

Business Activities and Environmental Impact

In addition to measuring quantitatively the relationship between business activities and the environment and understanding their environmental impact, Komatsu has formulated medium- and long-term objectives and is implementing measures that will reduce environmental impacts.

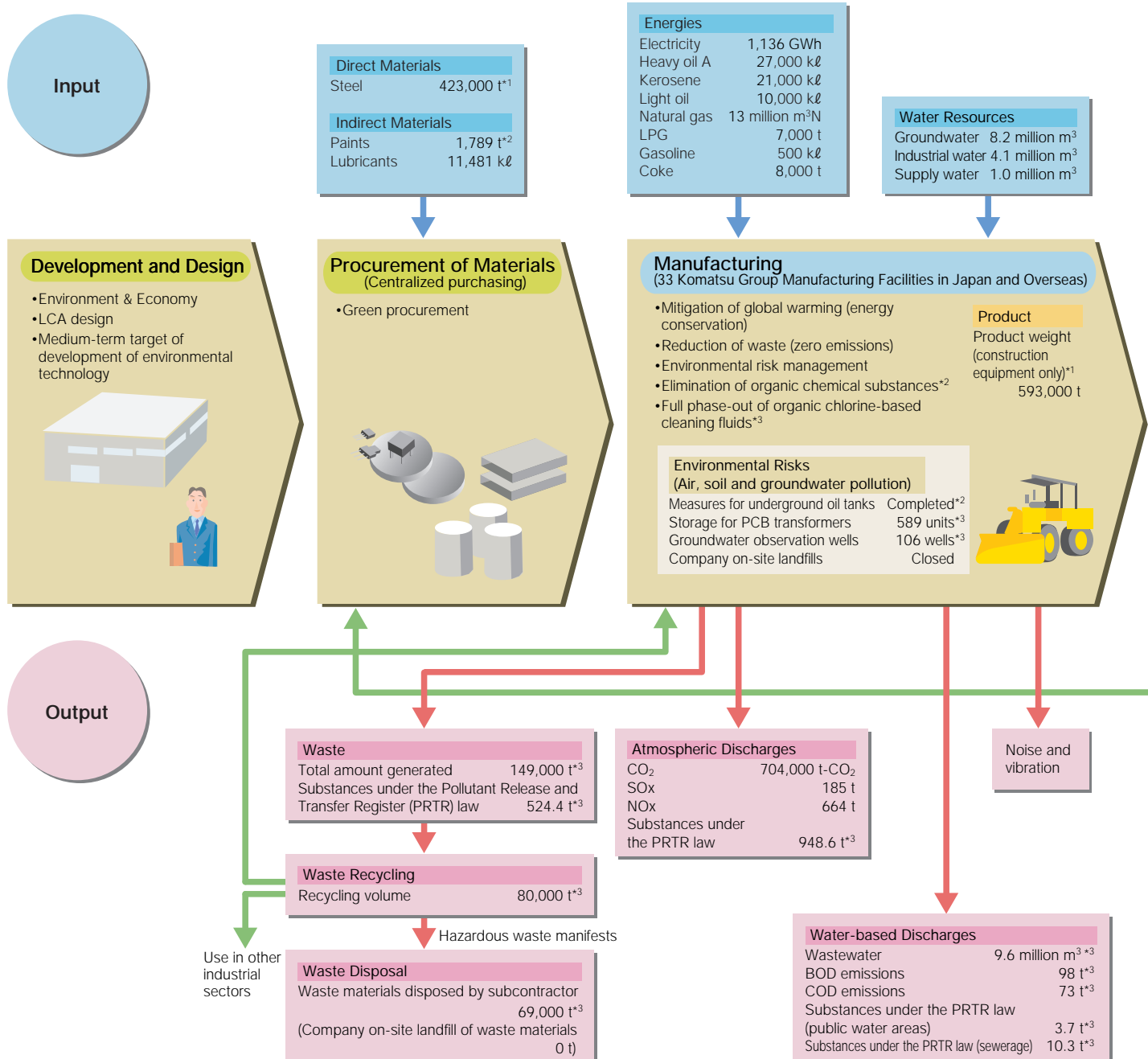
Business Activities and Environmental Impact

The Komatsu Group procures various parts and materials and, through the manufacturing process, utilizes natural resources, including raw materials, water, energy, and chemical substances, among others, to provide products to its customers. Such business activities

result in environmental impact at each stage in the process.

The Komatsu Group will continue to provide more highly value-added products and services while at the same time it seeks to understand the environmental impacts resulting from its business activities, formulate its medium- and long-term objectives, and implement measures to reduce such impacts.

Environmental Impact Resulting from Business Activities of Komatsu Group Companies, including Overseas Facilities (FY2005)



CO₂ emissions:

Figures for power and heavy oil (see Energy section of Input column) are calculated using the "CO₂ coefficient" in each area (in Japan, specified in the Ministry of the Environment of Japan's 1999 calculation guidelines based on the Law Concerning the Promotion of the Measures to Cope with Global Warming).

SO_x emissions:

Calculated by multiplying "S content by percentage" (based on element tables of suppliers) by the volumes of heavy oil, kerosene, light oil, and coke.

