

# COMPANY PROFILE

- **Company Name:** Kobelco Eco-Solutions Co.,Ltd.
- **Head Office:** 4-78, 1-chome, Wakinohama-cho, Chuo-ku, Kobe 651-0072 Japan
- **Capital:** 6.02 billion Yen
- **Business Description:**
- Water Treatment Segment (Design, manufacturing, procurement, construction, O&M services and sales)**
- Water treatment
    - Treatment facilities for industrial water, city water and sewage
    - Treatment facilities for ultrapure water, pure water, industrial water and wastewater
  - Biomass
    - Recycling system for organic waste such as sewage sludge and food
  - Cooling towers
    - Industrial / air conditioning cooling towers
- Waste Treatment Segment (Design, manufacturing, procurement, construction, O&M services and sales)**
- Waste treatment / recycling
    - Municipal waste incineration / melting facilities
      - (Grate type incinerator, fluidized-bed furnace, fluidized-bed gasification and melting furnace)
  - Detoxification of PCBs
    - PCB waste treatment facilities
- Chemical / Food Process Equipment Segment (Design, manufacturing, sales, and repair of devices and equipment)**
- Process equipment
    - Glasslined equipment
    - Polymerizers, reactors
    - Evaporators
    - Mixers / dryers
- Related to New Businesses**
- New businesses
    - Hydrogen related business
    - Algae (*Euglena*) related business
    - Wood biomass power generation related business
- Related to Technology Development**
- Technology development
    - Technology development related to water and sludge treatment, cooling towers, waste treatment / recycling, biomass utilization, environmental restoration, process equipment, new fields, and innovative technologies
  - Environmental analysis
    - Water quality inspections related to water supply and sewer systems; water quality inspections related to factories, research centers, and other facilities; and certifications related to industrial waste, such as PCBs, metals, and organic materials
- **Licenses and certificates:**
- Minister's construction business license by the Ministry of Land, Infrastructure and Transport  
(Civil work business, building work business, electric work business, piping work business, machinery installation business, telecommunications business, water service engineering business, cleaning facility installation business, demolition business),  
first-class architect office registration, environmental measurement proof office registration,  
ASME code "U stamp"  
ISO 9001 certification  
ISO 14001 Approved  
ISO55001-certified (For the organization name and scope of registration, please refer to the certificate of registration and annex to certificate on the Our Company website.)
- **Affiliated Companies:** Kobelco Eco-Maintenance Co.,Ltd.  
E.R.C. TAKAJO Co.,Ltd.  
TOYOTA ENVIRONMENT SERVICES CO.,LTD.  
Kakogawa Environment Service Co.,Ltd.  
Fukui Green Power Co.,Ltd.  
KOBELCO ECO-SOLUTIONS VIETNAM CO.,LTD.
- **U R L :** <http://www.kobelco-eco.co.jp>

# HISTORY



## Message from the President

We, Kobelco Eco-Solutions Group ("KES"), are actively and extensively engaged in the environmental business as one of the group entities in the engineering business segment of the KOBELCO Group (the "Group"). Our business fields include those related to water and wastewater treatment, waste treatment, and the supply of cooling towers for industrial or public use. We are playing an important role in the Group's challenging mission to achieve carbon neutrality as well.

We also have a chemical / food processing equipment business, which has a long track record since KES's foundation back in 1946. We have been meeting a wide range of our customers' manufacturing needs through the supply of our glass-lined equipment.

Under the three-year FY2021–2023 medium-term business plan, KES will devote its efforts to gaining a foothold on a path to new heights by implementing a balanced strategy that seeks the "strengthening of competitiveness for existing business" as well as "active investment in growth fields."

As for the former, "strengthening of competitiveness for existing business," we will pursue such activities as: (i) contributing to the reduction of CO<sub>2</sub> emissions by way of promoting power generation utilizing sewer sludge and waste materials, (ii) pursuing the research and development of unique technologies in the chemical / food processing equipment business, and (iii) establishing a solid business foundation that extends to global markets.

As for the latter, "active investment in growth fields," we will pursue such activities as: (i) further involvement in the overseas infrastructure development of water supply facilities and waste power generation plants, (ii) the provision of core technologies that help communities and customers reduce CO<sub>2</sub> emissions and use renewable energy and hydrogen, and (iii) the development of new businesses.

