

III • Relationship of YKK Group business with the environment

Helping to build a recycling-oriented society

In order to contribute to building a recycling-oriented society, the YKK Group is carrying out global activities with the following four items as the intermediate environmental management policy:

1. Promotion of development and provision of eco products

The four keywords "save energy," "save resources," "recycle," and "ecosystem-friendly" as a basic concept, we began to execute environmental product assessment at the design stage. Furthermore in fiscal 2001, we began to work on Life Cycle Assessment (LCA) of our main products so the products environmental contribution could be reliably assessed.

2. Make operations even more efficient to reduce stress on the environment

We have also engaged in sorting and recovering our packaging and packaging materials from customers and have planned for expansion of service to recycle at reuse or recycling plants.

3. Build and use a global environmental management system

Obtaining ISO 14001 certification is more or less

going according to plan.

4. Promotion of environmental communication

We published the "ECO MESSAGE 2002" catalog of environment-friendly products to help government, local communities, businesses and consumers select at the time of green purchasing.

Along with promoting the plan to complete our lineup of environment-friendly products, obtain YKK Group domestic integrated ISO 14001 certification, use the environmental accounting system and improve environmental efficiency, we plan to publish environmental information and improve communication.

The results of our initiatives for fiscal 2001, examples and future initiative are given below. We'd be happy to

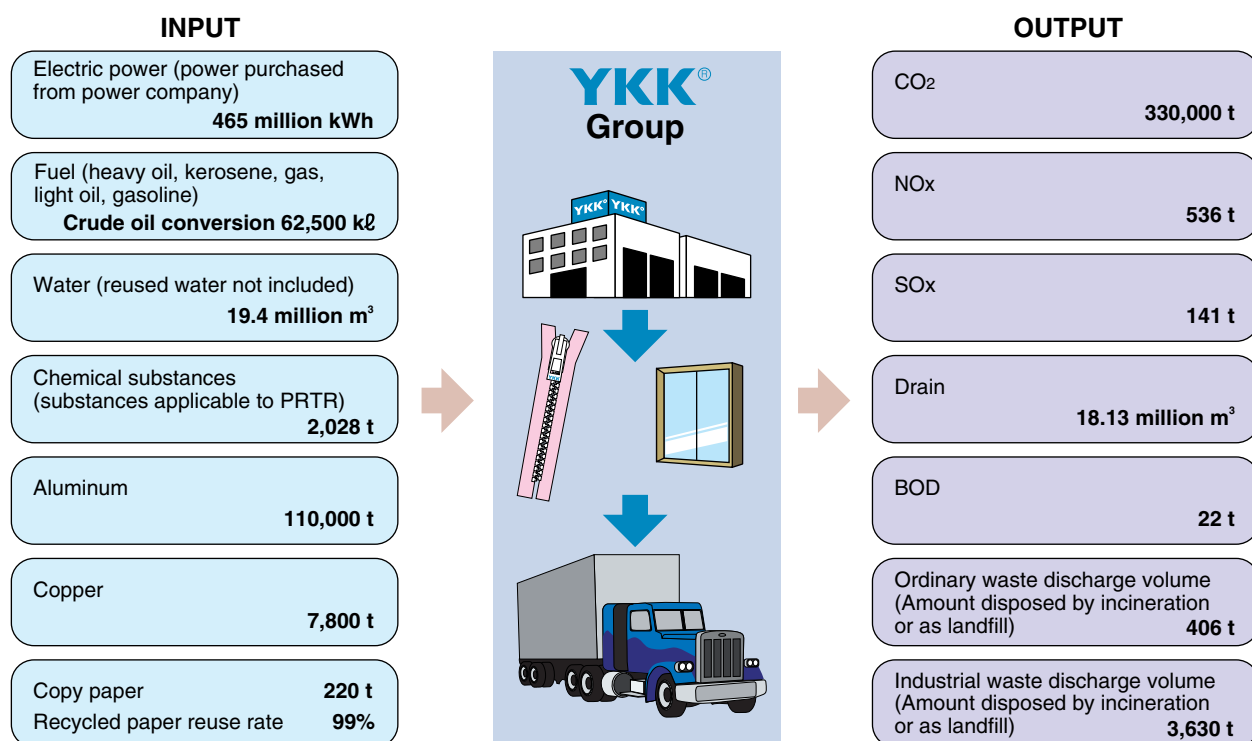
hear zny comments you have.
Thank you very much.



YKK Group
Chairman,
Environmental Policy Committee
Director, YKK Corp.
Yasuo Morino

