

Supplementary Materials

Table S1. Investigation table.

Items	Year 2017	Year 2016	Remark	Department of Filling
Green products			Certification name	
Output value of green products: Million Yuan				
Output value: Million Yuan				
Production: t				
Energy consumption				
Raw coal				
crude oil				
natural gas				
Gasoline				
Diesel				
Electricity				
Renewable electricity				
Other energy				
Water consumption				
Water reuse				
List of green materials				
Quantity of green materials				
Raw materials				
Carbon emission: t				
Land use:m ²				
SO ₂ : t				
COD: t				
Category of Solid waste				
Value of solid waste				
Treatment of solid waste				

Table S2. Quantitative indicators of H company in 2017.

First Level Indicators	Second Level Indicators	Value of H Company in 2017
Green product	Ratio of green product production value	13%
	Energy consumption per unit product	1.355 tons of standard coal/ton
	Water consumption per unit product	116.3 tons/ton
Green design	Environment impacts based on LCA	-
	Ratio of green materials	50%
	Ratio of green investments	19.7%
	Recoverability rate of products	0
Green manufacturing	Removable rate of products	-
	Ratio of green equipment	12.4%
	Green transformation rate of process	80%
Environment performance	Energy savings per unit of product	0.157 t standard coal/ t product,
	Carbon emission reduction per unit of product	0.013t/t product
	Electricity savings per unit of product	0.013 kWh/t product
	Reduction in major pollutants of unit product (including COD, SO ₂ , N _x O etc.)	0.0012 t COD /t product
Resource efficiency	Output value per energy consumption	0.306 million Yuan /t standard coal
	Water reuse rate	35%
	Ratio of renewable energy usage	5%
	Material consumption per unit product	2.2 tons/ton
	Output value per unit land use	14,000 yuan/square meter
	Comprehensive utilization rate of industrial solid waste	90%