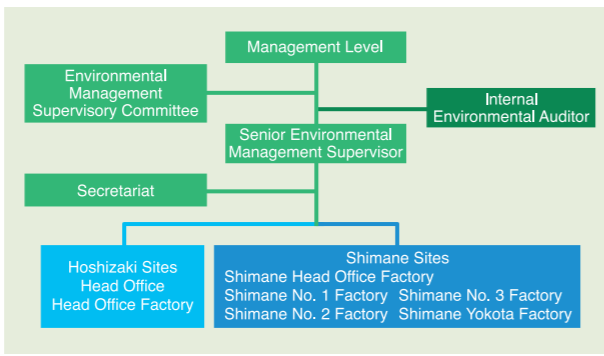




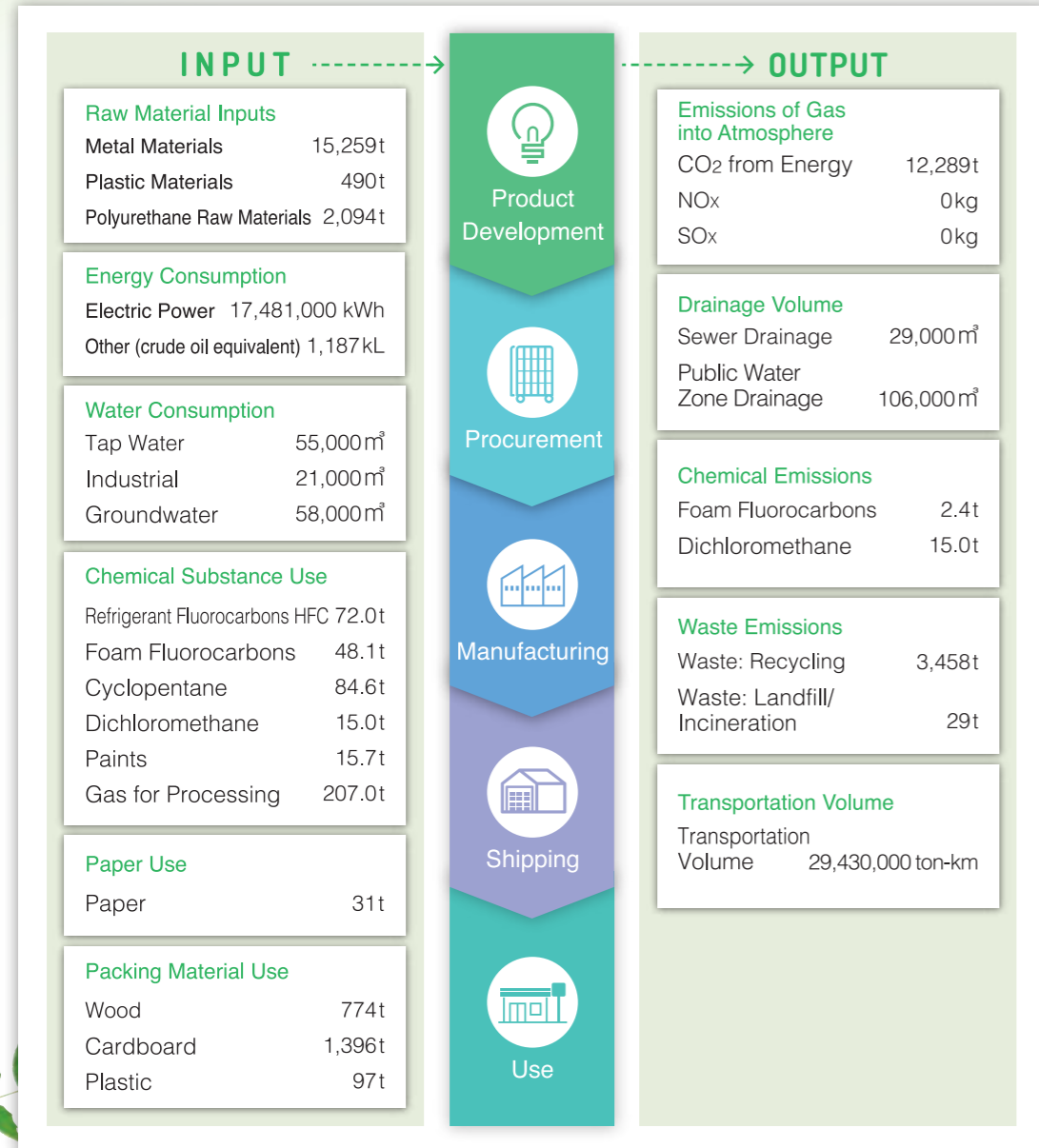
Environmental Management System Promotion Organization Framework / Materials Flow / Environmental Goals and Achievements

