

Industrial Water Treatment

•Our solutions to the requirements for more advanced water

Industrial Water Processing Facility

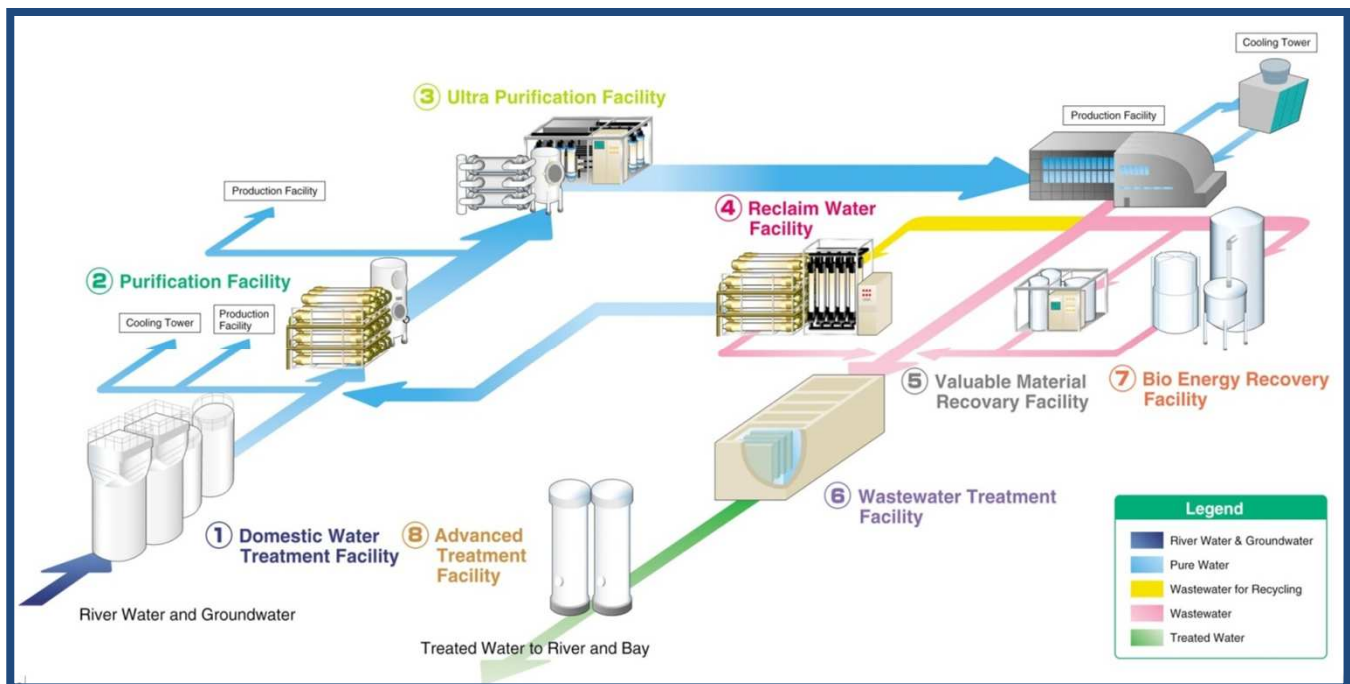
1. Water Treatment Facility
2. Purification Facility
3. Ultra purification Facility
4. Reclaim Water facilities
5. Valuable Material Recovery Facility
6. Wastewater Treatment Facility
7. Bioenergy Recovery Facility
8. Advanced Treatment Facility

Features

- 1) Water Treatment Facility
Removes iron, manganese and other Sediment by sedimentation, filtering and membrane separation.
- 2) Purification Facility
Removes impurities such as ions, gases and organic compounds by membrane separation and ion exchange.
- 3) Ultra Purification Facility
Produces ultrapure water for manufacturing of electronic materials.
- 4) Reclaim Water Facility
Reuses water by filtration, membrane treatment, organic compound oxidation treatment, and electrochemical treatment.
- 5) Valuable Material Recovery Facility
Recovers valuable metals, fluorine, phosphorus, fluorine from wastewater and recycles them for industrial use.
- 6) Wastewater Treatment Facility
High-efficiency, low-cost treatment system for organic wastewater and inorganic wastewater.
- 7) Bio Energy Recovery Facility
Recovers biogas (methane, CH₄) from organic wastewater, contributing to carbon dioxide (CO₂) reduction program.
- 8) Advanced Treatment Facility
Removes COD, nitrogen, phosphorus, fluorine and color to improve water quality.

Overview (Technical principles, actions, etc.)

We are a comprehensive supplier of industrial water processing facilities, answering a diverse range of customer needs with a unique lineup of product that satisfies everything from ultrapure water processing and industrial water, to wastewater treatment and water recycling.



Installation Examples (After 1980)

- Water Treatment Facility Approx. 500
- Wastewater Treatment Facility: Approx. 900
- Purification, Ultra purification Facility Approx. 210
- Reclaim Water Facility Approx. 10
- Bio Energy Recovery Facility Approx. 6
- Advanced Treatment Facility Approx. 6

Inquiries

Kobelco Eco-Solutions Co., Ltd.

<http://www.kobelco-eco.co.jp/>

E-mail k.motojima@kobelco-eco.co.jp

4-78, 1-chome, Wakino-hama-cho, Chuo-ku, Kobe, 651-0072, Japan
TEL +81-78-232-8018 FAX +81-78-232-8051