



## Top Message



To achieve a sustainable society, we commit to various international agreements and strive to become a company that earns society's trust.

Yoshihiro Hidaka

President, Chief Executive Officer and Representative Director, Yamaha Motor Co., Ltd.



Approach to CSR

### **Activities for Stakeholders**



**Customers**Striving to Bring *Kando* to Our Customers



Shareholders and Investors
Engaging in Active Communication



Employees
Creating Workplaces That Respect Diversity



**Business Partners** 

A Spirit of Fairness and Cooperation



The Community

The Bonds for Creating and Sharing Kando



The Environment

Achieving Sustainable Growth Which Harmonizes People with Nature

# Cooperating with International Initiatives

## DEVELOPMENT GOALS



- Sustainable Development Goals (SDGs)
- Participating in the UN Global Compact
- Commitment of Participation in the Science Based Targets initiative (SBTi)

#### **External Assurance**



Third-Party ESG (Environmental, Social, and Governance) Evaluations



#### **Environmental, Social, and Governance Issues**

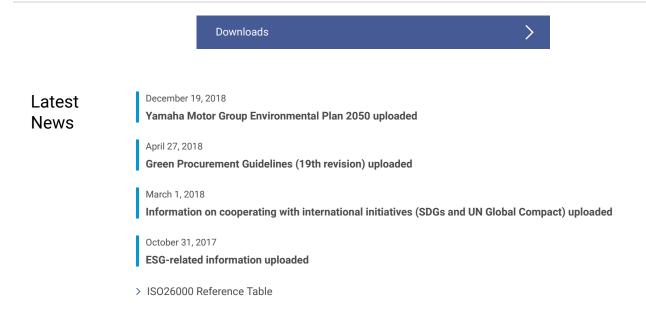
#### Environment



#### Social



#### Download the recent reports and past sustainability reports



## **Top Message**

To realize a sustainable society



Yoshihiro Hidaka
President, Chief Executive Officer
and Representative Director,
Yamaha Motor Co., Ltd.

The Yamaha Motor Group's corporate mission is to be a "Kando\* Creating Company – Offering new excitement and a more fulfilling life for people all over the world," and we operate under three management principles: Creating value that surpasses customer expectations; Establishing a corporate environment that fosters self-esteem; and Fulfilling social responsibilities globally. Based on this corporate philosophy, we have constantly pursued new challenges, leading to the opening of new markets, the creation of unique products, and the development of a wide range of businesses. Our company as it exists today was built on this history.

At the same time, we are facing an era of major transformation.

The Paris Agreement to combat climate change, adopted in December 2015 at the 2015 United Nations Climate Change Conference, also known as COP 21 (the 21st yearly session of the Conference of the Parties (COP) to the 1992 United Nations Framework Convention on Climate Change (UNFCCC)), set a target of holding the rise in the average global temperature to less than 2°C. However, products that use internal combustion engines account for roughly 90% of Yamaha Motor's net sales. I believe the trend toward electric vehicles being seen in the automobile industry is bound to extend to the motorcycle industry as well. This development figures into our medium- to long-term business strategy as both a risk and an opportunity, and along with strengthening our competitiveness in the electric commuter segment, we are emphasizing products that use robotics. We are also pursuing innovation that will lead to the realization of a society that is not dependent on carbon-based fuels.

The 2030 Agenda for Sustainable Development, which lists a set of common, international Sustainable Development Goals (SDGs) to be achieved by 2030, was also adopted at a United Nations summit in 2015. As a global company with businesses in more than 180 countries and regions, the Yamaha Motor Group is working to achieve the SDGs through its products and services, and to contribute to society through its business development.

To demonstrate our determination both inside and outside the Company, and to promote activities that address these environmental, social, and governance principles that society expects us to uphold, in 2017 the Yamaha Motor Group became a signatory to the United Nations Global Compact, a set of 10 principles in the areas of human rights, labor, the environment, and the prevention of corruption. As we operate our global businesses, we require that the Yamaha Motor Group itself and our entire supply chain understand and comply with this framework.

Going forward, we will engage in a commitment to international agreements, while emphasizing harmony with local communities, society at large and the global environment, and promote activities that will lead to the realization of a sustainable society, to become a company that earns the trust of stakeholders.

\*Kando is a Japanese word for the simultaneous feeling of deep satisfaction and intense excitement that we experience when we encounter something of exceptional value.

