

Environment



Based on recognition of the fact that it is our responsibility to maintain the health of the global environment as an irreplaceable asset for future generations, we, Toshiba Tec Group, contribute to the creation of new values and harmony with the Earth.

Vision & Strategies

Promotion of “Three Greens” and “Sustainability” based on “Environmental Vision 2050”



We, Toshiba Tec Group as a reliable partner, are promoting activities based on Toshiba Group's Environmental Vision 2050 aimed at realizing a world where people can lead affluent lives in harmony with the Earth. Based on the following three Greens and Sustainability as a concept, we will focus on reducing the environmental impact in every product and business activity to proceed from the perspectives of “mitigation of climate change”, “efficient use of resources” and “management of chemicals”. We will also contribute to the realization of a de-carbonized society, recycle oriented society and coexisting with nature society, as well as the achievement of SDGs, such as climate change and sustainable consumption and production.

Integration of business management and environmental management

Implementation of measures with 3 Greens and Sustainability

Green Management	Greening of Products	Greening of Process
Continuous improvement of basic activities	Creation of products with the highest environmental performance	Environmentally conscious manufacturing
Sustainability		
Contribution to the realization of a de-carbonized society, recycle oriented society and coexisting with nature society		

Environmental Promotion Structure



Toshiba Tec Group's Basic Policy for the Environment

Toshiba Tec Group, as a reliable partner which offers global one-stop solutions for its core businesses consisting of Retail business, Printing business and AI/IJ business, contribute to the realization of a sustainable society by integrating business activities with environmental activities aiming for a de-carbonized society, recycle oriented society and coexisting with nature society through "Monozukuri" or by creating environmentally conscious products, in order to hand over the "precious global environment" to the next generation in a sound condition.

Toshiba Tec Group practices global eco management by the important pillar such as "Green Management, Greening of Products, Greening of Process and Sustainability" and contributes to achievement of SDGs such as "climate change mitigation and sustainable consumption and production".

1. Green Management

- Toshiba Tec Group assesses the environmental impacts of its business activities, products and services on the environment, specifies and promotes objectives and targets with respect to the prevention of environmental pollution, use of sustainable resources, mitigation and response to climate change, and conservation of biodiversity.
- Toshiba Tec Group strives to continually improve environmental management through internal audits and reviews of activities.
- Toshiba Tec Group complies not only with laws and regulations applied in countries or regions all over the world, but also with industry guidelines, which it has endorsed, for environmental protection.
- Toshiba Tec Group provides environmental education, conducts educational campaigns, and expands each employee's environmental awareness to promote environmental activities.
- Toshiba Tec Group actively and widely discloses its environmental policy and activities inside and outside the Group.
- Toshiba Tec Group participates in society-wide environmental activities in cooperation with administrations, communities and bodies concerned.

2. Greening of Products

- Toshiba Tec Group pursues the highest level of environmental performance on its products, then, aims at creation of Excellent ECPs and wide acceptance in the market.
- Toshiba Tec Group reduces environmental impacts throughout a life cycle through green procurement of environmentally conscious materials and parts, resource and energy conservation, and abolition of specified chemical substances, in order to provide environmentally conscious products on a global basis.
- Toshiba Tec Group advances distribution of ECPs and services, to contribute to the reduction of environmental impacts of the products or services when used by customers.
- Toshiba Tec Group contributes to the establishment of a recycle oriented society, while collecting and recycling end-of-use products and reusing end-of-use parts.

3. Greening of Process

- Toshiba Tec Group strives toward resource, energy and water conservation, as well as correct control of chemical substances, for environmentally conscious production, marketing and servicing, allowing for regional situation.
- Toshiba Tec Group aims at realizing a de-carbonized society, recycle oriented society and coexisting with nature society through "Monozukuri" and by improving the efficiency of logistics operations.

4. Sustainability

- Toshiba Tec Group contributes to a sustainable society through its environmental activities, which include the development and provision of outstanding environmental conscious technologies and products in cooperation with society at large and with local communities, and maximizes disclosure and transparency in communication with stakeholders and society at large.

The Sixth Environmental Action Plan

Based on world trends including SDGs and ESG investment as well as Toshiba Group's policy, we formulated the Sixth Environmental Action Plan and have started activities since fiscal 2017. In fiscal 2018, while all quantitative targets were achieved, qualitative targets were smoothly achieved. We will keep making efforts to achieve the targets by fiscal 2020.

