



# CSR Summary Report 2018



This CSR Summary Report 2018 of Kyocera Document Solutions outlines the most important aspects of our CSR activities as well as presents our efforts to make our products more environment-friendly, to positively impact the environment at a global level, and to use our plants to create products with outstanding environmental performance in FY2018.

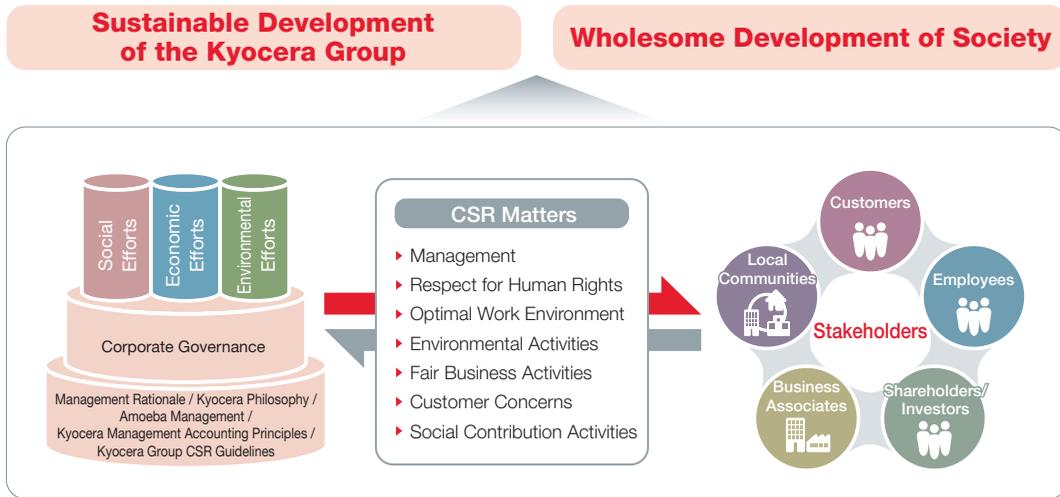
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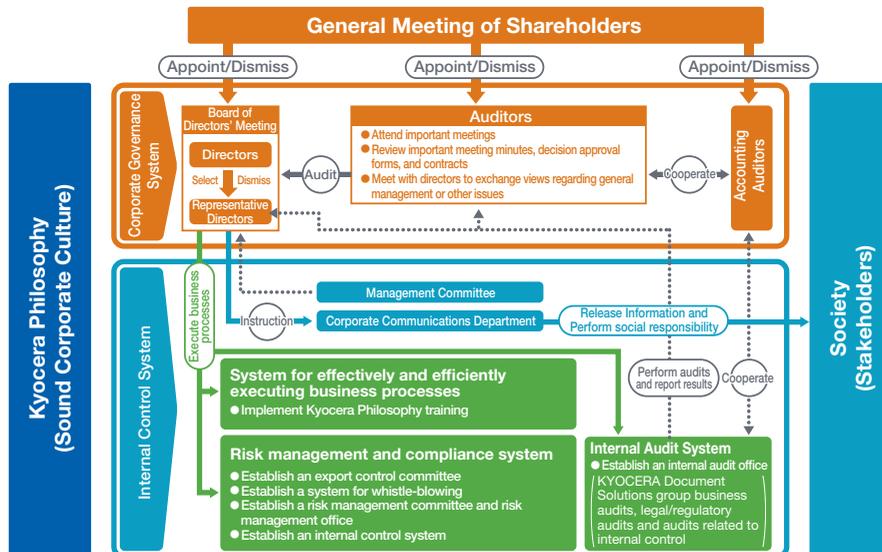
# CSR at KYOCERA Document Solutions

Under our Management Rationale, "To provide opportunities for the material and intellectual growth of all our employees, and through our joint efforts, contribute to the advancement of society and humankind", Kyocera Document Solutions carries out management based on the Kyocera Philosophy, which takes "doing what is right as a human being" as the principal criterion for business decisions. We also conduct CSR activities according to "Kyocera Group CSR Guidelines", which consists of 10 principles from "Basic duties" to "Social contribution".



# Corporate Governance

As a member company of the Kyocera Group, Kyocera Document Solutions realizes the sound fulfillment of its Management Rationale and fair, just and highly transparent corporate governance based on the Kyocera Philosophy. Corporate governance and internal regulation are implemented with the following system to ensure that directors' duties are executed in accordance with applicable laws, regulations, and articles of incorporation.



