



Enhancing Quality of Life

Independent Practitioner's Assurance  CSR Themes 



Pursuing Environmental Management

Setting New Mid- and Long-Term Objectives

In 2010, Komatsu set mid- and long-term objectives (2015, 2020) for the production department in regards to CO₂ reduction and started reduction activities. While mid- and long-term objectives for CO₂ reduction is being set for the world at the COP21 in 2015, Komatsu has reevaluated its mid- and long-term objectives thus far (up to 2020) and set new mid- and long-term objectives up to 2030 in order to contribute to the environmental change measures.

Among these objectives, the stringent objectives have been set increasingly in regard to CO₂ reduction particularly in domestic production, taking into consideration the electricity situation after the Great Eastern Japan Earthquake of 2011. Also, in addition to the targets set for CO₂ reduction, targets will also be determined in terms of production, for our domestic and overseas factories regarding the amounts of waste generated and water input, in order to promote the efficient use of resources.

In addition, mid- and long-term objectives up to 2030 were set for logistics CO₂ for the first time.

Further, in looking at CO₂ generated in the life cycle of construction equipment products, we found that CO₂ emissions during construction equipment use makes up approximately 90% of total emissions. Therefore, fuel efficiency goals for construction equipment products were also set this time, up to 2030, in order to promote CO₂ reduction over the entire life cycle.

Area	Object	Application	Index	Base Year	New Objectives (Reduction Rate)	
					2020	2030
Production	CO ₂	Japan	Improvement rate per unit of production	2000	57%	65%
		Overseas	Improvement rate per unit of production	2010	32%	40%
	Waste	Japan	Improvement rate per unit of production	2010	10%	20%
		Overseas	Improvement rate per unit of production	2010	10%	20%
	Water	Japan	Improvement rate per unit of production	2010	40%	50%
		Overseas	Improvement rate per unit of production	2010	10%	20%
Logistics	CO ₂	Japan	Improvement rate per unit of logistics	2006	32%	39%
		Overseas	Improvement rate per unit of logistics	2011	13%	22%
Construction Machinery Products	CO ₂	Hybrid Hydraulic Excavator	Fuel Consumption Reduction Rate	2007	40%	45%
		Normal Hydraulic Excavator(non-hybrid)			20%	25%