Action area	Indicator	FY2018	FY2019	FY2020	FY2018	
		Target	Target	Target	Result	
Green Management	Environmental risk compliance / Environmental human resource development	Strengthen compliance systems at overseas/domestic sites by training environmental auditors and enhancing their performance.			Refer to page 19.	
	External communication (Implementation of Global Environmental Action)	Set a theme of recommended activities for each fiscal year and expand the range of Global Environmental Action activities.			Refer to page 22.	
	Biodiversity	Expand the activities at all manufacturing sites for the 10 Aichi Biodiversity Targets.			Refer to page 21.	
Greening of Products	Overall	Creation of Excellent ECPs			To gain the certification against all models which aim at certification of Excellent ECP in each fiscal year (100%)	100%
	Mitigation of Climate Change	Reduce the amount of CO ₂ emissions. (thousand t) *1	14.7	15.2	14.8	16.1
	Efficient Use of Resources	Expand the amount of resources (thousand t) saved. *2	2.34	2.27	2.08	2.35
		Expand the amount of recycled resources (recycled plastic) used. (t) *3	577	580	592	579
Management of Chemicals	Reduce the amount of specified chemicals.	Complete the reduction from products for EU before the start of restriction by eliminating specific phthalates.			Completed for new products and products for EU region	
Greening of Process	Mitigation of Climate Change	Total amount of greenhouse gas (GHG) emissions (thousand t - CO ₂) *4	6.37	6.40	6.53	5.98
		Amount of CO ₂ emissions from energy use per unit consumption (t-CO ₂ /100 million yen)(compared to FY2013 levels) **	57.35 (93%)	56.66 (92%)	55.94 (91%)	54.7 (88%)
	Efficient Use of Resources	Amount of waste needed payment to disposal including 0 cost (t) *5	1,267	1,268	1,276	930
		Amount of generated wastes per unit consumption (t/100 million yen)(compared to FY2013 levels)	3.17 (90%)	3.11 (88%)	3.05 (86%)	2.79 (80%)
		Volume of received water per unit consumption (thousand m ³ /100 million yen)(compared to FY2013 levels)	0.64 (94%)	0.63 (92%)	0.60 (89%)	0.51 (76%)
		Management of Chemicals	Amount of released chemical substances per unit consumption (kg/100 million yen)(compared to FY2013 levels)	45.8 (81%)	45.5 (80%)	44.9 (79%)

*1: [CO₂ emissions of assumed substitute products] - [CO₂ emissions of shipped products] (Compares annual emissions during the usage stage and cumulates emissions for half the product life)

*2: [Mass of assumed substitute products] - [Mass of shipped products] *3: [Amount of recycled plastics] / [Amount of plastics used for products] x 100

*4: Receiving end power is used for the power factor. 5.67 t-CO₂/10 thousand kWh is used in fiscal 2013 and 5.31 t-CO₂/10 kWh is used in fiscal 2018 and later in Japan. WRI/WBCSD GHG Protocol data in fiscal 2009 is used overseas.

*5: [Waste volumes] = [Total volume of waste generated] - [Total volume of waste sold]

ENVIRONMENT

Greening of Products

We pursue the creation of products with the highest environmental performance and reduce environmental impact throughout the life cycle of all products developed.

Development of Products with the Highest Environmental Performance

We pursue the highest level of environmental performance for all products developed, and advance “Greening of Products” activities aimed at reducing environmental impact throughout the product life cycle.

First, we set “eco-targets” for the development of products with the highest environmental performance at the time of product release, in the stages from business strategy to product planning based on technological and competitor trends.

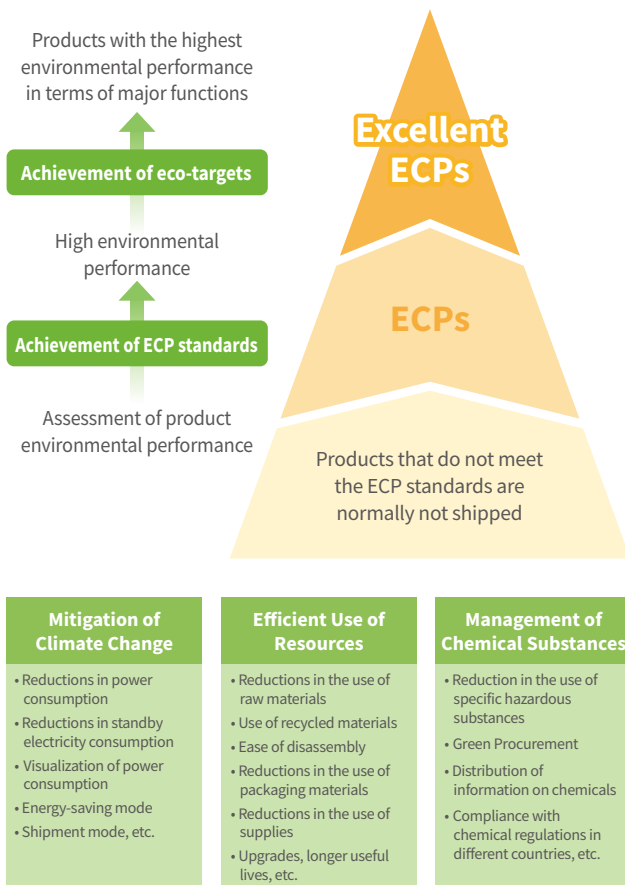
Then, in the development and design stages, we conduct environmental assessments to make sure that products comply with laws and regulations and meet the ECP*¹ standards in all three aspects (mitigation of climate change, efficient use of resources and management of chemicals) in each stage of the life cycle.