## CSR Activity Highlights in FY2018

### 1 Received Technical Packaging Award in Japan Packaging Contest 2017

On August 30, 2017, the awards ceremony was held for the Japan Packaging Contest 2017 sponsored by the Japan Packaging Institute, and a new packaging material for protecting the paper feeder of our printers won the Technical Packaging Award.

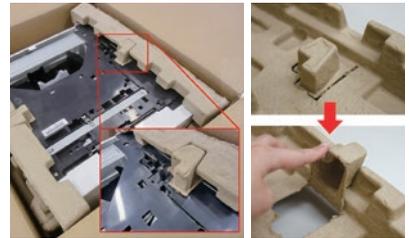
This contest is held every year with the aim of promoting the development and spread of high-quality packages and packaging techniques in Japan and decides the highest level of packaging each year.

We received the award for the "reduction of packaging size by using high-performance molded pulp." This is a material developed for the protection of products with external protrusions. Sections of the molded pulp can be folded for adapting them to the concave parts of the paper feeder for the protection of protrusion, without the growth in size of the packaging case.

The assessment test by us shows that the packaging satisfies the criteria, which is stricter than The Japan Industrial Standard, and the shape of the device enables a higher performance of the buffer. Also highly rated, was the achievement of the reduction of the number and amount of packaging materials by commonly using left and right materials.



Award Certificate



By folding the sections of molded pulp, protrusion of the paper feeder for positioning can be protected without the growth in size of the packaging case.

### 2 KYOCERA Document Solutions America participated in the "Toys for Tots" Program

"Toys for Tots" is a program in which toys are donated and presented to the children of less fortunate families, as Christmas gifts, instituted since 1991. This program is run by a foundation established by the United States Marine Corps Reserve.

In 2017, the 12th year of its support for the program, 150 toys in total were donated from employees at Christmas.



Representatives of employees presenting Toys for Tots to the US Marine Corps.

### 3 KYOCERA Document Solutions Australia participated in Business Clean Up Day

Business Clean Up Day is a yearly volunteer campaign, held throughout Australia. From 2003, Kyocera Document Solutions Australia, has participated in this clean-up activity every year. In 2017, 13 employees participated in this activity and cleaned up Meadowbank Park in the suburbs of Sydney, about 8km from their office building. The clean-up activity lasted about two hours, and they collected 20 bags of garbage, such as plastic bottles, buckets, and milk crates, making the park a cleaner place.



Employees participating in clean-up activity

### 4 KYOCERA Document Solutions Inc. and Hirakata Plant delivered special science lesson to elementary school students

Employee teachers from the Head Office of Kyocera Document Solutions Inc. and the Hirakata Plant held a special science class for sixth graders at an elementary school. In the first hour, students learned the principle of copying, using static electricity; and, in the second hour, they carried out "hand copying" experiments, in which students directly experienced the principle using handmade equipment. The children were amazed that they could copy the pictures they drew using their own hands and enjoyed making many copies of their pictures until they were satisfied with the images.



Employees supervising "hand copying" experiments



Since 2012, we have incorporated biodiversity conservation activities into our environmental management system (EMS) activities, and we have been actively taking risk reduction action, based on the results of biodiversity risk surveys at each of our business sites in Japan. Also, since 2016, we have been prioritizing biodiversity conservation activities, and we have protected the genes of vanishing vegetables and have maintained the genetic diversity by working on the revival of "Naniwa's Traditional Vegetables" (which are currently less common at stores).

On the other hand, as one of our social contribution activities, we have been working on several biodiversity conservation activities such as "Removal of Non-native Species at Lake Biwa" and "Conservation Activity of Coppice for Zephyrus in Mt.Mikusa".



### Cultivation of "Naniwa's Traditional Vegetables"

Called "The Nation's Kitchen" during the Edo Period, Osaka Prefecture has had a rich food culture since ancient times, and there have been many kinds of prefecture's unique vegetables supporting the culture. However, after World War II, by breed improvement for the purpose of increasing agricultural productivity, conversion from farmlands to residential lands, and, further, the progression of the western diet, these vegetables, which have this region's unique history and tradition, had disappeared from the store shelves. But, in recent years, as the demand for these traditional vegetables has surfaced, Osaka Prefecture worked on the discovery and revival of "Naniwa's Traditional Vegetables" so that people can enjoy traditional vegetables, once again. Currently, 18 vegetables, including "Tamatsukuri Kuromon Oriental Pickling Melon", "Torikai Eggplant", "Moriguchi Raddish" and "Tennoji Turnip", are accredited as "Naniwa's Traditional Vegetables" by Osaka Prefecture. We have worked on the preservation of vanishing valued genes by cultivating four of them on the premises of our Head Office.

