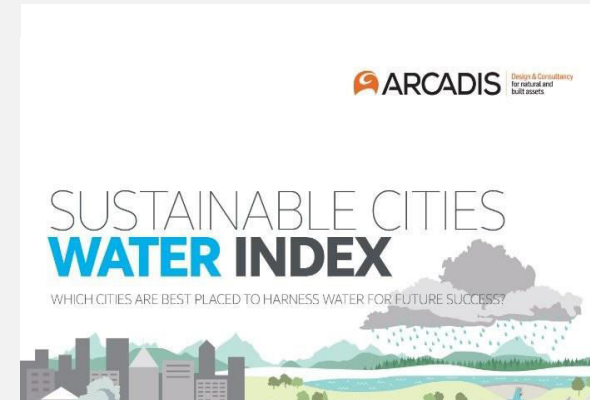
Benefits of SWC



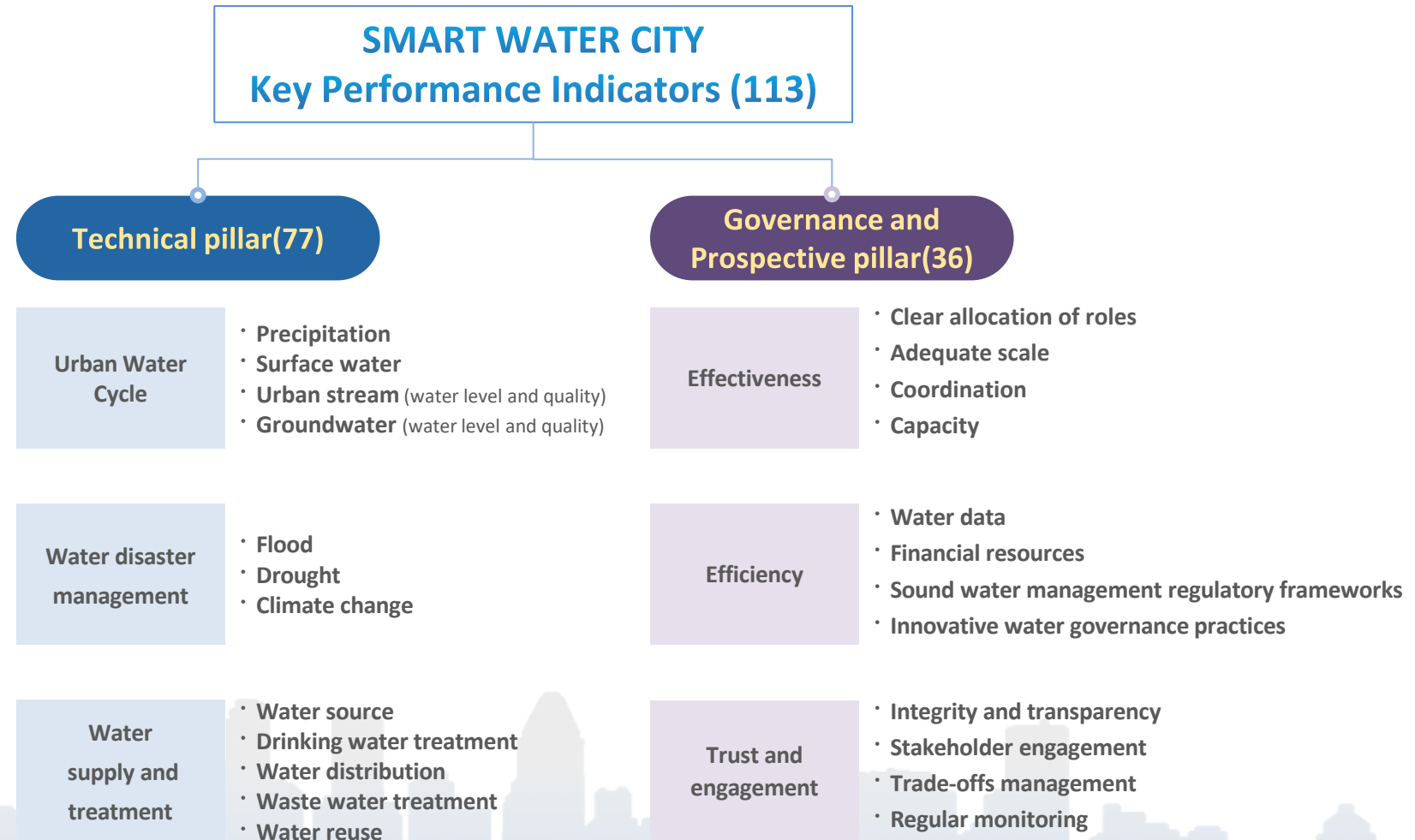
... that delivers better outcomes for the people who call it home