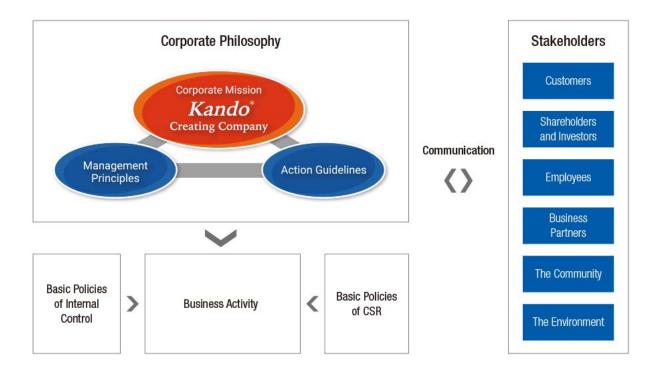
## **Approach to CSR**

Introducing Yamaha Motor Group's stance on CSR and its philosophy

Since our founding, our "Company Pledge" has called on all employees to contribute to society through our corporate activities.

The Yamaha Motor Group has worked to create diverse value through engineering, manufacturing and marketing based on our Corporate Mission: Offering new excitement and a more fulfilling life for people all over the world. Our three Management Principles — surpassing our customers' expectations, fostering employee self-esteem and fulfilling global social responsibilities — embodies our stance towards our customers, employees, and society. Our Corporate Mission, Management Principles, and Action Guidelines add up to our "Corporate Philosophy."

The Yamaha Motor Group believes the Corporate Social Responsibility (CSR) to be expected of us is a contribution to sustainable development of society through our business activities based on our "Corporate Philosophy." Our Basic Policies of CSR reflect the especially important social responsibility we owe to our stakeholders.



### **Basic Policies of CSR**

The Yamaha Motor Group strives to contribute to the sustainable development of society through our business activities based on our corporate philosophy and to always abide by the letter and spirit of domestic and international laws and regulations. We are dedicated to earning the trust of the global community, and we place great value on communicating with all stakeholders.

We expect all of our business partners to share our principles and to act in accordance.

Customers	<ul> <li>We offer new excitement and a more fulfi lling life for people all over the world through high-quality products and services that combine safety and innovation.</li> </ul>
	We provide practical, helpful information about products and services to customers.
	We make every effort to protect the personal information of our customers and others involved in our business.
Shareholders and	We aim to deliver stable, long-term growth to enhance corporate value.
Investors	We disclose appropriate corporate operational results and fi nancial status in a timely manner.
Employees	We provide equal employment opportunities to build a diverse and discrimination-free workforce.
	We provide fair working conditions while maintaining and improving a safe and healthy working environment.
	We maintain respect for human rights and never tolerate child labor or forced labor in any form.
	We work toward building success for both our employees and the Company through honest communication and dialogue founded on mutual trust.
Business Partners	We respect our suppliers, dealers, and other business partners and aim to build mutual long-term growth founded on mutual trust.
	We maintain an open door to new business partners around the world and choose companies based on comprehensive value, regardless of nationality or size.
	We respect the competition laws of each nation and region and maintain fair business practices.
The Community	We honor the culture and customs of every country and community, and we strive as a corporate citizen to act in balance with society.
	We work to contribute to the development of sound communities by providing means of mobility, creating employment opportunities, and fulfi lling our tax obligations.
	<ul> <li>We promote social action programs including personal mental and physical development, environmental preservation and safety activities, as well as supporting private initiatives undertaken by employees.</li> </ul>
	We maintain honest and fair relationships with government agencies and public authorities.
The Environment	We develop environmental technologies to create products that balance economic needs with environmental well-being.
	We aim to minimize the environmental impacts of our operations and make efficient use of limited natural resources.
	We form wide-ranging partnerships with communities around the world to perform environmental conservation activities.

Corporate Philosophy Sasic Policies of Internal Control PDF (153KB)

### **Customers**

Introducing our initiatives to provide value through Monozukuri (engineering, manufacturing and marketing) and services, and to promote safe driving

# Aiming to be an engineering, manufacturing and marketing enterprise that gives customers a sense of *Kando*\*

The Yamaha Motor Group's product quality and *Monozukuri* (engineering, manufacturing and marketing) are based on maintaining ongoing, close relationships with our customers. Going forward, we believe we must continue to strive to enhance this product quality by taking a customer-oriented approach. To do this, all divisions are striving to raise the quality of the work they perform.