"Tamatsukuri Kuromon Oriental Pickling Melon", which is the first "Naniwa's Traditional Vegetable" we worked on the cultivation, was cultivated in the area near the Tamatsukuri-mon Gate (popularly called "Kuromon" or the "black gate," because this gate was originally painted black) of Osaka Castle, where currently, the main gate of our Head Office is located. In the Edo Period, the seasoning of this oriental pickling melon in salted rice bran (nukazuke) became one of the specialties of this region. Since the Meiji Period, this oriental pickling melon, used as the food of which travelers could eat on the way to the Ise Shrine as a pilgrimage, had disappeared, due to the wave of modernization. But, after a long period, Tamatsukuri Inari Shrine started cultivating this oriental pickling melon from 2002, and its cultivation spread little by little, dependent upon the amount of available seeds. Since 2016, we have carefully cultivated it on the premises of our Head Office, with the support of Tamatsukuri Inari Shrine. At the summer festival held at our Head Office in July every year, this traditional local vegetable, which is lightly pickled, has been served to the visitors.

Also, from September 2017, we started cultivating "Tennoji Turnip" and "Tanabe Radish". These vegetables acquire their sweetness by growing in cold climates and were harvested in January 2018. They were used in turnip miso soup, served at our Head Office's staff cafeteria. In addition, since April 2018, we have been cultivating "Kotsuma pumpkin". After its harvest, this pumpkin will be provided to the vocational aid center, which holds internal company sales at our Head Office every two months, then used in the baking of cookies and pumpkin bread.

Because there are less farmlands due to urbanization, we think that, as a company whose Head Office is located in Osaka city, protecting and nurturing the genes of local traditional vegetables in the heart of the city is important.

Under our management philosophy, "LIVING TOGETHER", we will continue to work on biodiversity conservation activities in various ways.

### ((( We are cultivating the following four "Naniwa's Traditional Vegetables". )))

Cultivation during summer period  
(From April to August)

#### "Tamatsukuri Kuromon Oriental Pickling Melon"

The area near the Tamatsukuri-mon Gate (popularly called "Kuromon" or the "black gate") of Osaka Castle is the place of origin. This is the cylinder-shaped melon with about 30 centimeters in length and 10 centimeters in diameter.



#### "Kotsuma Pumpkin"

The place of origin is Tamade Town, Nishinari Ward (Former Kotsuma Village). This is a kind of cucurbita moschata whose weight is a little less than 1 kilogram.

Cultivation during winter period  
(From September to March)

#### "Tennoji Turnip"

The place of origin is near Tennoji Ward. This is an oblate-shaped small turnip with 8 centimeters in diameter.



#### "Tanabe Radish"

This was formerly a special local product of Tanabe District, Higashi-Sumiyoshi Ward. This is a stubby radish with about 20 centimeters in length and 9 centimeters in diameter.

((( The followings are the photos which record the cultivation and the harvest of Tamatsukuri Kuromon Oriental Pickling Melon in June and July 2017. )))



Piling soil up around the base of a plant in June 2017



Planting seedlings in June 2017



Male flowers were starting to blossom in July 2017



Field just before the harvest in July 2017



First harvest in July 2017



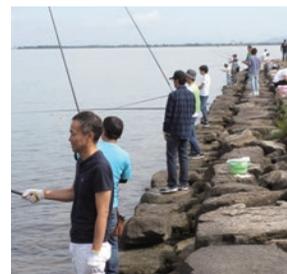
Tasting corner for lightly-pickled Tamatsukuri Kuromon Oriental Pickling Melon at summer festival in July 2017

## Other Biodiversity Preservation Activities

### Removal of Non-native Species at Lake Biwa

In Shiga Prefecture, since 2011, we have been removing non-native fish species from Lake Biwa (the largest freshwater lake in Japan), which have a serious negative impact on the ecosystem in the lake, such as black bass and bluegill. Lake Biwa is an important habitat for freshwater fish. But, in spite of promoting this removal activity, the non-native species population has increased year by year and is currently estimated to be about 1,240 tons\*. Another noteworthy activity which has been conducted is the cleanup of the nearby Otsu City Nagisa Park.