In the product approval stage, we check the level of achievement of “eco-targets” and compliance with the ECP standards, and then, certify those products with the highest environmental performance as “Excellent ECPs”.

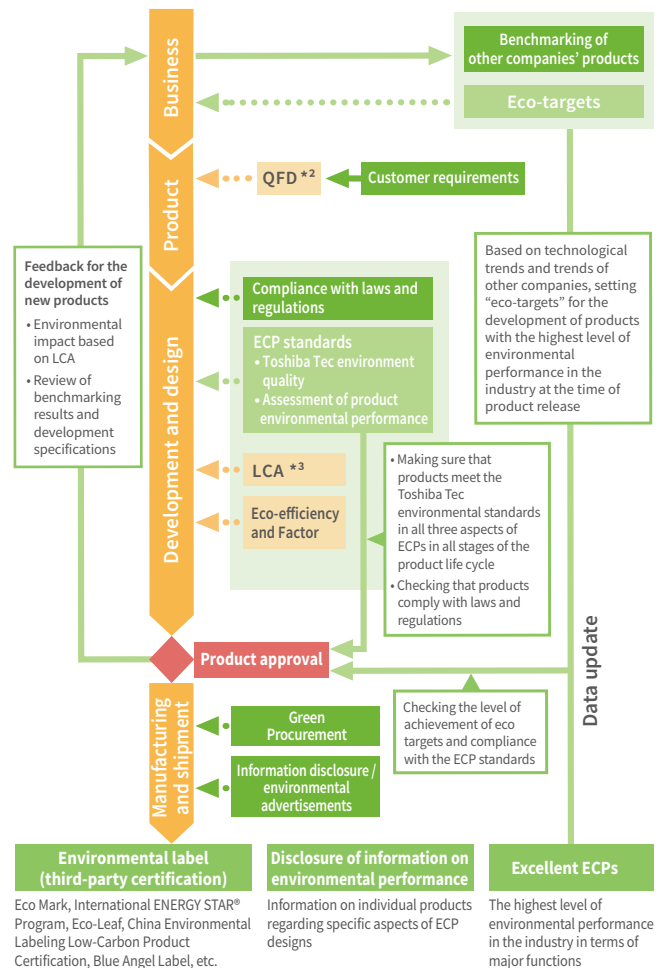
There are concerns everywhere about the demand for social infrastructure products, increased consumption of electricity and resources. In order to reduce environment impact, we aim at creating and further increasing the number of Excellent ECPs with the highest environmental performance in the industry.

*1: Environmentally Conscious Products (ECPs) are designed to minimize environmental impact in all stages of the product life cycle, including procurement of materials, manufacturing, distribution, usage, disposal and recycling.

Basic Policy for the Greening of Products



System for the Greening of Products



*2 QFD: Quality Function Deployment *3 LCA: Life Cycle Assessment

Main Products Certified as Excellent ECPs in Fiscal 2018

e-STUDIO5015AC Color MFP

Released in November 2018



Top-level Typical Electricity Consumption (TEC)*¹ by improving thermal conductivity of the fusing belt and succeeding use of low-temperature fusing toner



Highest amount of resources saved*¹ through increase in the recycled plastics use ratio by using materials with high post-consumer recycled material

e-STUDIO4518A Monochrome MFP

Released in November 2018



Top-level TEC*¹ by reducing the heat capacity of the heat and pressure rollers and succeeding use of low-temperature fusing toner



e-STUDIO7516AC Color MFP

Released in November 2018

e-STUDIO5518A/6518A/7518A/8518A Monochrome MFPs

Released in November 2018



Top-level TEC*¹ by using high efficiency IH fuser unit and low-temperature fusing toner



*1: At the time of product launch; the current position is not guaranteed.

Environmental Label and Act on Promoting Green Purchasing

We disclose information regarding many products compliant with the evaluation criteria of environmental labels and Act on Promoting Green Purchasing

■ Eco Mark

Eco Mark is a Japan's environmental labeling program launched by the Japan Environment Association in 1989. The Eco Mark is attached to products which have a lower environmental impact in the stages from production to disposal, and contribute to environmental protection. Our copiers and MFPs are certified as Eco Mark products.



■ International ENERGY STAR® Program

It certifies office automation equipment that meets certain standards of energy conservation as ENERGY STAR compliant. A variety of our domestic and overseas copiers and MFPs are compliant with the ENERGY STAR Program. The International ENERGY STAR Program standards will be reviewed along with the advancement of energy-saving technologies for applicable products. Accordingly, we will proceed with product development in response to future revisions of the standards.



■ Act on Promoting Green Purchasing

The Act on Promoting Green Purchasing was put into force in April 2001 and obliges national governmental bodies to formulate green procurement policies and to procure eco-friendly goods. In other words, the government takes the lead to promote the procurement of eco-friendly goods. We disclose information regarding copiers and MFPs compliant with the evaluation criteria of designated procurement items in brochures and websites (List of Products compliant with the Act on Promoting Green Purchasing).