We will continue to undertake activities that provide a sense of excitement to customers. We will strive to achieve the best quality possible and realize safety and reliability, based on a customer-oriented approach that emphasizes a deep sense of emotion in accordance with the spirit of the Yamaha Brand Charter.

\*Kando is a Japanese word for the simultaneous feelings of deep satisfaction and intense excitement that we experience when we encounter something of exceptional value.

#### **Providing New Excitement**

Yamaha's corporate mission of being a "Kando Creating Company" is an expression of our desire to offer our customers around the world products and services that bring joy and unexpected exhilaration of the kind that enriches their lives with new fulfillment, in harmony with society and the environment.

Being such a company requires us to constantly uphold our standing as an excellent engineering, manufacturing and marketing enterprise with a prominent global presence. Product creation begins with the customer. Our task as a manufacturer is to enhance our competitiveness by maximizing and optimizing the value of the products we provide to customers, in terms of their appeal, reliability and cost performance, in ways that exceed customer expectations.



#### **Customer satisfaction regarding Yamaha Motorcycles**

	2014	2015	2016	2017
Satisfied customers	88%	92%	92%	95%

Figures are the percentage of customers in each year who purchased a major motorcycle model in the previous year and gave a customer satisfaction rating of 4 or higher on a scale of 1 (lowest) to 5 (highest) in sampling surveys.

(Countries covered: Japan, United States, Germany, France, Spain, Taiwan, China, Brazil, India, Indonesia, Thailand, Vietnam, the Philippines and Malaysia)

#### Approach to Quality

Yamaha Motor is working daily to improve quality and to provide customers with peace of mind and confidence as well as a sense of excitement. The Basic Policies for Quality form the standard against which these activities are judged. As Yamaha Motor's president has declared, these are Groupwide policies under which "To constantly provide peace of mind, confidence and a sense of excitement to customers, we strive to achieve the best quality possible, by creating suitable standards of safety and reliability to realize high-quality products and services effectively, taking a customer-oriented approach that emphasizes a deep sense of emotion in accordance with the spirit of the Yamaha Brand Charter."

Under these policies, we formulated the YQ2018 Companywide medium-term quality policy covering the years 2016-2018, which sets three specific goals for our business activities: quality that provides exceptional excitement; quality that challenges; and quality that is trusted.

In addition, the Yamaha Group's Quality Assurance Standards conforming to ISO9001 form the basis for continuous improvement to quality management systems.

#### Structure for Improving Quality

The Product Assurance Committee is the highest organization for determining quality assurance Companywide. This committee deliberates policies and measures for quality, the formulation, revision, and abolishment of Quality Assurance Standards, and responses to quality-related issues. Its decisions are passed on to persons responsible for quality management at operating divisions and administrative divisions at Quality Assurance Meetings, and implemented at manufacturing sites. We have also established a Market Quality Information Oversight Committee, which is authorized by the President and CEO to investigate and make reports, for the purpose of appropriately maintaining market quality information processing operations including information regarding product defects in each market and information regarding maintenance covered by product guarantees.

#### **Quality Enhancement Activities**

To ensure that employees have ingrained, quality-related knowledge and skills, training about quality is held for new hires, for employees two to five years after being hired, and for persons newly appointed to management positions. In addition, education and training programs are in place to enhance the skills of employees, to ensure that they are technologically proficient with regard to quality related specifically to their type of work and specialization.

With those programs as a base, all employees undertake the "I am Yamaha" activities for enhancing quality during their actual work. These activities encourage a strong sense of ownership in every employee, so that each individual believes, "It is I, and no one else, who is personally responsible for making the Yamaha brand shine." This attitude, along with a customer-oriented approach, allows employees to refine their powers of perception (ability to make discoveries) and to enhance the quality of their work. Both as an organization and as individuals, we will strive to further improve quality by working to: (1) enhance our customer sense; (2) increase interaction; (3) learn from mistakes; and (4) do high-quality work.

Specifically, this includes the operation of a Learning through Experience Hall that uses product and panel displays to learn from past mistakes, planning events for interaction with other companies, issuing educational leaflets, and conducting awareness surveys. Moreover, product divisions undertake their own effective activities based on their respective circumstances, to further increase awareness and create more opportunities for learning.