\* Based on the data published by Shiga Prefectural Government's Fisheries Department



Employees participating in removal activity

### Conservation Activity of Coppice for Zephyrus in Mt.Mikusa

Since 2010, we have conducted a conservation activity of "Coppice for Zephyrus in Mt.Mikusa" located in Nose Town, which is the northernmost town of Osaka Prefecture.

Mt.Mikusa is a Low mountain, which is 564 meters above sea level. Coppice for Zephyrus, a broad-leaved forest spreading around the summit of Mt.Mikusa and a habitat for wild animals and plants, is home to 10 of 25 species of butterflies called Zephyrus, a rare species living in Japan and belonging to Theclinae. This area is designated as the Green Environment Conservation Area based on the Osaka Prefectural Ordinance for the Conservation of the Natural Environment. Part of that natural environment is Satoyama (a mountain closely connected to the people's life in a rural area), which environment is well preserved and was chosen as one of the "Top 100 Terraced Paddy Fields in Japan". The conservation activities consist of planting seedlings of oriental white oak, manchurian milder and privet (which are food for the larvae of butterflies) and installing fencing for preventing the deer from eating the trees. In the last three years, 185 seedlings have been planted, and fencing has been installed surrounding 0.38 hectares of land.



Planting Seedlings of Oriental White Oak

### Clean-up Activity at Matsunase Tideland Beach

Annually, as a regional contribution activity, the Tamaki Plant conducts a voluntary clean-up activity at Matsunase Tideland Beach on the Kushida River, located in Matsuzaka City, Mie Prefecture. Matsunase Tideland Beach (one of the biggest dry beaches in the Ise bay area, consisting of three kinds of tidelands) is valuable, since it contains rich ecosystems in which several beach plants and aquatic organisms live. After giving an explanation about such things as the creatures living in the tideland by the teacher of Mie Junior High School (who is also the local NPO's instructor of nature observation), everyone participates in the collection of garbage scattered across the beach.

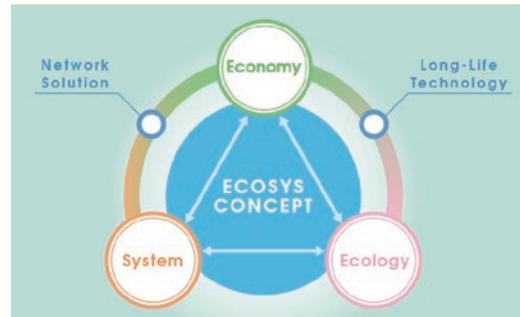


Participants Cleaning the Beach

## Products Certified with Environmental Labels in FY2018

There are various environmental labelling systems for indicating to customers, in an easy-to-understand way, that a product is environment-conscious. We continue to develop products based on the ECOSYS Concept, which thoroughly seeks environmental preservation and economic efficiency and, in order to make the excellence of our products widely known to customers, promotes the active acquisition of environmental labels.

Products based on the ECOSYS Concept are those that can provide environmental and economic advantages to users. To be specific, the service life of the parts of those products is prolonged to the maximum extent, reducing the disposal frequency of parts and consumables and eventually reducing environmental impacts. In 1992, we introduced the first generation ECOSYS printer, ECOSYS FS-1500. In 1997, the ECOSYS FS-1700/3700 was the world's first page printer that acquired German Blue Angel.



The ECOSYS Concept



First generation  
ECOSYS printer  
ECOSYS FS-1500

In FY2018, the following products acquired/registered for certification.

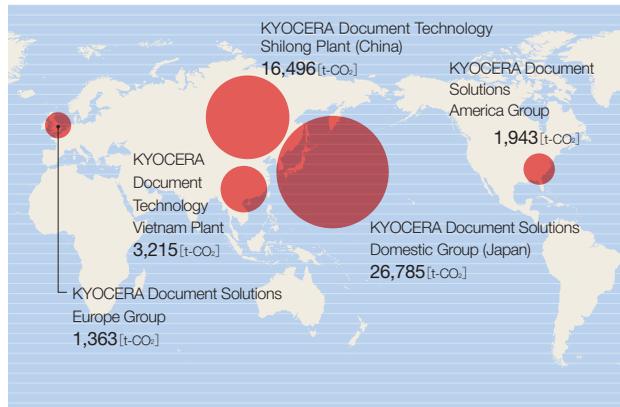
—: Not sold in applicable country ※: Already acquired in previous FY No Mark: Plan to acquire after April 2018

