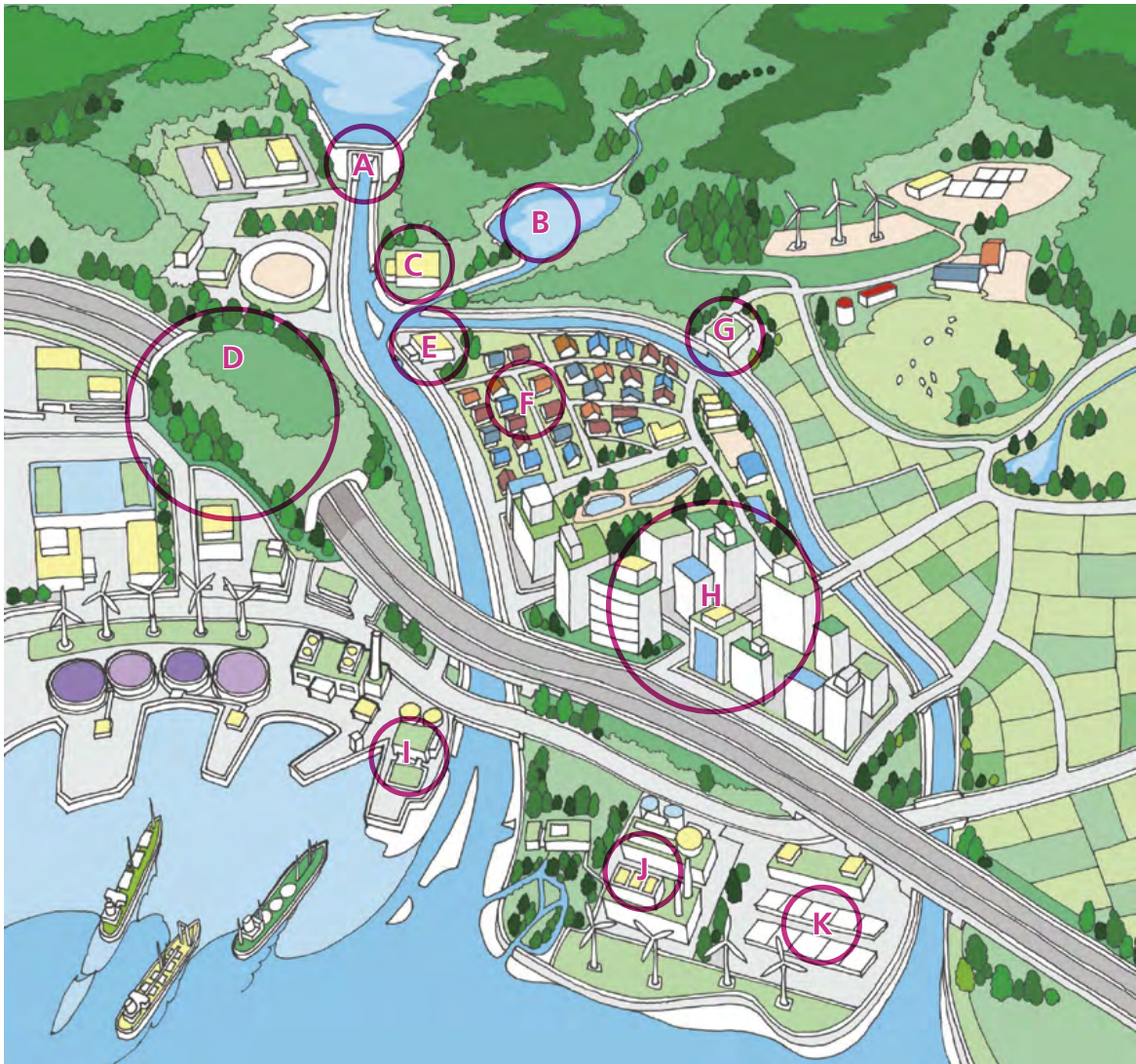




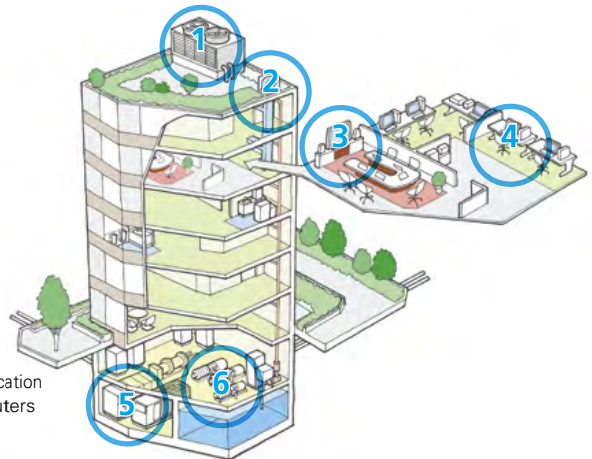
# EBARA Group supporting our society, industry and living

EBARA Group's products, technologies and services help society, industry and various aspects of our lives by playing a behind-the-scenes role.



- A** Hydro turbines for hydroelectric
- B** Water environmental purification
- C** Water purification plant
- D** Tunnel ventilation facilities
- E** Rainwater drainage facilities
- F** Residential fuel cell
- G** Agricultural water supply facilities
- H** Building water supply and drainage system, ventilation system and air-conditioning system
- I** Sewage treatment plant
- J** Waste treatment facilities
- K** Pump and water treatment facilities for plant

- 1** Cooling tower (air-conditioning system)
- 2** Ventilation fan
- 3** Dry vacuum pump to create a high vacuum condition for FPD fabrication
- 4** Device for manufacturing semiconductors, the heart of computers
- 5** Chillers and water chillers/heaters
- 6** Water supply and drainage pump and fire pump





### EBARA Group supporting our society

EBARA Group's water and sludge treatment facilities, pumps and blowers play an important role in the drinking water and sewage system which is indispensable for our lives. In heavy rains, EBARA's pumps work outstandingly in facilities to protect our society from floods. Household and office solid waste treatment facilities use incineration technology, recycling and resource recovery technologies and bottom ash reduction technology and technology of power generation in waste incineration. You have few opportunities to see them in your daily lives, but the EBARA Group's products, technologies and services widely support the social infrastructure.



Large pump



Sludge treatment facilities