#### Approach to Service

The Yamaha Motor Group views after sales service as an important aspect of quality, and that principle is laid out in our Basic Policies for Quality as "To constantly provide peace of mind, confidence and a sense of excitement to customers, we strive to achieve the best quality possible, by creating suitable standards of safety and reliability to realize high-quality products and services effectively." Under these policies, we have introduced the slogan "One to One Service" for the active creation of positive relationships with each individual customer. Accordingly, we operate the Yamaha Technical Academy (YTA) program around the world to train service technicians as per our proprietary unified global standard. Trainers in each country who have been trained by headquarters hold regular classes for the service staff in their country, so that they acquire technical skills that are up to Yamaha's unified global standard. This program has three levels of accreditation – Bronze, Silver, and Gold – and dealers display certificates showing the level that the dealership has received. In 2017, the percentage of technicians in our 24 major countries with YTA certification was 83%, exceeding the target of 80%, and the percentage of dealerships with a certified technician was 76%

In addition, the Yamaha Parts & Accessories Academy is a similar training program covering the parts and accessories that are essential for after sales service.

#### Yamaha World Technician Grand Prix

The Yamaha World Technician Grand Prix is one of our activities to deliver even greater customer satisfaction by enhancing the technical abilities used in daily work by service staff who have been trained at the YTA. The top finishers at regional preliminary rounds gather at our headquarters once every two years to compete in a contest to determine the world champions in the areas of "high level of technical skills," "easy-to-understand explanations," and "Kando response." Service staff from around the world participate in this competition, and their motivation to be a top finisher is reflected in their daily service activities.

> Details of the Yamaha World Technician Grand Prix

## Responding to Customers

We want customers to use our products with peace of mind for a long time. This makes a stable supply of parts indispensable. To prevent shortages for motorcycles, we maintain a minimum of a 10-year supply of parts, and have built a system where customers can order parts online and have them delivered quickly. For customer convenience, we also keep a parts list published on the website, so that customers can use a personal computer or smartphone to identify the parts they need and order them from dealers.

Our service activities also include a "time commitment service," mainly in the ASEAN region where many people use motorcycles as a means of daily transportation. For example, we tell the customer, "A regular inspection will take this long," or "An oil change will take this long," committing to the amount of time the customer has given us and not causing stress for the customer by saying, "We don't know when it will be finished."

#### Use of Customer Information

The Yamaha Motor Group views opinions and requests from customers as expressions of their expectations for our products and services, so we carefully respond to each opinion and request we receive, in the belief that raising the level of customer satisfaction will lead to trust. Based on this spirit, we undertake various activities to know how customers evaluate and use our products, and to learn how to improve our products and what kinds of products to make in the future. For example, we send an Internet survey to customers who have purchased a new product, and in some cases, we may ask the customer in person for a more detailed evaluation.

Our Customer Communication Center handles customer inquiries related to our products and services, including motorcycles, marine products, electrically power assisted bicycles, generators, and snow throwers. Comments received from customers are stored in a database, and are made available within the Company so that they can be used to develop and improve our products and enhance our services.

Customer safety is our first priority, and in addition to enhancing product quality, we continue to put our maximum effort into activities which explain to customers in an appropriate manner how to use our products correctly.

These efforts include the publication of catalogs and brochures that convey the attractiveness of our products and product manuals that explain correct product use, as well as safety promotion activities such as riding schools that allow customers to gain first-hand knowledge about using our products.

The following is an introduction of some of the activities organized by our various businesses that help customers understand how to use our products properly.

#### **Examples**



## **Promoting Safety**

Introducing the approach and policies related to customer relations

#### **Promoting Safety**



YRA: For Safe Riding, Now and Going Forward





In addition to achieving its corporate mission of being a "Kando Creating Company," Yamaha Motor strives to fulfill its social responsibility to enable customers to ride safely. Testament to this commitment is Yamaha Riding Academy (YRA) which runs safe riding courses around the world. To ensure that our products are used properly, safely and enjoyably, and serve our customers well, we offer a wide range of activities including safe riding courses for general customers, classroom instruction for companies and organizations that use our products commercially, and courses to train instructors at affiliates around the world.