Environmental Management System Promotion Organization Framework

Hoshizaki has established a framework for all departments in all factories to participate in environmental improvement activities. Based on our overall goals, we have set improvement goals for the medium-term three-year period across all sites and at each department level, and are moving forward with improvement activities each year by formulating two-month implementation plans that clarify specific measures.



Materials Flow



Environmental Goals and Achievements

○ ... Realized ▲ ... Partially Unrealized ✕ ... Unrealized

	FY2019 Goals	Result	Comment	FY2020 Goals
Power Saving	Energy Consumption Rate 6% Reduction Compared to FY2013	○	We were able to achieve our goals through a combination of various activities such as productivity improvement and the introduction of energy-saving equipment.	Energy Consumption Rate 7% Reduction Compared to FY2013
Suppression of Waste Generation	Metal Work Scrap Yield Rate 4.7-8.0 Point Improvement Compared to FY2008 3.0 Point Improvement Compared to FY2013 0.013 Point Improvement Compared to FY2016 (Goal Values Set by Each Department)	○	We were able to achieve our goals by, in addition to production improvement activities, setting forth and implementing measures in each department.	Metal Work Scrap Yield Rate Goal Values Set by Each Department and Process
	Plastic Material Work Scrap Yield Rate 5.0-14.0 Point Improvement Compared to FY2008 (Goal Values Set by Each Department)	▲	Due to changes in product specifications, plastic-based emissions increased, and some departments did not achieve their goals.	Plastic Material Work Scrap Yield Rate Goal Values Set by Each Department
	Suppression of Defective Product Occurrence Goal Values Set by Each Department, Occurrence Process, and Occurrence Cause	▲	Improvements have been taking place in each department, with measures to achieve goals being set forth, but some departments did not achieve their goals due to defects caused by changes to materials.	Suppression of Defective Product Occurrence Goal Values Set According to Each Department, Occurrence Process, and Occurrence Cause
Transport Load Reductions	Loading Size (Loading Rate) Improvement 2.0 Point Improvement Compared to FY2012	○	We were able to achieve our goals by working toward a target value set for the loading rate for product transport trucks.	Loading Size (Loading Rate) Improvement 2.5 Point Improvement Compared to FY2012
CFCs	For Foam: Switch to Low-GWP* Foaming Agents in Some Products For Refrigerants: Research Aimed at Changing to Low-GWP* Refrigerants	○	[For Foam] Implementation complete. [For Refrigerants] Implementation complete.	For Foam: Switch to Low-GWP* Foaming Agents in Some Products For Refrigerants: Research Aimed at Changing to Low-GWP* Refrigerants
Product Development	Further Energy Savings in Dishwashers and Showcases	○	We were able to achieve further energy savings by adopting high-efficiency gas boosters in dishwashers and high-efficiency compressors in showcases.	Set Goals Including Model Changes to Top-Runner-Compatible Products
Zero-Emissions (Recycling Rate of 99% or More)	Achievement of Zero Emissions (Recycling Rate of 99.0% or More at Each Site)	○	Both the Head Office site and the Shimane site were able to achieve a recycling rate of 99.0% or greater.	Achievement of Zero Emissions (Recycling Rate of 99.0% or More at Each Site)
Natural Environment Conservation	Cooperation and Participation in Hoshizaki Green Foundation Conservation Activities	○	We cooperated with Hoshizaki Green Foundation conservation activities.	Cooperation and Participation in Hoshizaki Green Foundation Conservation Activities

*Low global warming potential (GWP). The GWP is a number that shows how much warming potential a greenhouse gas has relative to carbon dioxide.