Our corporate vision is "To Support a future society that lives in harmony with the earth." In order to realize this vision, we will contribute to achieving the SDGs through our businesses and to creating a healthy environment and lifestyles through our innovative thinking.

President, Representative Director, **Mikio Sato**



- Nov. 1946** Our company started out as Glass-lined Product Department of Kobe Steel Ltd. when a Glass-lined Plant was constructed on the premises of the Kobe Steel Yamanote Plant. Manufacturing of glass-lined product and sales for export were commenced from the following year.
- Jun. 1954** Kobe Steel Ltd. made a technical tie-up with a US company Pfaudler, and spun off the Glass-lined Product Department and incorporated it as an independent company named "Shinko Pfaudler Co.,Ltd." with 90 million yen capital jointly invested by Kobe Steel and Pfaudler.
- Dec. 1957** Shinko Pfaudler entered into water treatment equipment business.
- Mar. 1962** Shinko Pfaudler entered into cooling tower business.
- Nov. 1962** Shinko Pfaudler entered into sewage and organic waste water treatment equipment business.
- Jul. 1976** Harima Factory was completed and commenced its operation.
- Aug. 1978** First sewage sludge incineration plant was delivered.
- Mar. 1982** First municipal waste incineration plant was delivered.
- Oct. 1989** Shinko Pfaudler Co.,Ltd. was renamed to Shinko Pantec Co.,Ltd.
- Apr. 1992** All manufacturing functions were put together into the Harima Factory, which then changed its name to Harima Manufacturing Plant. Technology Laboratory was set up in the Kobe Hightech Park. (Nishi Ward, Kobe City)
- Aug. 1994** Shinko Pantec was listed in the Second Section on the Osaka Securities Exchange. (Current Tokyo Stock Exchange)
- Jan. 1999** Shinko Pantec entered into PCB treatment business.
- Apr. 1999** Environment Analysis Center was set up, and started analytical services for specified chemical substances and microchemical substances.
- Feb. 2001** New headquarters was completed.
- Oct. 2003** The environmental business unit of Kobe Steel., Ltd. was consolidated into Shinko Pantec Co., Ltd, which was renamed to Kobelco Eco-Solutions Co., Ltd.
- Dec. 2005** Waste Management Final Disposal Site started its business.
- Nov. 2006** Contract awarded by Kobe city for the first domestic "bio-gasification facilities" for refining biogas from sewage sludge with a high methane concentration.
- Apr. 2008** "Eco Station" at the Higashi-Nada Plant in Kobe City, a facility for supplying biogas started its operation.
- Apr. 2009** Vietnam Office was opened. (Ho Chi Minh city)
- Oct. 2010** Injection of biogas from sewage into utility gas pipelines started at the Higashi-Nada Plant in Kobe City. (first case in Japan)
- Nov. 2010** Overseas affiliate, KOBELCO ECO-SOLUTIONS VIETNAM CO.,LTD. was established in Ho Chi Minh City, Vietnam.
- Jul. 2013** Kobelco Eco-Solutions was listed on the second section of Tokyo Stock Exchange.
- Jul. 2013** Vietnam overseas affiliate opened a Hanoi branch office.
- Oct. 2013** Vietnam overseas affiliate set up a factory for manufacturing glass-lined process equipment.
- Oct. 2014** Maintenance business was acquired from Kobelco Eco-Maintenance Co.Ltd.
- Oct. 2015** Opened an office in Cambodia. (Phnom Penh city)
- Nov. 2015** "Notification of Commencement of Business" was filed in regard to production and sale of Euglena. (food ingredient)
- Apr. 2016** Wood biomass power generation plant started its operation at Ono City, Fukui Prefecture.
- Jan. 2017** Sales of Kobe Euglena started.
- Jul. 2018** MICAREA Co., Ltd. was established. (at Kobelco Eco-Solutions Head Office)
- Jun. 2019** The waste treatment facility business unit of IHI Enviro Corporation was merged into Kobelco Eco-Solutions Co., Ltd.
- Sep. 2019** Opened an office in the UK. (London)
- Oct. 2021** Delisted due to exchange of shares with Kobe Steel, Ltd.
- Nov. 2021** Became a wholly owned subsidiary of Kobe Steel, Ltd.