

Ciba Inc.
Switzerland

Ciba AG
Schweiz

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WASTE GENERATED [t]

Treatment technology	2003			2004		
	hazardous	non-hazardous	Total for a treatment technology	hazardous	non-hazardous	Total for a treatment technology
Recycling	579'712	14'960	594'672	550'916	17'400	568'316
Incineration	152'818	19'706	172'524	108'991	16'927	125'918
Landfill	26'494	12'253	38'747	23'578	7'326	30'904
Treatment	38'200	797	38'998	40'695	761	41'456
Total for hazardous and non-hazardous	797'224	47'717		724'180	42'414	
Total waste generated			844'941			766'594
Net Value Added [million CHF]			2'341			2'587
Eco-Efficiency Indicator "Waste Generated/Net Value Added" [t/million CHF]			360.9			296.3
Net Value Added [million CHF] at 2000 exchange rates			2'921			3'273
Eco-Efficiency Indicator "Waste Generated/Net Value Added" [t/million CHF] at 2000 exchange rates			289.3			234.2

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Treatment technology	2005			2006			2007		
	hazardous	non-hazardous	Total for a treatment technology	hazardous	non-hazardous	Total for a treatment technology	hazardous	non-hazardous	Total for a treatment technology
Recycling	581'771	25'068	606'839	551'865	15'281	567'146	540'826	13'273	554'099
Incineration	124'086	10'879	134'965	117'879	4'942	122'821	108'807	5'633	114'440
Landfill	23'808	7'287	31'095	17'913	7'624	25'537	16'076	13'903	29'979
Treatment	48'709	1'100	49'809	41'800	911	42'711	43'597	941	44'538
Total for hazardous and non-hazardous	778'375	44'334		729'457	28'758		709'306	33'750	
Total waste generated			822'709			758'215			743'056
Net Value Added [million CHF]			2'412			2'154			2'158
Eco-Efficiency Indicator "Waste Generated/Net Value Added" [t/million CHF]			341.1			352.0			344.3
Net Value Added [million CHF] at 2000 exchange rates			3'051			2'668			2'572
Eco-Efficiency Indicator "Waste Generated/Net Value Added" [t/million CHF] at 2000 exchange rates			269.7			284.2			288.9

Ciba uses its own sophisticated classification of wastes, which is integrated into the SEEP system. This classification into hazardous and non-hazardous wastes is compatible with the Basel Convention and the UNCTAD Eco-efficiency Guidelines. The system does not allow the classification into mineral and non-mineral wastes as described in the reporting structure of the UNCTAD Guidelines, although non-mineral wastes are usually either recycled or incinerated, and mineral wastes are usually landfilled. As we cannot assure that all landfilled waste is of mineral quality, we assume that all waste is non-mineral (worst case scenario). We have classified the wastes as hazardous or non-hazardous and the treatment technology into recycling, incineration, landfill and special treatment. The SEEP system does not allow more detailed categorisation of the treatment technology e.g., closed or open loop recycling.

Recycled wastes include solvents which are recycled in the processes, and under special treatment we include effluents that are transported as hazardous wastes to external treatment facilities. All wastes are categorised by the site's environmental experts, who select the most environmentally suitable method of disposal. If no suitable disposal method is available, then waste is subject to further treatment on site until it is in a form which can be disposed of in the facilities available.

For the year 2006 waste from former TE sites is not included. Consequently Net Value Added 2006 does not include TE.