> Sustainable Development Goals (SDGs)



YRA Instructor Hierarchy

We have established a YRA instructor hierarchy to support quality YRA activities around the world. In addition to riding ability, instructors are required to be certified in the following skills:

- Understanding and being able to explain YRA's philosophy and purpose
- · Manners and rules for dealing with customers
- Holding and conducting classroom lectures
- · Knowledge and ability to explain safe riding
- · Knowledge and ability to explain and demonstrate safe riding
- Knowledge and ability to explain products and pre-ride checks

The YRA instructor hierarchy has three levels of certification:

#### YMC Trainers (YMC = Yamaha Motor Company)

YMC trainers are from YMC, and visit affiliates around the world to conduct training for and certify trainers and instructors.

#### **Trainers**

Trainers are located at affiliates around the world and have been promoted to the rank of instructor after being certified by YMC trainers.

They train and are authorized to certify instructors in their own companies.

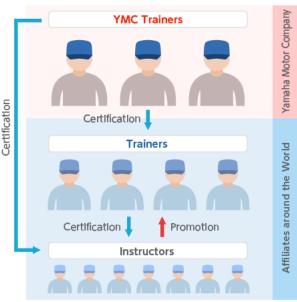
They also hold and conduct YRA classroom lectures for customers.

#### Instructors

Instructors are certified by YMC trainers or trainers from their own companies, and are located at affiliates around the world.

They hold and conduct YRA classroom lectures for customers.

#### **YRA Instructor Certification**



## Basic YRA Programs

YRA has a broad range of students, from beginners, current riders, return riders and children to companies and organizations, that use motorcycles for commercial purposes.

Basic YRA programs are held based on the needs of the customers taking the course and the characteristics of the products being used.

Actual riding instruction is carried out in cooperation with local Yamaha affiliates, founded on basic YRA programs and taking into consideration customer needs, traffic safety issues, and other local circumstances.



**Taiwan**Safe riding instruction for purchasers of



Training for police officers

**Brazil** 



Lessons for return riders and beginners

**Japan** 



Thailand

large motorcycles

Courses for acquiring a rider's license



India

Children and family traffic safety program

### **Taiwan**

Introducing the approach and policies related to customer relations

#### Taiwan

The market for large motorcycles in Taiwan is growing, but this increase is leading to concerns of a rise in traffic accidents.

Many of our customers have been riding 125cc-class scooters and are now moving up to large scooters or motorcycles, but are unfamiliar with handling larger vehicles or operating the clutch.

Yamaha Motor Taiwan Co., Ltd. (YMT) is selling the TMAX, MT-07, and YZF-R3, and offers YRA safe riding courses to customers who purchase these models.

This includes both classroom instruction (YSRS) and hands-on lessons in riding techniques, to raise customers' awareness of safe riding as well as their knowledge and ability to enjoy our products safely.

During 2016, we held 30 courses for 198 participants, many of whom said the course was very useful.







> More about YMT's YRA in Taiwan

## **Brazil**

Introducing the approach and policies related to customer relations

#### Brazil

In October and December 2016, we held the YRA Offroad Special Training for Police, where police officers and firefighters in Brazil were taught how to use motorcycles safely, correctly, and effectively.

With local trainers from our affiliate in Brazil, Yamaha Motor do Brasil Ltda. (YMDB), as instructors, 20 police officers and firefighters worked on developing their off-road riding skills.

Road surfaces and pavements in Brazil are often in poor condition, and there are many off-road situations in which motorcycles are suited for police and firefighting operations, creating a need for skills in fast, safe riding. The course consisted of the basic YRA program plus additional curricula in line with local requirements as determined by the local police and YMDB.

By teaching safe riding utilizing the special features of Yamaha products, we were able to contribute to the smooth operation of public activities.







> More about YMDB's YRA in Brazil

## **Japan**

Introducing the approach and policies related to customer relations

## Japan

In Japan, Yamaha Motor offers lessons to promote safe riding, primarily for return riders and beginners.

Return riders are mostly people in their 40s and 50s, who have taken up riding again after stopping because of factors like work, marriage and raising children. Such riders have been increasing in number in recent years.

During this long break, their physical strength and riding skills decline, and motorcycles change. Riding a motorcycle without being aware of this decline raises concerns over increased accidents as a result of avoidable mistakes.