Environmental action targets		
Promotion of development and provision of eco products	1) Development and provision of environment-friendly products and services for green procurement / purchasing of government, local communities, businesses and consumers	<ul style="list-style-type: none"> •Preparation of environment-friendly voluntary standards based on Law on Promoting Green Purchasing and recycling laws •Preparation of catalog of environment-friendly products •LCA execution
	2) Promotion of green purchasing	<ul style="list-style-type: none"> •Determination of green purchasing and green procurement standards •Procurement of environment-friendly materials manufactured at plants that place minimal stress on the environment
	3) Reduction of volume and facilitation of recycling of packaging and packaging materials	<ul style="list-style-type: none"> •7% reduction fiscal 1998 level of basic packaging materials unit requirement by end of fiscal 2003 •Packaging and packaging material recycling achieved by end of fiscal 2005
Make operations even more efficient to reduce stress on the environment	1) Countermeasures against global warming	<ul style="list-style-type: none"> •10.4% reduction of fiscal 1999 level of energy unit requirement at main domestic plants by end of fiscal 2005 •10.1% reduction of fiscal 1999 level of energy consumption at main domestic plants by end of fiscal 2005 •13.8% reduction of 1990 level of CO₂ discharge at main domestic plants by end of fiscal 2005 •Introduction of green energy
	2) Zero emission	<ul style="list-style-type: none"> •Achievement of zero emission of ordinary waste at main domestic plants by end of fiscal 2002 •Aim to achieve zero emission at main bases throughout the world by end of fiscal 2005 •10% reduction of fiscal 1998 level of amount of copy paper purchased by end of fiscal 2003 •Promotion of garbage recycling
	3) Reduced risk of chemical substances	<ul style="list-style-type: none"> •CFC-11 for refrigerant (use discontinued by end of fiscal 2003) •HCFC-141b for refrigerant (use discontinued by end of fiscal 2002) •HCFC-225 for refrigerant (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 •Environmental impact assessment conducted at site (environmental assessment) •Pollution control regulations when purchasing property (established based on preparation of law)
	4) Enhancement of transportation efficiency	<ul style="list-style-type: none"> •Promotion of modal shift •Promotion of use of regional ports
Build and use of a global environmental management system	1) ISO 14001 certification obtained as main sales, service, office and development bases and main production bases	<ul style="list-style-type: none"> •Acquisition of ISO 14001 certification at all domestic YKK Group by the end of fiscal 2003 •Acquisition of ISO 14001 certification completed at major production bases of the world by the end of fiscal 2003 •Implementation of YKK Group internal environmental inspection at all major production bases of the world
	2) Introduction of environmental accounting system	<ul style="list-style-type: none"> •Application and utilization of environmental accounting system •Establishment of environmental efficiency index
Promotion of environmental communication	Publication of environmental data	<ul style="list-style-type: none"> •Continued publication of environmental report •Entry in environmental exhibitions •Use of environmental label •Preparation of environmental education system
	Symbiotic relationship with global society	<ul style="list-style-type: none"> •Promotion of social activities

Environmental stress mass-balance of YKK Group domestic plants/offices



Fiscal 2001 targets	Fiscal 2001 achievements	Page
<ul style="list-style-type: none"> •Preparation of environment-friendly products catalog for building materials business •LCA implemented for main products 	<ul style="list-style-type: none"> •ECO MESSAGE published 2002 (Jan. 2002) •LCA implemented for main building material products 	29 20-21
<ul style="list-style-type: none"> •Full line of green purchase products •Awareness education •4% reduction fiscal 1998 level of basic packaging materials unit requirement for main domestic plants •Recovery of packaging materials, expansion of recycling area 	<ul style="list-style-type: none"> •New registration of 100 items •Questionnaire survey concerning green purchasing conducted for employees •19% reduction of previous year level; 19% reduction of 1998 level •Expansion of recycling area 	10 18-19
<ul style="list-style-type: none"> •6% reduction of fiscal 1999 level of energy unit requirement at main domestic plants •7% reduction of fiscal 1999 level of energy consumption at main domestic plants •8% reduction of 1990 level of CO₂ discharge at main domestic plants 	<ul style="list-style-type: none"> •1.5% reduction of previous year level; 3.7% reduction of 1990 level •7.1% reduction of previous year level; 13.5% reduction of 1990 level •6.4% reduction of previous year level; 24.5% reduction of 1990 level 	12-13
<ul style="list-style-type: none"> •60% reduction of 1990 level of industrial waste unit requirement at main domestic plants •Used paper recovery rate to 88% at main domestic plants •Study of changing garbage to fertilizer 	<ul style="list-style-type: none"> •30% reduction of previous year level; 57% reduction of 1990 level •7% improvement over previous year level (0.6% improvement of recovery rate), used paper recovery rate 85.2% •Fertilizer experiment started 	14-15
<ul style="list-style-type: none"> •Preparation of foundation for reduction of toxic substances •Collection of data on soil study 	<ul style="list-style-type: none"> •Impact assessment, reduction plan preparation, establishment of promotion system 	11 16-17
<ul style="list-style-type: none"> •Total joint transport implemented for factories, distribution and management •Improvement of truck loading efficiency for transport to customers •YKK Singapore Pte. Ltd. •Zipco Indonesia •YKK Alumico Indonesia Tangerang plant •Dairen YKK Zipper Co., Ltd. •YKK Spain •YKK Taiwan (F) •YKK India •YKK Egypt •YKK Italy •YKK Brazil (F) •YKK AP Manufacturing Group (total 17 plants): Certification range expanded •YKK Corporation Kurobe plant Machinery Engineering Group: Certification range expanded 	<ul style="list-style-type: none"> •Joint transport completed •Transport truck loading efficiency improved 10% •Obtained June 2001 •Obtained June 2001 •Obtained July 2001 •Obtained July 2001 •Obtained November 2001 •Obtained November 2001 •Obtained December 2001 •Obtained December 2001 •Obtained March 2002 •Obtained March 2002 •Expansion approved May 2001 / January 2002 •Expansion approved October 2001 	17 6-7
<ul style="list-style-type: none"> •Application and utilization of environmental accounting system 	<ul style="list-style-type: none"> •Utilized as segment accounting 	8-9
<ul style="list-style-type: none"> •Publication of environmental report •Entry in environmental exhibitions 	<ul style="list-style-type: none"> •Publication of YKK Group 2001 environmental report (August 2001) •Items entered in Eco Products 2001 (Dec. 2001) and Toyama Fair (Oct. 2001) 	28-29
<ul style="list-style-type: none"> •Promotion of social activities 	<ul style="list-style-type: none"> •Cleanup activities implemented in various areas 	