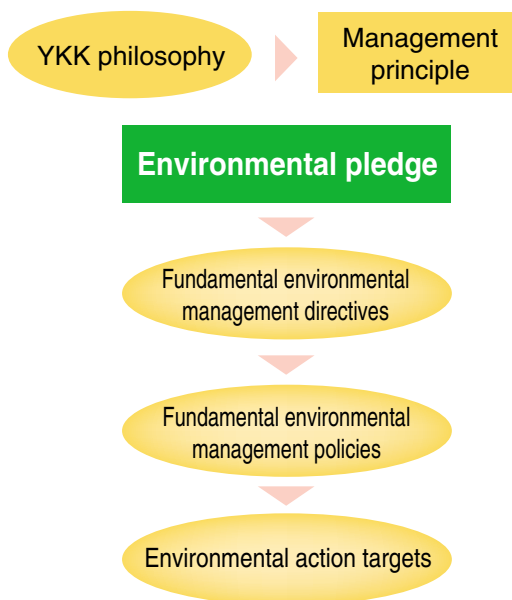


Fundamental environmental management directives and policies

Action targets and achievements

〈YKK Group environmental management system〉



YKK seeks corporate value of higher significance

Top priority: harmony with the environment

Contribution to the creation of a sustainable economy and society

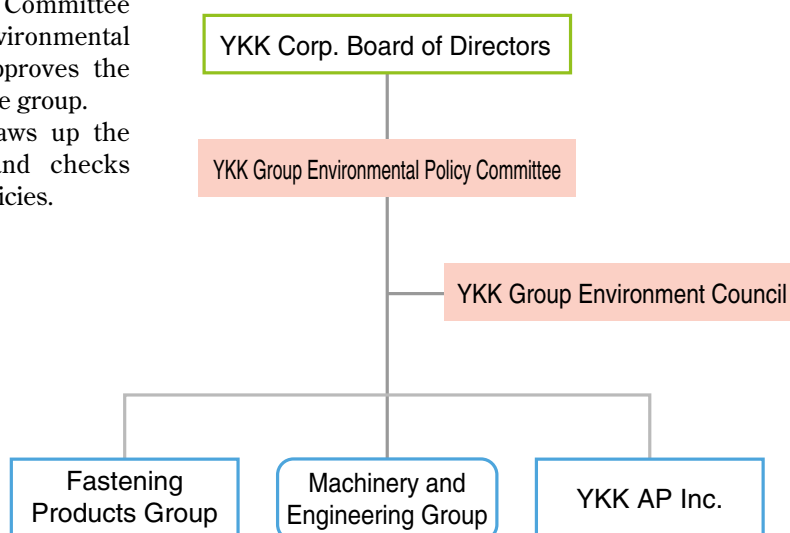
○ Fundamental environmental management policies, action targets and results

We accept our duty to the environment. In order to reduce the environmental impact of our main enterprises, making architectural products and fastening products, the YKK Group has set 4 objectives for our midterm environmental management policies and, in accordance with these, we are striving to achieve our environmental action targets.

Fundamental environmental management policies	Environmental action targets	
Responding and contributing to the green market	1) Development and provision of eco products and services for the green market	<ul style="list-style-type: none"> Promotion of development and provision of eco products Reevaluation of voluntary environmentally friendly standards; product assessment rate increase LCA execution
	2) Use of environmental label	<ul style="list-style-type: none"> Preparation of catalog of environmentally friendly products
	3) Promotion of green procurement (Promotion with business partners)	<ul style="list-style-type: none"> Procurement of environmentally friendly materials manufactured at plants with low environmental impact Promote with business partners
	4) Reduction of volume and facilitation of recycling of wrapping and packaging materials	<ul style="list-style-type: none"> Reduction of packaging materials use (volume reduction, size decrease, reuse) Promotion of recycling collection of wrapping and packaging materials
Making environmental impact reduction management even more thorough	1) Countermeasures against global warming (greenhouse gas reduction, total energy use decrease, transportation efficiency improvement)	<ul style="list-style-type: none"> Continuous reduction of total CO₂ emissions by 1% annually at all main production sites Introduction of clean energy Transportation efficiency improvement; modal shift promotion Promotion of use of regional ports
	2) Promotion of the 3Rs (reduce, reuse, recycle) and reuse of resources between different types of business with the goal of achieving zero emissions	<ul style="list-style-type: none"> Aim to achieve zero emissions at main production sites worldwide by end of fiscal 2005
	3) Chemical substance risk reduction	<ul style="list-style-type: none"> Continuous promotion of use reduction and appropriate management of harmful substances at all main production sites worldwide HCFC-225 for washing (use discontinued by end of fiscal 2010) HCFC-22 for refrigerant (promotion of recovery of refrigerant when air conditioners upgraded or removed) Promotion of chemical substance reduction plan by use of PRTR system
	4) Reduction of environmental impact of Group assets	<ul style="list-style-type: none"> Pollution evaluation of YKK properties
Building and using a global environmental management system	1) Development of global environmental activities	<ul style="list-style-type: none"> Implementation of YKK Group environmental audits at main production sites worldwide
	2) Acquisition and utilization of ISO 14001 certification	<ul style="list-style-type: none"> Acquisition of ISO 14001 certification completed at main production sites worldwide by end of fiscal 2003
	3) Utilization of environmental accounting system	<ul style="list-style-type: none"> Application and utilization of environmental accounting system
Promotion of environmental communication	1) Hold global group environmental conference	<ul style="list-style-type: none"> Management of global environmental data sources
	2) Publication of environmental data	<ul style="list-style-type: none"> Continued publication of environmental report Entry in environmental exhibitions Preparation of environmental education system Diffusion of eco products information
	3) Symbiotic relationship with global society	<ul style="list-style-type: none"> Promotion of social activities