On the other hand, there are also customers who have obtained their motorcycle license but are not confident of their riding ability and are afraid to go out on public roads. These inexperienced riders are therefore hesitant to take the next step of purchasing a motorcycle. A problem facing such people in Japan is that despite obtaining their motorcycle license at a driving school, they do so without having any riding experience on public roads, and therefore have to learn on public roads by themselves.

During 2016, we held 27 classes, where some 276 customers learned how to ride enjoyably and safely.

The most popular course is called "Lesson & Touring," where students first review riding basics on a course, and then go on a short ride on public roads supported by instructors. Students who have taken this course have said, "It has been a long time, so this was good practice," and "This was my first time to ride on public roads, but with the instructor's support I was able to ride with peace of mind, and now am confident of my ability."









> More about YRA in Japan

## **Thailand**

Introducing the approach and policies related to customer relations

#### Thailand

Yamaha Riding Academy (YRA) is a training facility, located on the grounds of Thai Yamaha Motor in Samutprakarn province. At the time it was built, Thailand had more than 70,000 motorcycle accidents annually. Thai Yamaha Motor has been active in promoting safe motorcycle riding, since 2005, and has been offering safe riding courses 40 to 50 times per year, as well as holding official tests and issuing certificate of qualification for qualified riders. To expand and enhance the quality of these activities, Yamaha Riding Academy was established in August 2008 as the Group's first overseas training facility.



At YRA, we offer a wide range of programs for customers who have yet to obtain a rider's license and for veteran riders who already own a motorcycle, as well as programs on how to safety ride scooters and large capacity motorcycles.

One of these programs involves assisting riders to obtain a license.







In addition to providing instructions toward getting a license, this program has an online system connected to the Thai Ministry of Transport, allowing customers to take the license test on-site.







The instructors at YRA are also active outside the facility grounds, such as organizing activities to help promote safe riding at vocational schools and holding motorcycle classes for children at various events.

Yamaha dealerships and the Thai Ministry of Transport are also working together to help customers obtain a motorcycle license, especially in rural areas.





> More about TYM's YRA

Introducing the approach and policies related to customer relations

#### India

#### YCSP (Yamaha Children Safety Program)

Yamaha Riding Academy is offering road safety programs for children. Here in India, we developed this activity uniquely and more creatively.

Zippy! A Mascot created by the kids, for the kids! It acts as a tutor to help educate children on sensible attitudes toward road safety and traffic rules in a more fun and interactive way.







YCSP (Yamaha Children Safety Program) is to promote awareness of road safety and we are nurturing the kids right from their budding stages.

Yes! We are more concerned about road safety of our future citizens. At Yamaha, we are committed to create and inculcate proper road safety awareness among the kids and to transform them into more responsible citizens thus paving a way for safer roads in India. In 2016, we had more than 50,000 kids participate in 275 activities.

#### YFSP (Yamaha Family Safety Program)

A Corporate Social Responsibility (CSR) initiative by YMIS(Yamaha Motor of India Sales Private LTD), promotes and assists safety activities that prevent road accidents to larger extent. We connect with family and kids through our uniquely designed programs that strive to inculcate safe and responsible riding among all the sections of the society.







In YCSP (Yamaha Children Safety Program), an integral part of YFSP (Yamaha Family Safety Program) is to promote road safety and we are nurturing the kids right from their budding stages. Here, we encourage the kids to come up with more creative ways of incorporating road safety themes into their drawing and dancing. The idea is to induce safety into their subconscious mind.





## **Shareholders and Investors**

A page with links to IR information

#### Shareholders and Investors

In order to ensure accountability by providing shareholders and investors with appropriate, accurate and timely information, Yamaha Motor has established a specialized division which engages in IR activities inside as well as outside Japan.

In addition to the annual shareholders' meeting and quarterly earnings briefings, the division holds IR meetings with investors from within and outside of Japan, and organizes business briefings. Furthermore, the division discloses IR information on the Company's website, operates a website to provide information to individual investors, and makes videos of earnings briefings and briefings for individual investors publicly available, in an effort to proactively disseminate information so that even more shareholders and investors have a better understanding of Yamaha Motor's business strategies.

Since 2017, a full-time investor relations staff has been employed in Tokyo, and engagement and constructive dialog began with shareholders in the United Kingdom, the United States, and other overseas locations, while communication with analysts and investors has also become more proactive.