Environmental Label		 Eco Mark (Japan)	 EPEAT (USA)	 Blue Angel (Germany)
Product Name				
Multifunctional Product	ECOSYS M8124cidn	—		○
	ECOSYS M8130cidn	—		○
	ECOSYS M4125idn	—		○
	ECOSYS M4132idn	—		○
	TASKalfa 350ci	—	—	○
	TASKalfa 2460ci	○	—	—
	TASKalfa 2510i	○	—	—
	TASKalfa 4010w	○	—	—
	TASKalfa 4011w	○	—	—
	TASKalfa 4012w	○	—	—
Printer	ECOSYS P2235dw	—	○ (Silver)	○
	ECOSYS P2040dw	※	○ (Silver)	○
	ECOSYS P3045dn	—	○ (Silver)	○
	ECOSYS P3050dn	—	○ (Silver)	○
	ECOSYS P3055dn	—	○ (Silver)	○
	ECOSYS P3060dn	○	○ (Silver)	○
	ECOSYS P8060cdn	○	○ (Silver)	○

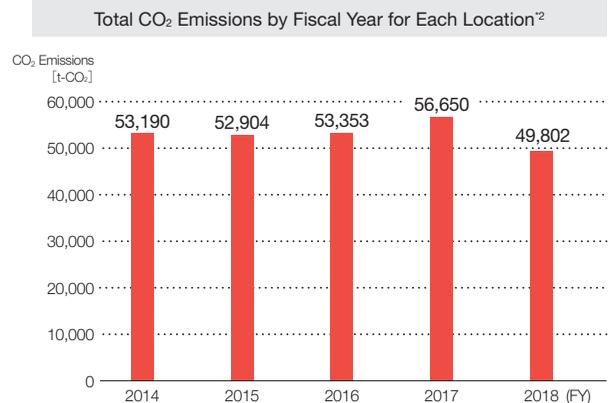
# Environmental Protection Activities in FY2018

We are continually engaged in environmental protection activities all over the world. All our plants and most of business sites worldwide have acquired ISO14001 certification. They abide by environmental regulations pertaining to air and water, while working to save energy to prevent global warming, and striving to conserve resources.

## 1. CO<sub>2</sub> Emissions at Various Locations (FY2018)\*1



\*1 CO<sub>2</sub> emissions derived from electricity usage



\*2 Data since FY2015 apply to the Vietnam Plant. The data for the US and European regions until FY2015 apply to headquarters only.

## 2. Electricity Usage and Industrial Waste Emissions at our Plants and Each Group (FY2018)

	KYOCERA Document Solutions Domestic Group (Japan)	Shilong Plant (China)	Vietnam Plant	KYOCERA Document Solutions America Group	KYOCERA Document Solutions Europe Group	Group Total
Electricity Usage (kWh)	54,082,539	31,296,309	7,899,790	4,399,426	3,358,283	101,036,347
Industrial Waste Emissions (kg)	622,918	408,310	900,143	61,660	69,823	2,062,854

## 3. Environmental Protection Activities in Japan (FY2018)

Environmental Goals	FY2018 Targets	FY2018 Results
Contribute to a low-carbon society	<b>Reduction in greenhouse gas emissions basic unit [kg-CO<sub>2</sub>/t]</b> Target: 1.0% reduction (versus FY2017) Basic unit: Toner production volume	<b>18.6% decrease</b> Reduction of electricity usage by such as introducing LED lighting and reviewing control value for equipment
	<b>Reduction in energy usage (crude oil equivalent) basic unit [kL/t]</b> Target: 1.0% reduction (versus FY2017) Basic unit: Toner production volume	<b>20.1% decrease</b> Reduction of electricity usage by such as introducing LED lighting and reviewing control value for equipment
Contribute to a recycling-based society	<b>Reduction in industrial waste emissions basic unit [kg/t]</b> Target: 1.0% reduction (versus FY2017) Basic unit: Toner production volume	<b>44.1% decrease</b> Substantial reduction of the amount of wastewater from the toner production process by improving drainage facilities
	<b>Reduction in water usage basic unit [m<sup>3</sup>/t]</b> Target: 1.0% reduction (versus FY2017) Basic unit: Toner production volume	<b>23.3% decrease</b> Reduction of the amount of water used for equipment cooling by efficiently operating production equipment according to increased production of toner