〈Organizational chart for YKK Group Environmental Policy Committee〉

The Environmental Policy Committee decides the fundamental environmental management directive and approves the environmental action plan for the group. The Environment Council draws up the environmental action plan and checks departmental environmental policies.



(Evaluation of results: ○ Target achieved △ Target partially achieved × Target not achieved)

Fiscal 2003 targets	Fiscal 2003 achievements	Evaluation	Page
<ul style="list-style-type: none"> Preparation of voluntary environmentally friendly product standards Increase rate of product assessment Implement LCA system 	<ul style="list-style-type: none"> Preparation of environmentally friendly product standards and environmental labeling standards Product assessment rate of 90% LCA system preparatory investigations completed 	○	P10-13
<ul style="list-style-type: none"> Preparation of environmentally friendly products catalog for architectural products business (Eco Clover) 	<ul style="list-style-type: none"> Publication of Eco Products Introduction (Nov. 2003) pamphlet on Eco Clover architectural materials Eco Message 2004 published (Feb. 2004) 	○	P10 P37
<ul style="list-style-type: none"> Procurement of environmentally friendly products manufactured at plants with low environmental impact Promotion with business partners 	<ul style="list-style-type: none"> Implementation of questionnaire to some business partners 	△	P15
<ul style="list-style-type: none"> Continuously promote reduction of packaging materials use at main domestic plants Expand recycling collection area of wrapping and packaging materials 	<ul style="list-style-type: none"> 0.2% reduction of previous year level; 27% reduction of 1998 level Investigation of wide area recycling system 	△	P16
<ul style="list-style-type: none"> Reduce CO₂ emissions at main domestic plants by 1% from previous year Improvement of truck loading efficiency for transport to customers Install speed-limiting devices on large trucks and make diesel truck NO_x restriction compliant 	<ul style="list-style-type: none"> 0.3% reduction of previous year level; 21.6% reduction of 1990 level Transport truck loading efficiency improved 3% Speed-limiting devices installed on large trucks (Sept. 2003) Diesel trucks made NO_x restriction compliant (Oct. 2003) 	△	P17-18
<ul style="list-style-type: none"> Raise recycling rates of industrial wastes at main domestic plants to 85% 	<ul style="list-style-type: none"> Recycling rate of 86% (9% increase over previous year) 	○	P19-20
<ul style="list-style-type: none"> CFC-11 for refrigerant (use discontinued by end of fiscal 2003) HCFC-141b for foaming (use discontinued by end of fiscal 2003) Implement chemical risk communication 	<ul style="list-style-type: none"> Elimination of CFC-11 for refrigerant use Elimination of HCFC-141b for foaming use Initiation of research on chemical risk communication 	○	P21-22
<ul style="list-style-type: none"> Comply with Soil Contamination Countermeasures Law 	<ul style="list-style-type: none"> Begin soil contamination inspection of company properties 	○	P23
<ul style="list-style-type: none"> Implement Group environmental audits 	<ul style="list-style-type: none"> Group environmental audits implemented (Indonesia, Taiwan, Thailand, India) 	○	P26
<ul style="list-style-type: none"> Complete acquisition of ISO 14001 certification at main production sites worldwide 	<ul style="list-style-type: none"> Certification acquired by 1 domestic Group company site Certification acquired by 8 main production sites abroad (Certification acquired by 50 main production sites worldwide) 	○	P25
<ul style="list-style-type: none"> Application and utilization of environmental accounting system 	<ul style="list-style-type: none"> Utilized as segment accounting 	○	P27-28
<ul style="list-style-type: none"> Hold first global environmental conference Create global environmental database 	<ul style="list-style-type: none"> Global environmental conference held for each type of business (Sept. and Dec. 2003) Global environmental database built 	○	P39-40
<ul style="list-style-type: none"> Publication of environmental report Entry in environmental exhibitions Educational tools and system prepared 	<ul style="list-style-type: none"> Publication of YKK Group Environmental Report 2003 (Jul. 2003) Items entered in Eco Products 2003 (Dec. 2003) and Toyama Fair (Oct. 2003) Environmental education for provisionally accepted new employees implemented and Environmental Action 25 (for the workplace + one) created 	○	P37
<ul style="list-style-type: none"> Promotion of social activities 	<ul style="list-style-type: none"> Volunteer environmental activities in every region Environmental education events held 	○	P35-37