

Waste

The LOTOS Group manages its waste in a manner that is environmentally safe. Waste that cannot be avoided is segregated and stored at designated and labelled sites, in accordance with the terms of relevant decisions.

In accordance with the waste management policies, hazardous and non-hazardous waste is transported by entities licensed to do so, first to undergo recovery processes and then to be treated or disposed of.

The recipients of waste at the LOTOS Group hold appropriate permits to conduct waste management activities.

Total weight of waste generated at Grupa LOTOS by type and disposal method [tonnes per year]

Year	2009	2010	2011
Waste generated during the year	10,305	11,472	12,384
including:			
Hazardous waste	4,242	4,218	7,338
Non-hazardous waste	6,063	7,254	5,046
Waste stored as at the end of the previous year	3,367	2,215	2,244
Total: waste to be managed in the year	13,672	13,687	14,628
Permitted value (data from the integrated permit)	89,627	89,627	89,627
Waste recovered (waste recovery)	10,215	10,836	12,428
Waste treated or disposed of	1,243	607	4
including:			
Incineration	966	519	4
Landfilling	277	81	0
Waste stored on site as at the end of the year	2,214	2,244	2,196
including:			
Hazardous	953	1,044	1,977
Non-hazardous	1,261	1,200	219

Weight of waste transported, imported, exported or treated by Grupa LOTOS in 2011, deemed hazardous under the Basel Convention [tonnes]

Total weight of hazardous waste transported	6,426
Weight of hazardous waste transported to the refinery from external sources - suppliers from outside the LOTOS Group	21
Weight of hazardous waste transported from the refinery to external sources in Poland	6,286
Weight of hazardous waste transported from the refinery to external sources outside of Poland	119
	%
Percentage of waste transported across international borders	1.86

The fact that in 2011 no fine or other sanction was imposed on any of the LOTOS Group companies for non-compliance with environmental laws and regulations attests to the LOTOS Group's high environmental protection standards and shows that the LOTOS Group assigns high priority to environmental protection issues.

Grupa LOTOS duly performs all its obligations resulting from the environmental protection laws, as well as product quality and labelling requirements. If used correctly, Grupa LOTOS' products do not generate any significant environmental impacts.