Yamaha Motor has established the Employee Shareholding Association in order for staff to build up their assets as well as have them further increase their engagement with the Company by having an awareness of participating in management.

Through this initiative, employees making a greater contribution to business performance will be one factor driving an increase in the Company share price, which will also lead to increased value of the assets held by employees.

- > New Medium-Term Management Plan (2016-2018)
- > PDF presentation of new Medium-Term Management Plan PDF
- > Video presentation of new Medium-Term Management Plan MOVIE

#### Information for shareholders and investors is available on the websites below



## **Employees**

Introducing the approach and policies related to employees

#### **Employees**

## Global perspective and respect for diversity

The Yamaha Motor Group strives to create workplaces that respect diversity, with the aim of achieving an organizational structure that is based on the sharing of ideas and equally high ambitions and spirit, cooperation, and joy in our work among the Company and its employees from a global perspective.



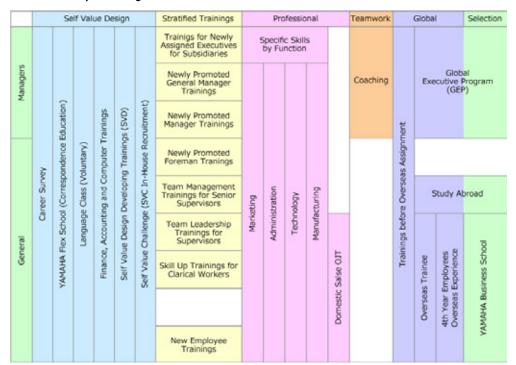
Multifaceted Human Resources Development

As our business becomes increasingly global in scale, we believe we need to step up our efforts in areas such as human resources development, for which we are expanding our human resources development programs each year to address employees in a variety of positions.

Specifically, our programs include stratified training, training to refine specific functional skills, and training systems that develop human resources who are able to work at the global level through fourth-year-employee overseas experience and working as an overseas trainee, as well as coaching to enhance performance as an organization with cohesive teamwork.

This coaching was implemented in 2016 as an effective tool to make managers fully function as the middle management in the organization, and is being completely rolled out from 2017 in more workplaces.

Training hours per employee to enhance employees' capabilities (total training hours / No. of Yamaha Motor employees) in 2017 was 9.2 hours (excluding compliance training, training related to health and safety laws and regulations, and training for new hires).



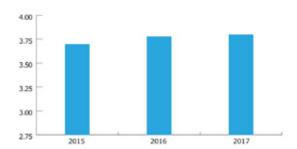
YMC HR Development Program

## The Number of Participants in YMC HR Development Program 2017

Global/Selection (Except "Study Abroad" and "Overseas Trainee")	259
Teamwork	63
Professional	2,394
Stratified Trainings (Except "New Employees Trainings")	859
Self Value Design (Except "Self Value Challenge" and "Career Survey")	1,465

#### **Employee Motivation**

In response to the question, "Are you motivated in the performance of your job?", with a score of (5) for "Highly motivated," (4) for "Somewhat motivated," (3) for "Neither motivated nor not motivated," (2) for "Not very motivated," and (1) for "Not at all motivated."



Percentage of employees replying, "Highly motivated" or "Somewhat motivated" in response to the question, "Are you motivated in the performance of your job?"

2015: 81.3%, 2016: 69.5%, 2017: 72.0%

<sup>\*</sup> The choice "Neither motivated nor not motivated" was added in 2016.



Based on our fundamental belief that "all corporate activity originates first of all with and for people," we have clearly defined our stance on human rights in its Basic Policies of CSR and Code of Ethics. Moreover, to maintain continuous growth, we believe it is important that our workforce incorporates diverse viewpoints and values, reflecting different experiences, skills, and attributes.

To achieve this, we have developed and implemented common management development programs around the world and introduced global human resource systems to train and hire talented staff, as we work to build an organization that utilizes global experience and knowledge.

#### **Utilizing Global Human Resources**

Since 2012, the Yamaha Motor Group has held meetings of the Global Executive Committee (GEC) as a venue for Japanese and local executives to discuss Group issues. In this committee, top management from the Group's core companies deliberate and consider topics related to global management that will later be deliberated at the Management Committee. Our brand slogan "Revs your Heart" was adopted following consideration of the GEC.