Clean & Green Plants

KYOCERA Document Technology

# Shilong Plant (China)

3 Fang Zheng East Road, Shilong Town,  
Dongguan City, Guangdong Province,  
China



Business Description: Manufacturing of MFPs (multifunctional products), printers and photoreceptor drums

Total Site Area: 136,969 m<sup>2</sup>

Total Floor Space of Buildings: 231,792 m<sup>2</sup>

Greening ratio: 21.0%

Number of Employees: 5,151 (As of end of March 2018)

Electricity Usage: 31,296,309kWh (FY2018)

Water Usage: 375,100 m<sup>3</sup> (FY2018)

Amount of Industrial Waste Discharged: 408,310 kg (FY2018)

To minimize environmental impact, the Shilong Plant has set targets higher than local emission standards for factory wastewater and gas emissions, and is maintaining extra-clean conditions. To conserve energy and resources, the plant is switching to LED lighting, and converting equipment to the latest energy-saving types. Wastewater treatment is performed for water used in production processes, and the treated water is used in our production processes in the plant. In order to reduce waste, employees maintain a constant awareness of reuse and recycling, and lean waste-free management is implemented in all aspects of the manufacturing site. In operation of the plant, efforts are focused on employee welfare and ensuring a sense of teamwork and solidarity, like a single family, throughout the entire plant.

### Received a Commendation as an "Excellent Company" at the 2017 Shilong Town Safety Production Convention

Our daily efforts to create a safe workplace were evaluated by the government of Shilong Town, and we received a commendation as an "Excellent Company" at the 2017 Shilong Town Safety Production Convention, held in January, 2018.



Certificate of Commendation



Group Photograph with representatives of other companies who were awarded Excellent Company, as well

### Establishment of "KYOCERA Classes"

In September of 2012, we established "Kyocera Classes" in regional vocational schools in China, in order to impart to students the company's technology and know-how. There are currently five classes, with a total of 1,129 students enrolled. These educational activities are conducted with the hope that students will become productive members of society.



Lessons at Kyocera Classes

### Operation of In-house Nursery

In China, where social infrastructures are less developed, married couples cannot raise their children without the support of grandparents or relatives, because generally, both parents go to work. We operate an in-house nursery, Tongle Yuan, with the help of the plant's labor union. The nursery takes care of the employees' children, so that they can work without worry. Employees who entrust their children to this nursery commented, "We used to have our parents living in the rural area look after our small child. Now we can live together with my child by utilizing this nursery service." Since 2014, another activity — "Kyocera Summer Class" — takes care of employees' children during the summer holiday. This year, 32 children were enrolled in this class.



New Year Event held at the in-house nursery

### Held Cultural Festival (Summer Festival)

We held our 9th cultural festival on September 2, 2017, with 70 booths prepared by employees. On the main stage, employees displayed various talents, including dancing, singing and band performances. Even though a typhoon was approaching, the festival bustled with approximately 6,500 visitors.



Lots of people coming to booths

Clean & Green Plants

KYOCERA Document Technology  
Vietnam Plant

Land Lots No. 56A, 56B, 56C, VSIP Hai Phong Township, Industrial and Service Park, Dinh Vu - Cat Hai Economic Zone, An Lu commune, Thuy Nguyen District, Hai Phong City, Vietnam

Business Description: Manufacturing of MFPs (multifunctional products) and printers
Total Site Area: 200,446 m <sup>2</sup>
Total Floor Space of Buildings: 76,616 m <sup>2</sup>
Greening ratio: 20.0%
Number of Employees: 4,122 (As of end of March 2018)
Electricity Usage: 7,899,790 kWh (FY2018)
Water Usage: 76,456 m <sup>3</sup> (FY2018)
Amount of Industrial Waste Discharged: 900,143 kg (FY2018)



Following the Shilong Plant, on October 1, 2012, our Vietnam Plant was the second plant of Kyocera Document Solutions outside Japan to begin production. In order to realize our Management Rationale — "To provide opportunities for the material and intellectual growth of all our employees, and through our joint efforts, to contribute to the advancement of society and humankind" — we are diligently working to make our plant the most energetic plant in Vietnam. In addition, we not only have a manufacturing capability, but also have a research and development division. The opening of this plant contributes to the regional development of Vietnam by providing a work environment where talented Vietnamese people can utilize their capabilities.