Green Procurement

We implement green procurement in the procurement stage of raw materials. We also aim to procure articles with a lower environmental impact from suppliers that aggressively promote activities for environmental conservation. In addition, we have been working on reducing phthalates since 2015.

■ Suppliers' activities for environmental conservation

We prioritize suppliers who perform proactive activities for environmental conservation. We have prepared the Guidelines for Green Procurement in Japanese, English and Chinese to check the status of implementation of suppliers.

Activities for environmental conservation

1. Formulating environment policy
2. Establishing and maintaining a system for environmental conservation
3. Training and monitoring of system performance

■ Data utilization

We request our suppliers to provide data on environment-related substances for articles to be supplied in the survey format based on our Guidelines for Green Procurement, to collect data on the green procurement support system. We use the collected data to develop ECPs.

■ Control of environment-related substances for articles to be procured

We request our suppliers to comply with environment-related laws, regulations and control standards, such as RoHS and REACH that spread from Europe to the rest of the world. We also request them to provide parts and raw materials with a lower environmental impact.

Control of environment-related substances

1. Make every supporting organization and suppliers understand the requirements.
2. Realize the requirements for control of environment-related substances.
3. Reply to our inquiries about control of environment-related substances.
4. Obtain necessary information from suppliers as base data for your reply.
5. Perform sample tests or obtain sample test results from suppliers if necessary.
6. Investigate suppliers' control systems.
7. Understand information on chemical substances whose inclusion will be prohibited.

Greening of Process

We are working on "Monozukuri" product manufacturing, which can minimize the input of energy, resources and chemical substances, as well as the output of CO₂, waste and chemical substance in our manufacturing processes worldwide.

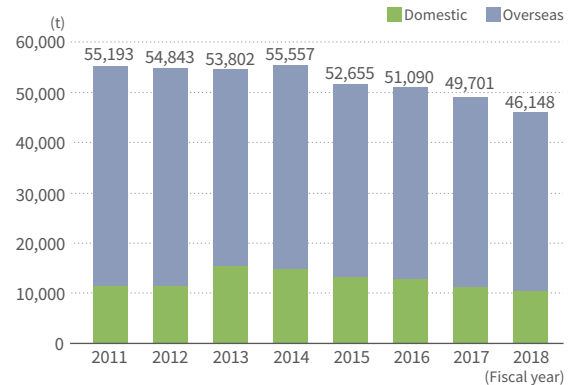
Mitigation of Climate Change

■ Minimizing the increase of CO₂ by using energy

We effectively use energy to reduce CO₂ emissions.

We continue to reduce emissions by carrying out a variety of actions mainly in overseas sites, such as switching to LED lighting, update to energy-saving equipment, and check for compressor air leaks. We effectively use subsidies to switch to energy-saving equipment.

Transition of CO₂ emissions at manufacturing sites

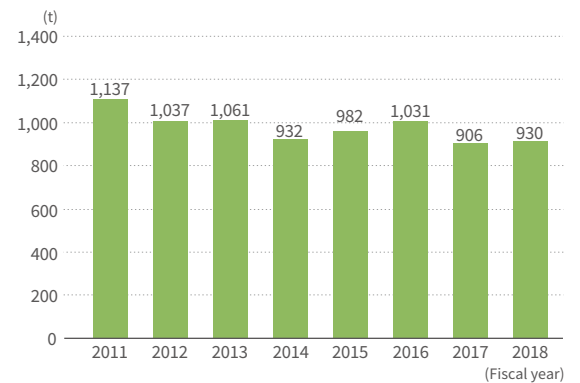


Note: Receiving end power is used for the CO₂ emission factor. 4.75 t-CO₂/10 thousand kWh is used in fiscal 2011, 4.81 t-CO₂/10 thousand kWh in fiscal 2012, 5.67 t-CO₂/10 thousand kWh in fiscal 2013, 5.52 t-CO₂/10 thousand kWh in fiscal 2014, and 5.31 t-CO₂/10 thousand kWh in fiscal 2015 and later in Japan. WRI/WBCSD GHG Protocol data in fiscal 2006 is used from fiscal 2011 to fiscal 2012, and the one in fiscal 2009 is used in fiscal 2013 and later overseas.

■ Minimizing CO₂ emissions associated with product transportation

We switched from individual shipping to full truckload shipping for imported parts to increase load efficiency, leading to a reduction in the number of trucks required. We also reduced the size and weight of new products that were developed to control CO₂ emissions associated with product transportation.

Transition of CO₂ emissions associated with nationwide product transportation



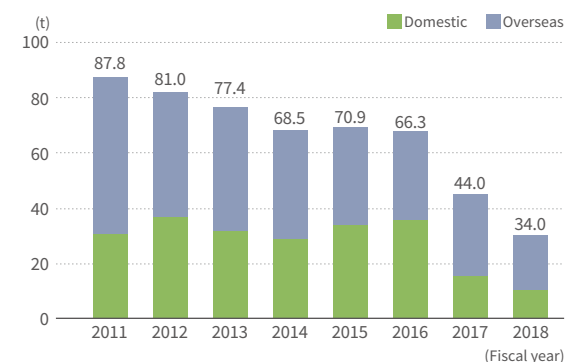
Management of Chemical Substances

■ Minimizing emissions of chemical substances used in the manufacturing process

We classify chemical substances applicable to the environmental laws and regulations into three types: "prohibition", "reduction" and "control".

