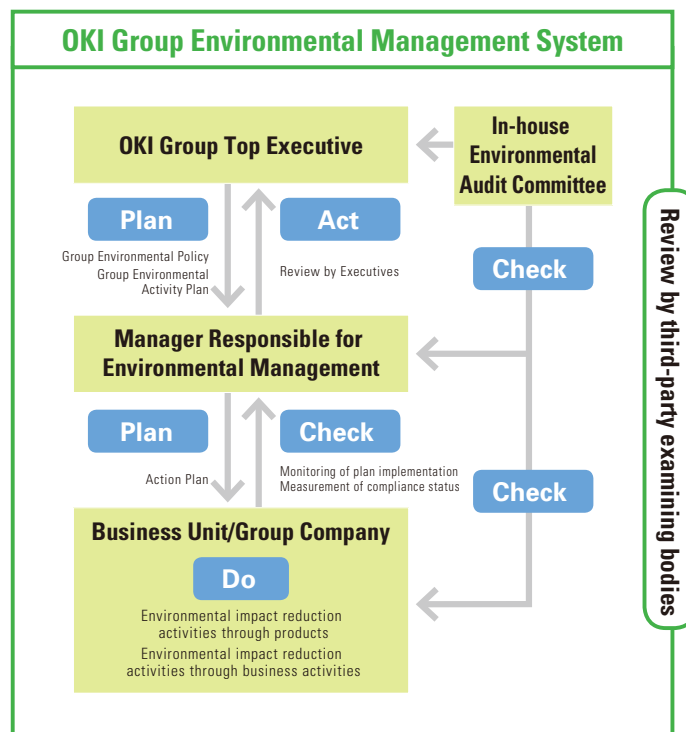


# CONSIDERATION FOR THE ENVIRONMENT

On the basis of the “OKI Group Environmental Policy” developed by taking environmental issues into consideration, the OKI Group plans specific activities and implements them under the banner of our “Environmental Vision 2020” that comprises mid- and long-term targets around four themes. Moreover, we operate environment management systems for the entire Group as the foundation for our environmental management.

### OKI Group Environmental Vision 2020

- 1.Realization of low-carbon societies**  
Maximize energy consumption efficiency in the business operations, and reduce energy consumption by 8% per nominal sales (corresponds to 12% reduction per real sales) from fiscal 2012. Contribute to the realization of low-carbon societies by continuously providing environmentally friendly products and services.
- 2.Prevention of pollution**  
Reduce emission of chemical substances, that can adversely affect people’s health and environment, into the atmosphere and water system by 8% per nominal sales (corresponds to 15.5% reduction per real sales) from fiscal 2012.
- 3.Resource circulation**  
Increase the amount of recycling of used products by 25% from fiscal 2012. In addition, minimize the new input resources through expanded recycling of waste materials, reduced input material during production and promotion of environmentally friendly designs.
- 4.Biodiversity conservation**  
Engage in conservation and sustainable use of biodiversity through prevention of global warming, prevention of air and water pollution caused by chemical substances, expansion of recycling processes and minimization of new input resources.



## OKI Group Main Environmental Activity Plan (Fiscal Year 2015): Targets and Achievements

Category	Activity Content	Fiscal 2015 Targets → Outcome
<b>Realization of low-carbon societies</b>		
Products	Development of energy-saving products	5 or more products → 7 products (reduction of over 50% in comparison to conventional products)
Business activities	Energy-savings in business locations (plants and offices)	Reduction of 8% or more → 1% reduction (consumption vs FY2012*1)
<b>Prevention of pollution</b>		
Products	Development of products complying with regulations on chemical substances in products	30 or more products → 49 products
Business activities	Reduction of chemical substance emissions from plants (atmosphere/water/soil)	Reduction of 7% or more → 3.2% reduction (consumption vs FY2012*2)
	Compliance with chemical substance related regulations (atmosphere/water/soil)	Compliance with legal audits; zero legal violations → achieved
<b>Resource circulation</b>		
Products	Recycling of used products	Over 4,000t → 3,330t
	Development of easily recyclable products	20 or more products → 30 products
Business activities	Reduction and appropriate disposal of waste	Implement zero emissions at 11 sites in Japan → achieved
<b>Common</b>		
Biodiversity conservation	Realization of low-carbon societies/prevention of pollution/resource circulation	Promotion of the above initiatives
Employee education	Implementation of training based on in-house needs	Comprehension level 95 points → 95 points (14 lectures conducted)

\*1 Energy consumption (converted in crude oil: kℓ)/consolidated sales (100 million yen)

\*2 Chemical substance emissions (t)/output (Billions of yen)

## Environmental Activities across Life-cycles

As an enterprise supporting social infrastructure, the OKI Group delivers safety and security to customers and communities, while ensuring its compliance with laws and regulations and reduction of environmental impacts in each step of product life-cycle.