Invited Ten Vietnamese Junior High School Students to Japan

Together with Kyocera Vietnam and Kyocera Communication System Vietnam, we invited ten junior high school students that live in Hanoi, Hung Yen Province, and Hai Phong to visit Japan. In FY2018, students visited Kyoto and Kyocera Group's plants, and joined a student exchange program with local junior high schools in Kyoto. These students stayed at the homes of Kyocera Group employees for three days and two nights. This experience during their visit to Japan gave them a great opportunity to directly familiarize themselves with the culture of another nation and its diverse values. We hope that these activities will help to foster people who will contribute to the world and deepen the friendship between Japan and Vietnam.



Photo in front of the home of our employee who accepted Vietnamese Students

Collected Money for the Year-end Charity Campaign

Before Tet, which is the Vietnamese New Year, we asked for the cooperation of employees in giving donations to our year-end charity drive and collected more than VND 26 million (approximately ¥125,000). The plant and the labor union also contributed to this donation, and a total of more than VND 41 million (approximately ¥176,000) was donated to the students of elementary and junior high schools located near the plant in the form of stationary and to a neighboring orphanage in the form of necessities.



Donation of Necessities to Orphanage

Presented Scholarships to Students from Vietnam Maritime University

Vietnam Maritime University, which is located in Hai Phong City, the largest port city in northern Vietnam, has produced outstanding graduates since its founding in 1956. In order to support development of the human resources who will lead the next generation in Vietnam, we presented scholarships to underprivileged students. Five students received these scholarships in 2017. We will continue to work on this activity.



University students who received scholarships

Held Summer Festival

On August 5, 2017, we held our fourth summer festival. This year, approximately 6,200 people visited the summer festival. On the stage, a captivating lion dance, as well as a dance by female employees wearing stage costumes was performed. Also, we set up playground equipment and facilities for children, which could be enjoyed by the families.



Dance by employees

## Clean &amp; Green Plants

## Tamaki Plant (Japan)

704-19 Aza Matabe Nojino, Tamaki-cho,  
Watarai-gun, Mie, Japan

Business Description: Manufacturing of color and monochrome toner

Total Site Area: 101,511m<sup>2</sup>

Total Floor Space of Buildings: 36,552m<sup>2</sup>

Greening ratio: 20.3%

Number of Employees: 304 (As of end of March 2018)

Electricity Usage: 32,850,949kWh (FY2018)

Water Usage: 73,567m<sup>3</sup> (FY2018)

Amount of Industrial Waste Discharged: 475,464kg (FY2018)



Tamaki Plant is the main plant which handles everything from the development of various types of toner to the production. The plant also develops tools and jigs used to assemble MFPs (multifunctional products), etc. and is a key facility playing the role of "mother plant" in passing down Kyocera's manufacturing technology. In order to perpetuate these important business activities, coexistence with the local community is required to the companies. The area around the plant is blessed with an abundant natural environment, and the plant is adjacent to residential and agricultural areas. Therefore, we have particularly worked on environmental conservation, coexistence with the community and realization of a safe workplace as the most important issue.

### Conversion of Waste Toner into Valuable Material

With the expansion of the production volume of the plant, the amount of industrial waste emissions tends to increase year by year. However, we set an annual reduction target and every year we have been reducing the amount of industrial waste produced. With regard to the recycling of waste toners (toners that were unfit for market release at the time of production) that has been taking place since 2012, we are able to improve the recycling into valuable materials ratio to over 80%. Moreover, by strict sorting of waste plastics, we can convert over 80% of such waste into plastic raw materials (valuable materials).



Storage place for used toners to be used for steel making

### Efforts to Ensure Safety in the Pathways in the Plant

Efforts to ensure the safety of pedestrians in the plant have been conducted. Color coding ("Green belts") to differentiate between traffic zones for pedestrians vs. traffic zones for vehicles allows employees, as well as visitors, to clearly recognize the zone in which they should walk and helps to enhance and ensure pedestrians and traffic safety in the plant.