We strive to reduce emissions of chemical substances, which are classified into "reduction", into the atmosphere and water that directly affect the environment. In fiscal 2017, TOSEI that had used paint left Toshiba Tec Group, resulting in a significant reduction of emissions. We will continue to reduce emissions by introducing manufacturing equipment with low emissions of chemical substances and reviewing the process.

Transition of emissions of chemical substances



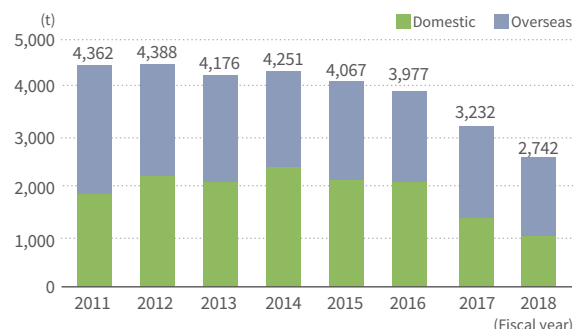
Efficient Use of Resources

■ Minimizing an increase in the total volume of waste generated

To efficiently use resources, we work on the reduction of the total volume of waste generated, by recycling and other methods. In fiscal 2017, TOSEI left Toshiba Tec Group, and in fiscal 2018, Kokusai Chart left Toshiba Tec Group, resulting in a significant reduction of waste generated.

We also visited the recycler's facility to directly check the status of processing in Japan, and conducted communication to increase the recycling rate. We will continue to effectively use resources.

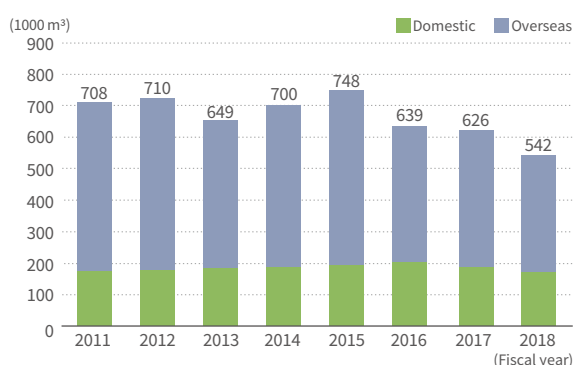
Transition of total volume of waste generated



■ Efficiently using water resources

A small amount of water is used in the manufacturing process and most of it is used for daily needs including toilets, cafeterias and residences. Thus, the use of water remains almost stable. Since fiscal 2015, we have encouraged our employees to save water through posters, and will continue to do so in the future. In fiscal 2018, we reduced the loss of water resources by installing underground fire-fighting water pipes out on the ground at Toshiba Tec Information Systems (Shenzhen) Co., Ltd.

Transition of amount of water received



Mitigation of Climate Change

Topics

Toshiba Tec Malaysia Manufacturing Sdn. Bhd.

Switching to LED lighting

We are annually switching to LED lighting at manufacturing and non-manufacturing sites worldwide in a planned manner. And in fiscal 2018, we completely switched to LED lighting.



Efficient Use of Resources

Topics

Toshiba Tec Singapore Pte. Ltd.

Waste reduction by recycling label paper mounts

We entrusted the recycler label paper mounts, which were generated as a result of label printer performance testing, to reduce waste.



Mitigation of Climate Change

Topics

Shizuoka Business Center (Mishima)

Update of air conditioning and clean room chillers by using subsidies

We achieved energy saving by using subsidies to update air conditioning and clean room chillers, and eventually reduced CO₂ emissions.



Management of Chemical Substances

Topics

Toshiba Tec Information Systems (Shenzhen) Co., Ltd.

Additional introduction of VOC emission improvement equipment

We installed three VOC* emission control devices and successfully reduced the emissions by approx. 80%. * Volatile Organic Compounds



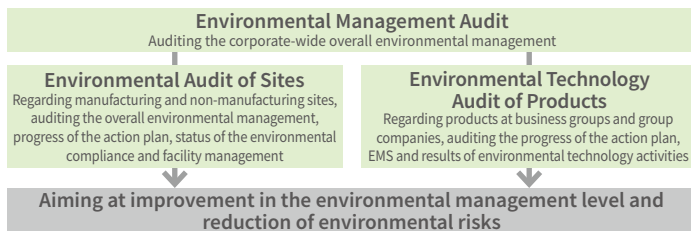
ENVIRONMENT

Green Management

Environmental Audit

■ Toshiba Group's Environmental Audit System

We have been annually conducting environmental audits in accordance with the comprehensive Environmental Audit System and standards established by Toshiba since fiscal 1993, to improve environmental management. Based on this audit system, we conduct corporate-wide environmental management audits, environmental audits of sites for manufacturing and non-manufacturing sites, and environmental technology audits of products at business groups on an annual basis. In fiscal 2018, five auditors were added to enhance the compliance system and develop human resources.