30-300 lives saved each year in a city of 5 million	30-40% fewer crime incidents	8-15% lower disease burden	15-30 minutes shaved off the daily commute	25-80 liters of water saved per person per day	20-35% faster emergency response times
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Analysis of Global standards, indicators and Certification schemes

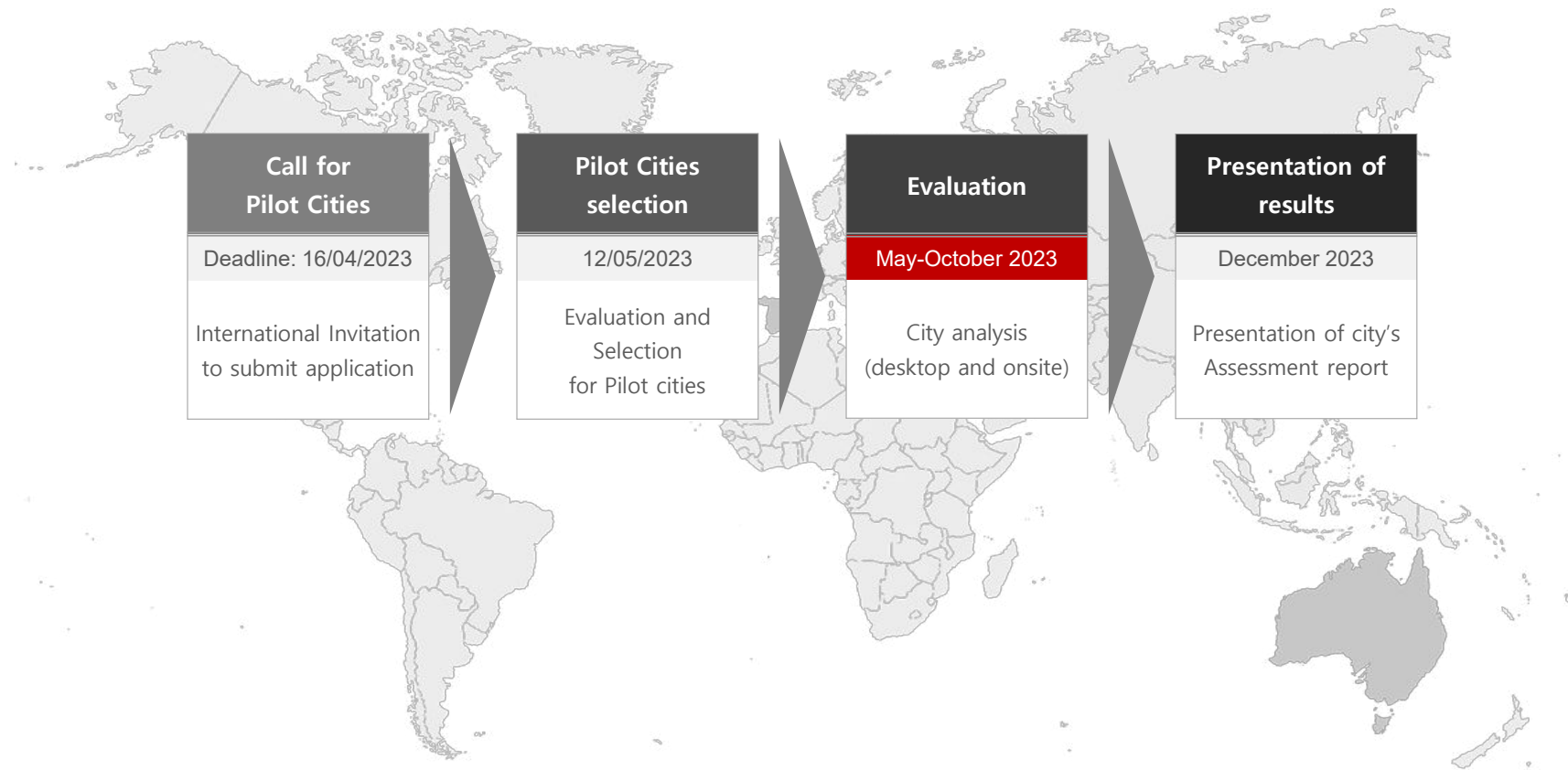


Developing Smart Water City Framework and Key Performance Indicators



Smart Water Cities Project: Call for Pilot Cities

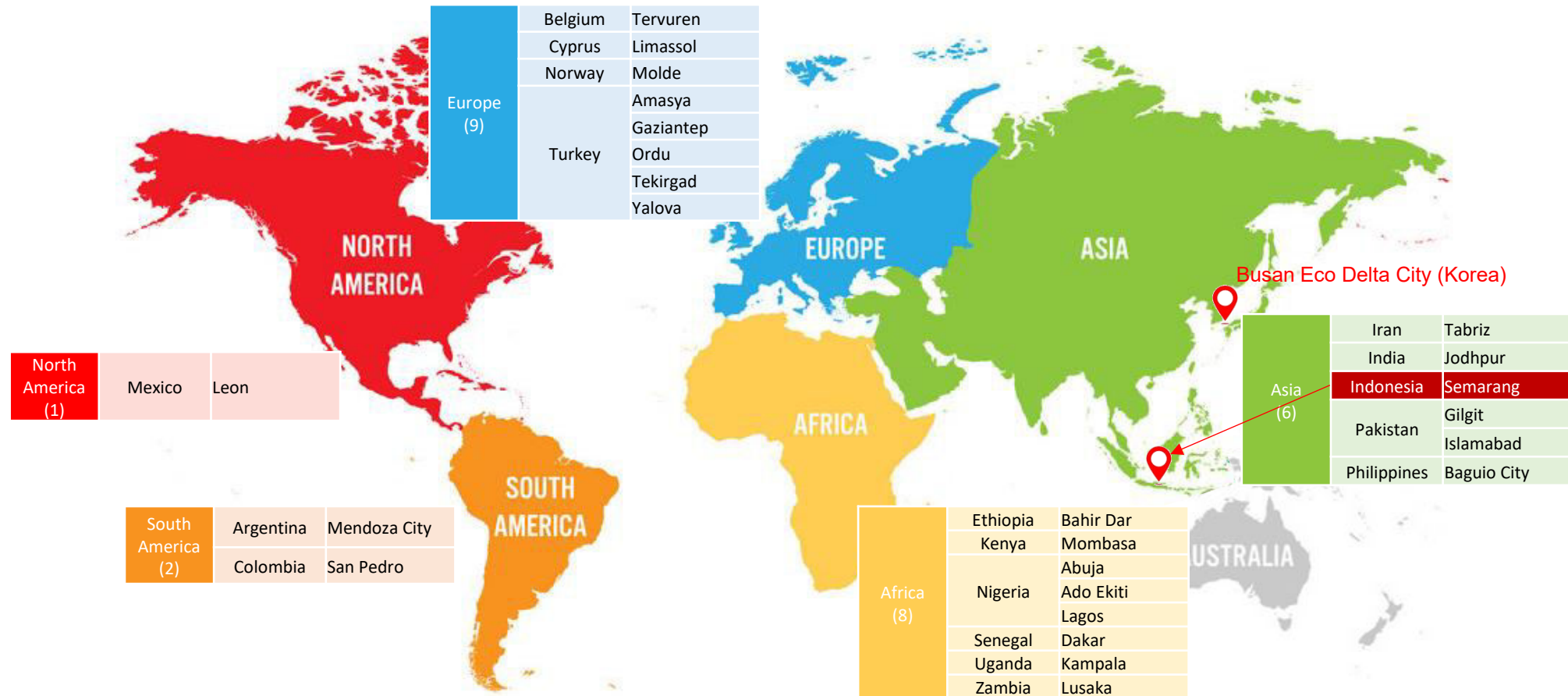
The selected cities will get a complimentary Assessment Report, which includes a full diagnosis of the functioning of their urban water systems