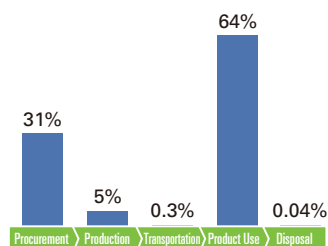
### •OKI Group Life-cycle CO<sub>2</sub> Emissions

The OKI Group conducts life-cycle CO<sub>2</sub> surveys so as to grasp CO<sub>2</sub> emissions across its entire supply chain in Japan and overseas.

The survey results showed that the entire Group's CO<sub>2</sub> emissions across all life-cycles came to about 2 million tons, and about 60% of these emissions are from when our products are in use. We thus need to do more to improve the energy efficiency of our products while ensuring we satisfy our customers' needs.

The OKI Group is pushing forward with measures to promote reductions in environmental impacts such as improving the energy efficiency of our products.

**Breakdown of the Ratios of OKI Group Life-cycle CO<sub>2</sub> Emissions (FY 2015)**



### •Internal System to Promote Energy-Saving Products

The OKI Group has introduced a system to certify products with superior environmental performance as "OKI Eco Products." For energy-efficient performance in particular, the system promotes the development energy-saving products by establishing standards for three levels of energy-savings effect with the highest rank going to products that reduce energy use by at least 50% versus the previous model and others.

In fiscal year 2015, seven products were newly registered in the system under the highest rank of "Eco Product Double Plus."

## Initiatives to Reduce Environmental Impacts via Products

We are actively pressing forward with initiatives on "the reduction of power consumption," "conformity with regulations to control chemical substances," and "resource conservation" so we can contribute to reducing our environmental impact by offering environmentally-friendly products.

### •Standby Power Consumption

#### Key for Energy-saving ATMs

"ATM-Bank IT Pro" and the space-saving ATM "CP21Z" consume much less electricity in standby mode than the previous models. Energy-saving features such as flexibility to manage the power source of each peripheral unit individually while ensuring instant startup from standby mode so as not to affect ease-of-use for customers successfully reduced electricity use by up to 75% for "ATM-Bank IT Pro" and by up to 60% for "CP21Z".



ATM "CP21Z"

## Initiatives to Reduce Environmental Impacts in Business Activities

At every OKI Group site, various activities to contribute to reducing our environmental impacts are moving forward.

### •Production Line Reforms Reduce Electricity and Resource Use by 70%

At Nagano OKI, the introduction of Point DIP machines for attaching electronic parts to printed circuit boards reduced electricity use for this stage of the production process by 74% and solder use by 70%.

Before this, vast amounts of electricity were required to heat the solder into a molten form so entire circuit boards could be dipped into the molten solder bath and the parts soldered onto the boards. With Point DIP machines, it is possible to apply solder at the necessary spots with pinpoint precision, sharply reducing electricity and solder use.

## Environmental Activities of the OKI Group from the Perspective of Life-cycle

	Procurement	Production	Transportation	Product Use	Disposal
Low-carbon societies	<ul style="list-style-type: none"> <li>Selection of energy-efficient components</li> <li>Reduction in transportation frequency through bulk purchase</li> </ul>	<ul style="list-style-type: none"> <li>Improvement of production efficiency</li> <li>Re-examination of facility operations</li> <li>Renewal of production facilities</li> </ul>	<ul style="list-style-type: none"> <li>Modal shifts</li> <li>Optimization of product loading</li> <li>Reductions in size and weight</li> </ul>	<ul style="list-style-type: none"> <li>Energy-saving products</li> <li>Use of remote maintenance</li> <li>Simplification of organization</li> </ul>	<ul style="list-style-type: none"> <li>Shortening of product recovery routes</li> <li>Use of biomass plastic</li> </ul>
Prevention of pollution	<ul style="list-style-type: none"> <li>Procurement of components and materials that do not contain hazardous substances</li> </ul>	<ul style="list-style-type: none"> <li>Reduction of chemical substance usage and emission</li> <li>Prevention of mixing hazardous substances</li> <li>Adoption of replacement substances</li> </ul>	<ul style="list-style-type: none"> <li>Adoption of packing materials that do not contain prohibited substances</li> </ul>	<ul style="list-style-type: none"> <li>Reduction in the quantity of chemical substances used in products and packing materials</li> </ul>	<ul style="list-style-type: none"> <li>Reduction in the quantity of chemical substances used in products and packing materials</li> </ul>
Resource circulation	<ul style="list-style-type: none"> <li>Optimization of procurement</li> <li>Reuse of packing materials</li> </ul>	<ul style="list-style-type: none"> <li>Optimization of input materials</li> <li>Optimization of input resources</li> <li>Recycling of waste</li> </ul>	<ul style="list-style-type: none"> <li>Simple packing</li> <li>Reuse of transportation materials</li> </ul>	<ul style="list-style-type: none"> <li>Extension of product lifespan</li> <li>Reduction of maintenance components</li> </ul>	<ul style="list-style-type: none"> <li>Recycling of used products</li> <li>Design for simple recycling</li> <li>Reductions in size and weight</li> </ul>

Details of the OKI Group's environmental activities are provided in the "OKI Group Environmental Report" and on our website.



Website "Environmental Conservation":  
<http://www.oki.com/en/eco/>