

# [4th Asia-Pacific Water Summit] Kumamoto Initiative for Water (Outline)

- Proactive Contribution to the Development of “Quality Infrastructure” based on a “New Form of Capitalism” -

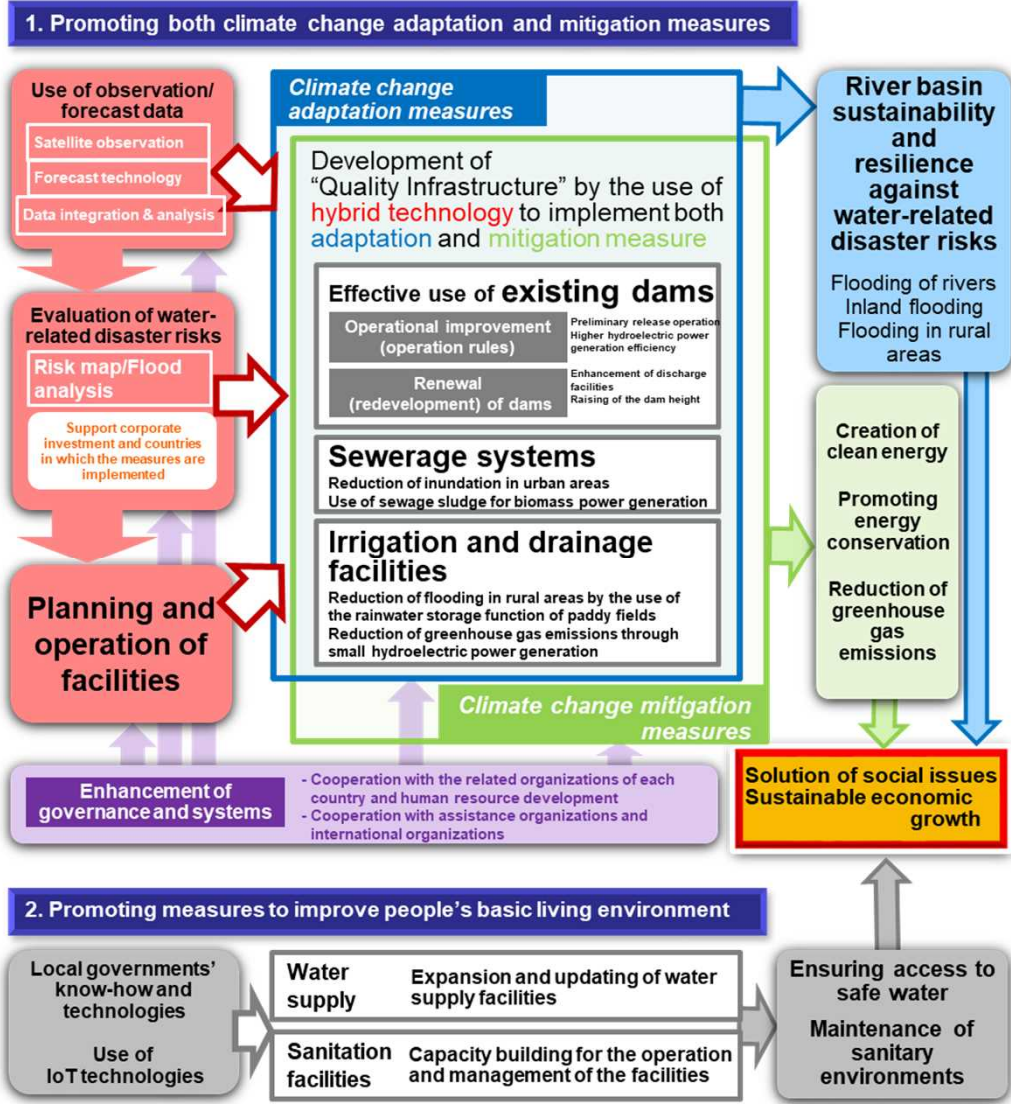
Japan will proactively contribute to the solution of water-related social issues faced by the Asia-Pacific region by developing “Quality Infrastructure” capitalizing on Japan’s advanced technologies, and based on a “New Form of Capitalism”, which means promoting public-private partnerships and fostering digitization and innovation to solve social issues as a growth engine for sustainable development and the formation of a resilient society and economy.

## 1. Promoting both climate change adaptation and mitigation measures

- (1) **Promoting the development of “Quality Infrastructure”**
  - Develop and provide **hybrid technology** to develop **dams, sewerage systems and agricultural facilities** to reduce the damage caused by flooding for river basin sustainability and resilience against water-related disaster risks for climate change adaptation and also to reduce greenhouse gas emissions for climate change mitigation (Improve and renew existing dams to bring about the effects more speedily)
  - Propose the introduction of “Quality Infrastructure” through public-private partnership
- (2) **Contribution to fill gaps of observation data**
  - Provide **satellite data** obtained from the meteorological satellite “Himawari” and Advanced Land Observing Satellite-2 (ALOS-2) “Daichi-2” as well as from the core satellite of the Global Precipitation Measurement (GPM) mission
- (3) **Contribution to governance (systems, human resources and capacity)**
  - Sophisticate the **evaluation of water-related disaster risks** by the use of **AI/IoT-based forecast and analysis technologies**
  - Support **human resource development** through the Asia-Pacific Climate Change Adaptation Information Platform (AP-PLAT) and the Data Integration and Analysis System (DIAS)
- (4) **Utilization and expansion of the Joint Crediting Mechanism (JCM)**

## 2. Promoting measures to improve people’s basic living environment

- (1) **Promoting the development of “Quality Water Supply Systems”**
  - Introduce **advanced technologies, including IoT technologies** for the development of water supply facilities
- (2) **Promoting the development of “Quality Sanitation Facilities”**
  - Develop sewerage systems and on-site treatment facilities and **enhance abilities to operate comprehensive treatment facilities**



Providing financial assistance worth approximately 500 billion yen over the next five years