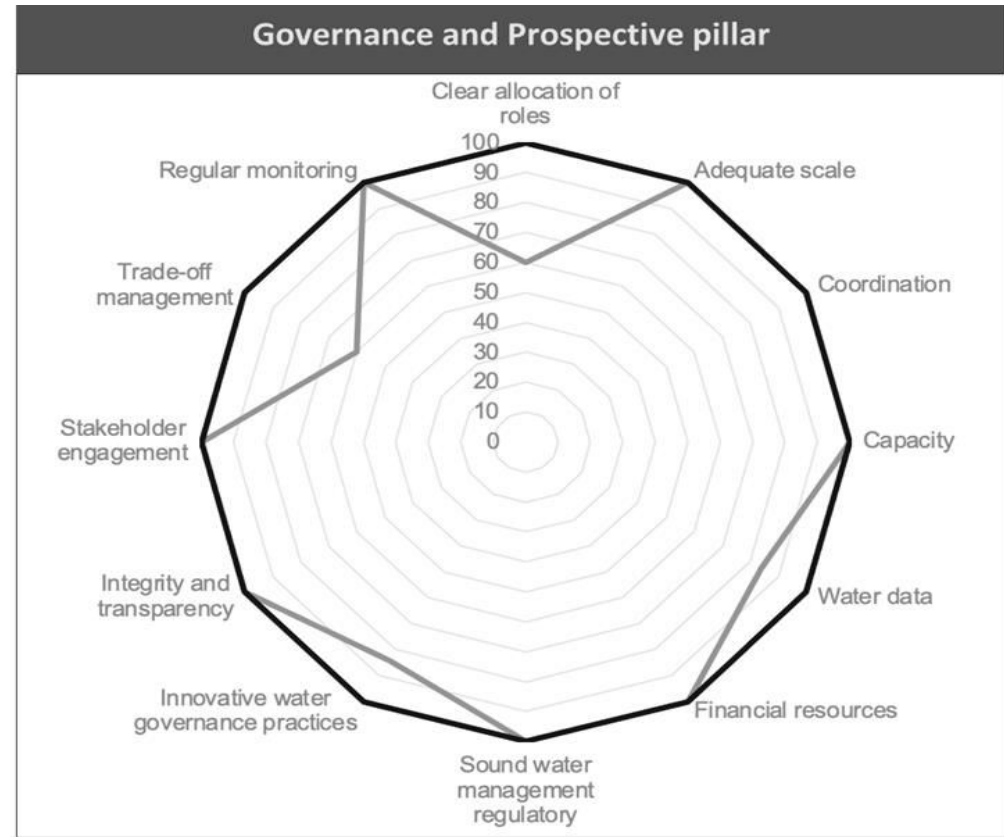
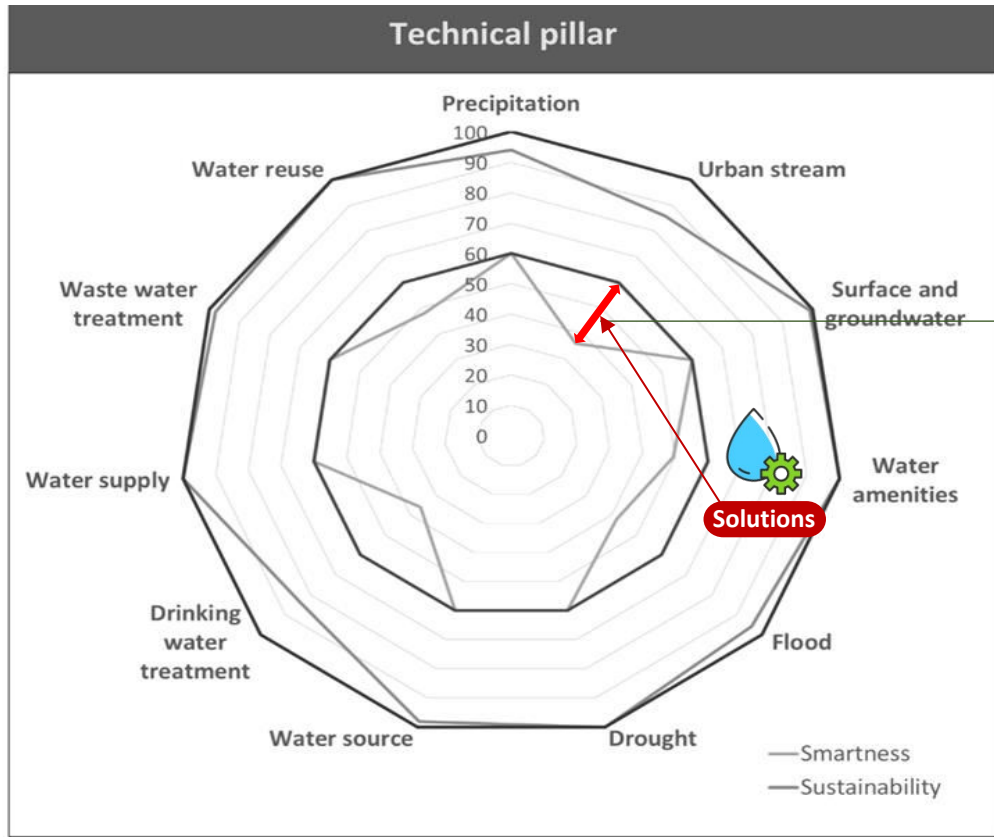
Smart Water Cities Pilot Project

25 cities of 18 countries submit proposal for pilot project

Selected Semarang city(Indonesia)



The Index identifies strengths and **deficiencies** in the Urban water system



Thanks!



- /Administration
- /Human Resources
- /Legal
- /Accounting
- /Finance
- /Marketing
- /Publicity
- /Promotion
- /Research
- /Business
- /Development
- /Engineering
- /Manufacturing
- /Planning