Pathways dedicated for pedestrians in the plant

### Held Kids' ISO 14000 Environmental Class

Mie Prefecture is promoting efforts such as the Kids' ISO 14000 Program (Introduction) for raising environmental awareness of elementary school children in the prefecture, through activities, such as energy conservation in the home. This is based on the Basic Environmental Plan of the prefecture. As part of this program, we have held classes at a total of four elementary schools in the town of Tamaki. Parents and teachers said that it was a good opportunity to raise awareness of energy conservation.



Environmental class led by employees

### Held Summer Festival

On July 29, 2017, approximately 1,700 people, including local residents, business partners, employees and their families, visited the summer festival. Visitors enjoyed events such as a welfare bazaar, a penalty-kick shoot-out and coloring, booths like a yo-yo game and a musical performance by a band composed of employees. A spectacular drum show by a local group, Tamamaru Ondo Preservation Society, also attracted them. The final event of the festival was a powerful skyrocketing fireworks display, which is a summer tradition in Japan.



Skyrocketing fireworks

Clean &amp; Green Plants

# Hirakata Plant (Japan)

1-38-12 Tsudakita-machi, Hirakata-shi,  
Osaka, Japan

Business: Manufacturing of MFPs (multifunctional products) and printers  
Description: (supplying to the US federal government), monochrome toner and photoreceptor drums; storage and shipping of products and parts

Total Site Area: 46,017m<sup>2</sup>

Total Floor Space of Buildings: 58,978m<sup>2</sup>

Greening ratio: 18.4%

Number of Employees: 197 (As of the end of March 2018)

Electricity Usage: 14,843,381kWh (FY2018)

Water Usage: 32,389m<sup>3</sup> (FY2018)

Amount of Industrial Waste Discharged: 58,174kg (FY2018)



The neighborhood of the Hirakata Plant, located in the suburbs of an urban area relatively close to the three cities of Osaka, Kyoto, and Nara, is rich in nature, with the Hotani River, Yamada Pond, which is famous as a bird-watching site, and the "Satoyama"<sup>1</sup> of Hotani Area," which was selected as one of the top 1000 Monitoring Sites<sup>2</sup> and Top 100 Villages of Japan<sup>3</sup>. Also, the academic research district, which is a part of Kansai Science City, is located near this verdant area; an exceptional environment, where nature, people and society coexist. The Hirakata Plant has been here in the Hirakata Tsuda area for over 50 years since its establishment, thanks to the support from local people and society. Grateful for their hospitality, we will continue to work on business activities with safety and peace of mind as the first priority, as well as the contribution to natural and environmental preservation more actively.

\*1 :Japanese words for "A mountain closely connected to the people's life in a rural area" \*2: Priority rural survey area as designated by the Ministry of the Environment

\*3: Selected by the Asahi Shimbun newspaper and the Forest Culture Association

## Held Community CSR Report Meeting

On November 1, 2017, we held a CSR report meeting at the Hirakata Plant. We invited 14 people from 10 organizations, including local governmental agencies and local residents' associations, as well as the Vice Mayor of Hirakata City and explained our environmental management, social contribution activities and our efforts for the environmental protection, occupational health and safety and disaster prevention.



CSR report meeting

## Received Excellence Award at Hirakata Green Curtain Contest

The municipal government of Hirakata City recommends that its citizens install "green curtains" as an effective means to prevent global warming or mitigate summer heat. We installed our own high-density green curtains, composed of goya (bitter squash) and morning glory, which cover entire buildings (including our administrative building). And the efforts including this were highly rated, which resulted in our winning the Excellence Award in the 2017 Green Curtain Contest.



Green curtain on the wall of the plant's administrative building

## Achieved the Record of 4,100 Accident-Free Consecutive Workdays

On September 26, 2017, we received a commendation from the Osaka Labor Bureau for the record achievement of 4,100 consecutive accident-free workdays. At the certificate of recognition award ceremony, held at the North Osaka Labor Standards Inspection Office on November 15, 2017, the director of the labor standards office told us, "Please continue to create a safe workplace, aiming to achieve the record of 6,100 accident-free consecutive workdays".



Certificate of Recognition

## Held Summer Festival

More than 1,800 people, including local residents, guests, and families of employees, visited the summer festival held on August 5, 2017. The performance by the Osaka Prefectural Hirakata Tsuda High School brass band (which takes part in this festival every year) and prize drawings, as well as the singing performance of the Kansai Gaidai University Acappella Club, created a stage of excitement. Booths were also popular, with long lines of people in front of them.



Performance by the brass band of the municipal Hirakata Tsuda High School



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