On-site audit

Environmental Accounting

We adopt environmental accounting to quantitatively understand environmental conservation costs and benefits, and utilize the quantitative data as guidelines for business activities.

■ Costs and benefits

For environmental conservation costs on a consolidated basis in fiscal 2018, total capital investments were 90 million yen and total expenses were 770 million yen. Total environmental benefits were 2.08 billion yen.

Target site: Toshiba Tec Head Office, Shizuoka Business Center,
1 domestic and 6 overseas manufacturing group companies
Target period: April 1, 2018 to March 31, 2019
Note: Some figures are estimated.

Environmental conservation costs

Category	Description	Investments		Costs		Change in costs from FY2017	
		Consolidated	Non-consolidated	Consolidated	Non-consolidated	Consolidated	Non-consolidated
(1) Business area costs	Reduction of environmental impact ① to ③	85.4	70.4	189.9	88.4	-14.6	-1.3
① Pollution prevention costs	Prevention of air, water and soil pollution, etc.	5.7	3.4	66.4	12.3	-11.5	2.2
② Global environmental conservation costs	Global warming prevention, ozone layer protection, etc.	78.8	67.0	71.8	47.4	-1.0	1.9
③ Resource recycling costs	Recycling of waste, etc.	1.0	0.0	51.6	28.7	-2.0	-5.3
(2) Upstream/downstream costs	Green procurement, collection and recycling of end-of-use products, etc.	0.0	0.0	130.2	130.2	3.9	3.9
(3) Administration costs	Establishment of EMS, environmental education, tree planting/clean-up activities, etc.	3.0	0.0	304.4	295.1	-10.9	-7.3
(4) R&D costs	Technical development for ECPs, etc.	0.0	0.0	139.9	139.9	-16.8	-16.8
(5) Public relations costs	Donations and support to groups/organizations, etc.	0.0	0.0	1.0	0.1	-3.4	-3.0
(6) Environmental damage restoration costs	Recovery from soil pollution, etc.	0.0	0.0	0.1	0.1	0.0	0.0
Total		88.4	70.4	765.5	653.8	-41.7	-24.5

Environmental conservation benefits

Category	Description	Amounts	Calculation method
A Actual benefits	Reduced charges for electricity and water, etc.	59.2	The amount of money, such as electricity charges and waste disposal costs, that was saved compared with the previous year, plus earnings from the sale of objects with value.
B Assumed benefits	Reduced environmental impacts on water and atmosphere in monetary value	-393.8	The amount of money was calculated by multiplying the cadmium equivalent value of each substance obtained from environmental standards and the American Conference of Governmental Industrial Hygienists Threshold Limit Value (ACGIH-TLV) by damage compensation for cadmium pollution. This method of calculation provides a means of showing reductions in environmental impacts on the atmosphere, hydrosphere and soil and makes it possible to compare the environmental impacts of different substances using the same standard by converting the impacts into monetary values.
C Customer benefits	Benefits of impacts reduced during product use in monetary value	2,413.2	Environmental impact reduction benefits during product use are evaluated in physical quantity units and monetary units. Energy-saving benefits are calculated by using the following equation: Benefits (yen) = Σ [(electricity consumption per year of the former model - electricity consumption per year of the new model) x number of units sold per year x benchmark unit price of electricity charge]
Total		2,078.6	

A Actual benefits

Item	Reduction of environmental impact*	Benefits measured in monetary values (millions of yen)
Energy	58,000 GJ	34.9
Waste	338.1 t	20.6
Water	64,900 m ³	3.7
Total		59.2

* The reduction of environmental impact indicates the differences between fiscal 2017 and 2018. Negative figures show an increase in environmental impact beyond the benefits from reduction due to increased production, etc.

B Assumed benefits

Item	Reduction of environmental impact*	Benefits measured in monetary values (millions of yen)
Benefits from reduction of chemical emissions	-5.1 t	-393.8

