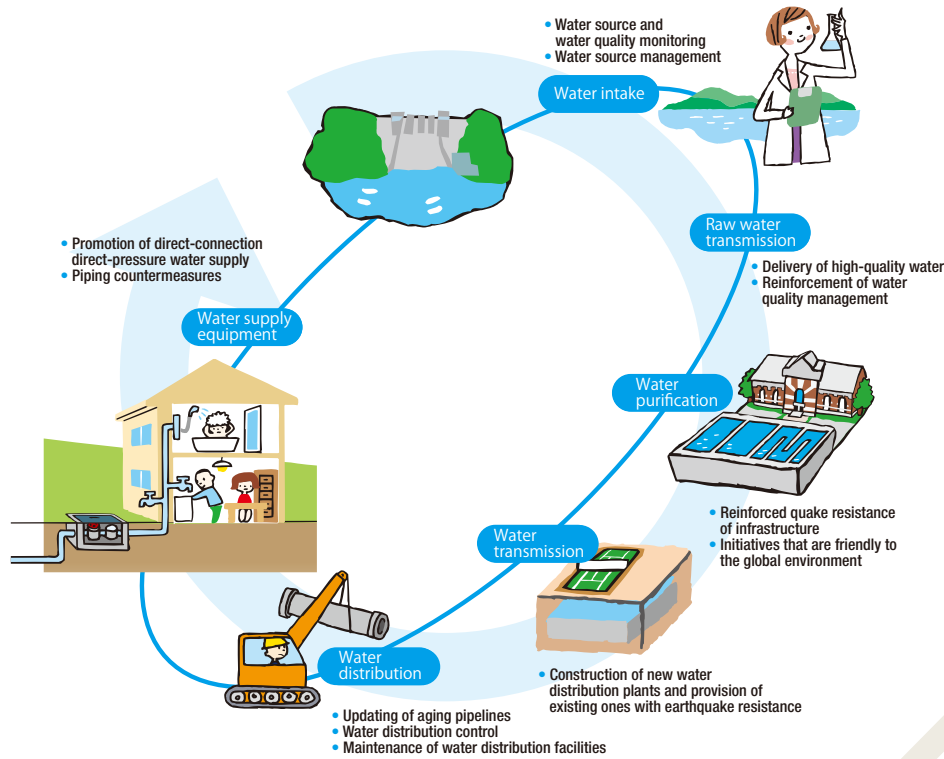


Waterworks Technology Supporting Osaka's Total System, Ranging from its Water Source to Each Faucet

Osaka has been making efforts toward the stable supply of water in terms of quality and quantity by establishing a total system, ranging from its water source to each faucet for more than 110 years, since Osaka established the Waterworks Bureau in 1895. In recent years, however, the environment of water supply has become increasingly stringent as a result of successive revisions to water quality standards, the enhancement of water quality inspection, the advent of the time of large-scale facility renewal, and the promotion of environmental protection. In order to ensure a stable and sustainable water supply service to meet the needs of the times, Osaka is faced with the necessity for taking continuous improvement measures for the existing waterworks system with consideration of a new philosophy for the future, new technologies, and customer needs from a contemporary point of view.



Working according to Waterworks Grand Design

In view of the situation, Osaka formulated a waterworks master plan named **Osaka City Waterworks Grand Design** in April 2006 in order to respond to the challenges that the Waterworks Bureau was facing as well as medium- to long-term challenges. This master plan sets the social role and responsibility of Osaka's waterworks as its philosophy and mission in pursuit of **developing the waterworks suitable to the mature communities** where residents and visitors conduct lively urban activities. Osaka is promoting a variety of measures for facility development, including the Fourth Water Purification Facility Development Project and the Sixth Water Distribution Pipe Development Project, based on the Grand Design.

CONCEPT

The Waterworks Bureau connects and combines Grand Design measures and action plans based on the strategies of the Waterworks Bureau into the basic system to establish new waterworks that will achieve the universal philosophy and mission.



Image of double helix structure

VISION

- Distributing safe, high-quality water to customers in a stable manner at fair and lower charges.
- Contributing to the development of Japan's water supply service.

MISSION

VISION

MISSION

- Facility renewal**
Development of rational water supply facilities that take full advantage of the existing stock.
- Water quality management**
Supply of safe, high-quality water based on risk communication principles.
- Stable water supply**
Construction of highly reliable water system to support the convenience and safety of Osaka.
- Environmental measures**
Multifaceted utilization of water resources that will contribute to the creation of a comfortable urban environment
- Globalization**
Water service expansion based on a global, wide-area perspective
- Technology development**
Promotion of the development of new water technology expected to provide high added value at low costs, technology inheritance, and human resource development