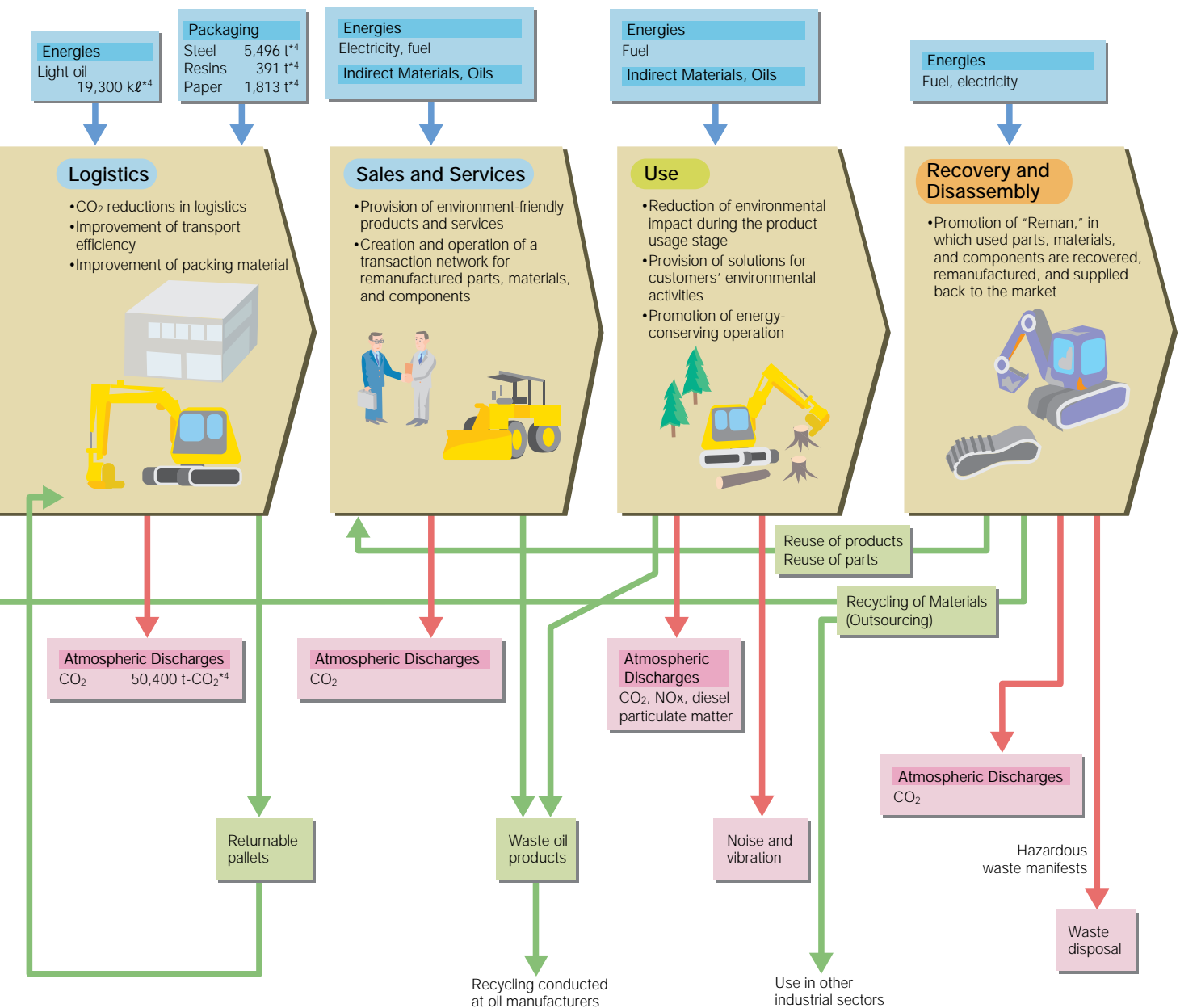
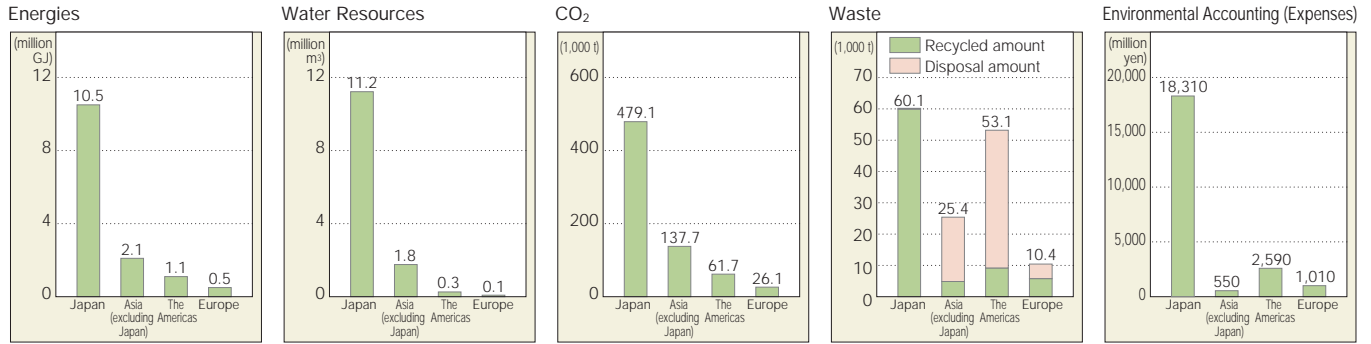
NO_x emissions:

Calculated by multiplying the "nitrogen oxide emissions units" (obtained at each Komatsu facility) by the heavy oil, kerosene, light oil, natural gas, and LPG used.

Emissions and transfer of substances covered by the PRTR Law:

Calculated by the "content ratio of specific chemical substances" contained in indirect materials multiplied by the "discharge or transfer rate." This calculation is based on the PRTR Law, which was designed to mandate the disclosure of the volume of specific chemical substances released into the environment to promote the management of such substances.

■ Environmental Impact Indicators and Environmental Accounting, Broken Down by Region



Coverage of Data

- *1 Related to domestic construction machinery manufacturing (excluding Komatsu Zenoah)
- *2 Komatsu manufacturing facilities
- *3 Komatsu Group's domestic manufacturing facilities
- *4 Logistics from procurement to sales related to domestic construction machinery