C Customer benefits

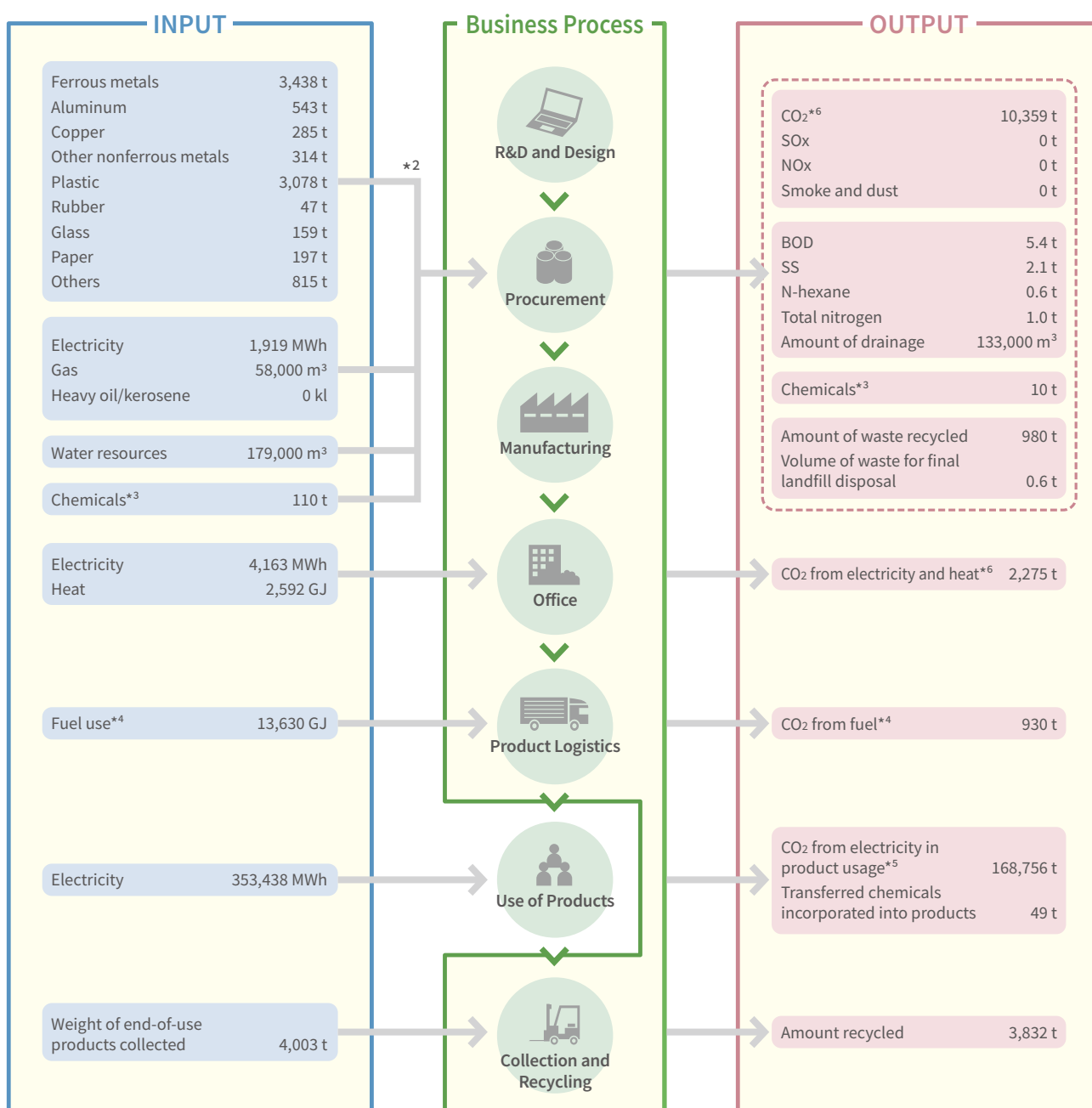
Item	Reduction of environmental impact*	Benefits measured in monetary values (millions of yen)
Benefits from reduction of environmental impact during product use	Electricity	1,533.1
	Paper rolls	880.2
Total		2,413.2

Environmental Impact throughout the Life Cycle in Fiscal 2018

We reduce the environmental impact in our manufacturing processes and develop environmentally conscious products, to understand, analyze and reduce the impact at each stage of the product life cycle.

We procure raw materials and components from suppliers, manufacture and ship our products. We transport finished products to distributors or warehouses via outsourced forwarding agents. Then, we collect end-of-use products from customers wherever possible, for reuse and recycling. At the manufacturing stage, CO₂ emissions due to consumption of all energies from plants were 10,359 tons and from offices were 2,275 tons. Emissions of chemicals into the atmosphere and water were 10 tons. The amount of waste recycled was 980 tons and the amount of landfilled was 0.6 tons. CO₂ emissions from major products shipped in fiscal 2018 until the end of their lives are to be approximately 168,756 tons. We are working on reducing power consumption and CO₂ emissions, which are the majority throughout the product life cycle, as a top priority issue.

Environmental impact in fiscal 2018*1



*1: Target data tabulated: Toshiba Tec

*2: Inputs of materials and parts are calculated from material procurement data using the Toshiba Group's proprietary method.

*3: Target chemicals: 551 types specified by Toshiba

*4: Product logistics: All CO₂ emissions for outsourcing

*5: CO₂ in product usage is CO₂ emissions from major products shipped in fiscal 2018 until the end of their product lives.

*6: 5.31 t-CO₂/10 thousand kWh is used for the CO₂ emission factor.

ENVIRONMENT

Worldwide Collection and Recycling

We are committed to collecting and recycling end-of-use products on a global basis.

Japan

We collect end-of-use products at our sales sites and perform process checks on recycling contractors to increase the collection and recycling rates.

