

KOBELCO ECO-SOLUTIONS CO., LTD.



- ❑ Address: Chuo-ku, Kobe
- ❑ Employees: 2,912
- ❑ Established in 1954
- ❑ Business: Engineering of environmental facilities

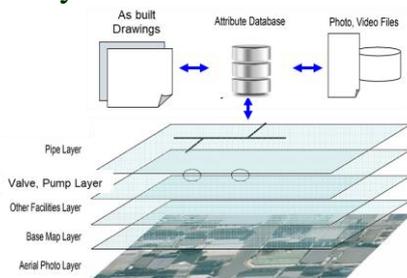
<https://www.kobelco-eco.co.jp/english/>

Outline of the demonstration project

- Demonstration for optimizing water supply business through DX promotion using digitalization system in Cambodia

Cooperation with local companies/governments

- Local partner: Kampong Thom Water Supply
- Details of cooperation and collaboration: Demonstration of digitalization system to be carried out in the local partner's water treatment facility.



Targeted economic/social issues

- National Strategy “100% urban water supply coverage by 2025”
- 13 public and over 300 private water supply entities exist.
- Increasing demand for renewal of aging water supply facilities in the future.
- Inefficient management of water utilities.

Details of demonstration

- Improvement of water supply management from the viewpoint of hardware, software and services by applying the following feasible digitalization system to the local partner's water facility.
 - Data management system using GIS
 - IoT data collection system using instruments
 - Water leakage detection system
 - Smart water meter reading and tariff collection system
 - Remote monitoring and advisory services
- Kobelco Eco Solutions Co., Ltd., Kitakyushu Water Service Co., Ltd. and Nihon Suido Consultants Co., Ltd. organize a consortium and carry out this project jointly.

Expected outcome of beneficiary effects

- Reduction of non-revenue water ratio, electricity consumption, labor costs, and administrative costs, as well as improvement of human resource capacity are expected.
- Utilization of data for water supply operation planning
- Improvement of water tariff collection