### EBARA Group supporting industry

In all industries such as the power generation, steel, chemicals, petrochemistry, semiconductor, FPD<sup>\*1</sup>, machinery, metal, paper, food and beverage industries, many EBARA Group products and technologies are used such as pumps, compressors, turbines, chillers, water treatment equipment, semiconductor manufacturing equipment and vacuum equipment. We have also developed products and technologies to help take global warming countermeasures and achieve a recycling-based society. These include equipment to treat process gases such as PFC gas<sup>\*2</sup> generated in the semiconductor manufacturing process, technology to recover methane from biomass resources such as organic waste, and an internally circulating fluidized-bed gasifier to extract valuable gases from waste. EBARA Group products, technologies and services support various industries.



Waste incineration facilities



Waste treatment facilities



Compressor



CMP equipment<sup>\*3</sup>

### EBARA Group supporting our lives

We provide pump units to supply drinking water to the upper floors of buildings and apartment buildings, and fire pump units; chillers and chillers and water chillers/heaters machines to provide large buildings including shopping centers with air-conditioning systems; fans to ventilate closed spaces such as high-rise buildings and underground malls; and residential fuel-cell cogeneration systems to simultaneously generate electric power and hot water by extracting hydrogen from city gas and kerosene and reacting the hydrogen with oxygen in the air. The EBARA Group's products, technologies and services don't stand out, but support various aspects of our lives.



Biomass power generation boiler



Integrated equipment of dry vacuum pump and waste gas treatment system



Turbo chiller



Fan



Fire pump unit



Residential fuel cell cogeneration system (Left: Natural gas type; Right: Kerosene type)

<sup>\*1</sup> [FPD] Equipment with flat panel displays such as liquid crystal displays and plasma display panels

<sup>\*2</sup> [PFC gas] Perfluoro compound. An alternative for CFCs used for etching and scrubbing in the semiconductor manufacturing process. One of the greenhouse gases designated as a controlled substance by the Kyoto Protocol.

<sup>\*3</sup> [CMP equipment] A polishing machine to flatten semiconductor devices