Asia

At Toshiba Tec Malaysia Manufacturing Sdn Bhd. in Malaysia, we implement the voluntary collection and recycling program for end-of-use MFPs in collaboration with Shan Poornam Metals.



Dismantling a MFP

Europe

At Toshiba Tec France Imaging Systems S.A. in France, we implement the end-of-use toner cartridge collection and recycling program in collaboration with Conibi. Collected end-of-use toner cartridges are recycled into raw materials at ClozDloop in Belgium.

Australia & North America

We implement the “Zero Waste to Landfill” recycling program in collaboration with Close the Loop. Almost all of the end-of-use toner cartridges collected from copiers and MFPs through this program are recycled.

Approaches for Conservation of Biodiversity

Relationship between Aichi Biodiversity Targets and conservation of biodiversity

We conduct 10 of these biodiversity targets, to which our business activities are closely related, based on the Toshiba Group's Policy. In the Sixth Environmental Action Plan, we aim to address all 10 targets at all manufacturing sites by fiscal 2020. In fiscal 2018, Target 5, Target 9 and Target 11 were applied, eventually, we completed 9 of them (surrounded by blue flames) at all manufacturing sites.

Selected Aichi Biodiversity Targets	Specific action	Selected Aichi Biodiversity Targets	Specific action
Target 1 Awareness increased	Environmental education, internal and external information disclosure	Target 9 Invasive alien species prevented and controlled	Prevention of invasion throughout the product life cycle
Target 2 Biodiversity values integrated	Incorporation of targets into environmental policies and environmental action plans	Target 11 Protected areas increased and improved	Conservation activities in protected areas in and outside of Toshiba Tec Group sites
Target 4 Sustainable consumption and production	Suppression of climate change, efficient use of resources, and implementation of green procurement	Target 12 Extinction prevented	Protection of rare plant and animal species, internal and external conservation activities
Target 5 Habitat loss halved or reduced	Maintenance and building of ecosystem networks	Target 14 Ecosystems and essential services safeguarded	Maintenance and improvement of infrastructure, supply, adjustment and cultural services
Target 8 Pollution reduced	Reduction of emissions and correct management of chemical substances	Target 19 Knowledge improved, shared and applied	Activity information disclosure

Major activities in fiscal 2018

Here are the major activities we achieved in fiscal 2018.

Target 5 Habitat loss halved or reduced

At Toshiba Tec Singapore Pte. Ltd. and P.T. Tec Indonesia, we use Forest Stewardship Council (FSC) certified copy paper, which was made from trees cut down in properly controlled forests. In this way, we contribute to halving or reducing habitat loss.

Target 11 Protected areas increased and improved



Toshiba Tec Europe Imaging Systems S.A. Management of green spaces in the site for bird protection



Toshiba America Business Solutions, Inc., Toner Products Division Periodic cleanup of trails around Lake Mitchell

Global Environmental Action

We are committed to carrying out environmental contribution activities worldwide by incorporating the activity items of the Sixth Environmental Action Plan. As a recommended theme for fiscal 2018, we focused on Water and worked on a total of 79 activities.

* Energy for FY2017, Water for FY2018, Resources for FY2019, Chemical Substances for FY2020



Toshiba Tec Malaysia Manufacturing Sdn. Bhd.
Lake and river cleanup around the site



P.T. Tec Indonesia
Use of rainwater for plant watering and cleaning



Toshiba Tec Information Systems (Shenzhen) Co., Ltd.
Water pipe leakage prevention construction



Toshiba Tec Singapore Pte. Ltd.
Save Water posters

Information Disclosure and External Evaluation

Exhibitions

The 27th Toshiba Group Environment Exhibition was held in Kawasaki in February, 2019. We presented products with high environmental performance, such as Loops and Smart Receipt, and emphasized our contributions to the environment and SDGs. We also presented products at the Toshiba Tec Technology Exhibition, which was held in Osaka in October, 2018.



Loops presentation



Smart Receipt presentation

External evaluations and commendations

We were ranked high ("A") in the Sampo Japan Green Open Fund's "Buna no Mori" Environmental Survey, and were selected as an investment brand (index component) in the ESG assessment of environmental, social and corporate governance issues.



Information disclosure through external media

The IS-910T vertical object scanner can scan fruits and vegetables by identifying the colors and patterns, thus, packaging and packing materials, such as barcode labels, food trays and wraps, are no longer needed. Information on this scanner, which can contribute to resource conservation by reducing packaging and packing materials, is disclosed on the official website of Plastics Smart Campaign operated by the Ministry of the Environment.



<http://plastics-smart.env.go.jp/case/?id=304> in Japanese only

Communication and Development of Environmental Awareness

Environmental meetings

We regularly hold environmental meetings between manufacturing sites worldwide, discuss measures to reduce environmental impact and conserve biodiversity, along with environmental actions and awareness building, to develop implementation measures.



Environmental education

We annually implement e-learning training on environmental general knowledge and trends as well as the overall environmental management of Toshiba Tec Group for all employees.