For management positions, we promote to recruit superior personnel regardless of their nationality or place of birth, and are working toward the goal of having local managers fill 60% of management positions at overseas subsidiaries by 2018. We are also pursuing global integration of the Group's core positions, and since 2016 have been recruiting employees from overseas bases for headquarters positions at the general manager level and above.

In terms of hiring, we fill a certain percentage of career-track positions for new graduates at headquarters with candidates from overseas.

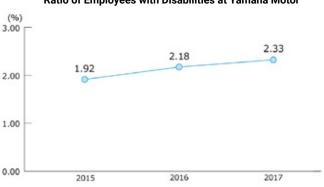
#### **Promoting Women's Active Participation**

To promote active participation by women, we have set and are pursuing targets of doubling the number of women hired for managerial positions in 2014 by 2020, and to hire three times the 2014 number by 2025. A woman became president of an overseas Group company for the first time in 2018.

We are creating an environment that facilitates greater performance by women through measures that included setting women-only recruitment themes for in-house job postings when conducting personnel reassignments in 2017.

#### Promoting Employment and Raising Motivation for People with Disabilities

For people with disabilities, in October 2015, we established Yamaha Motor MIRAI Co., Ltd., to provide a place where they can participate actively in accordance with their capabilities, and to promote their social independence. The company began full-scale operations in 2016, and has expanded its areas of business while holding various events such as company tours and workshop presentations in an effort to enhance the job satisfaction and motivation of employees. In addition, we promote understanding and cooperation throughout the Group by introducing the activities of Yamaha Motor MIRAI through our bulletin boards and company newsletters.



Ratio of Employees with Disabilities at Yamaha Motor

Supporting Work-Life Balance

We support career planning that is based on the assumption of mutual confirmation by both the employee and the Company, and aim to create workplaces that promote a healthy work-life balance.

We are enhancing our systems so that employees can work in ways that suit their individual circumstances, by providing childcare leave, nursing care leave, and family illness leave, as well as systems such as flexible work time, short working hours, and the rehiring of employees who resigned to accompany their spouse on overseas postings. We are also working to support employees raising children through "Wai-Wai Land," an in-house childcare facility providing broad-based support for both "work and family." In 2016, we expanded the size of this facility and increased the number of children who can be accepted. In addition, certain consolidated subsidiaries have introduced programs allowing employees to work from home.

Our policy is to reduce excessive work hours with the aim of reducing overtime, and in consideration of maintaining mental and physical health. We have also established Rules Regarding Overtime Work, which are stricter than the legal requirements, based on labor-management consultations. In addition, the Labor-Management Committee on Working Hours, comprising participants from both the labor union and the Company, meets every month to confirm the present state of working hours.

Regarding the use of paid leave, we make efforts to encourage our employees to take time away from work by setting targets for both employees and management, and sending special notices to those eligible for five consecutive days of paid leave.

#### Main Work-Life Balance Support Programs (Yamaha Motor Co., Ltd.)

Programs	Details	
Child care leave	Employees may take leave until the child's second birthday.	
Family care leave	Employees may take leave for up to one year on request.	
Family illness leave	Employees taking care of children up to the third grade can take up to 5 days per year in the case of 1 child, and up to 10 days if they have two or more preschool-aged children.	
Flexible work time system	Working hours* can be set at any time between 6:30 a.m. and 9:45 p.m. *Core working hours are from 10:15 a.m. to 3:00 p.m.	
Workload reduction	Limits are placed on overtime, and night work is excused for employees with a child up to the third grade and employees caring for a sick or aged family member.	
Short-time work system	Employees may reduce their working hours by two hours each day.	
Others	Designated "no overtime" days (every Wednesday; any day preceding a company holiday; paydays; and bonus payment days).  Employees can take three consecutive days of paid leave every year (from age 30, employees can take a consecutive five-day paid leave every five years).	

#### Occupational Health and Safety

Under the leadership of the Central Safety and Health Committee, with authority delegated by the President and Chief Executive Officer, Yamaha Motor is promoting the establishment of safe and healthy working environments around the world. We are also engaged in various activities with the aim of zero occupational injuries.

For example, we strive to prevent occupational injuries by performing risk assessments in accordance with the Occupational Safety and Health Management System (OSHMS), to detect potential dangers and harmful conditions in the workplace. We implement detailed risk assessments when new equipment is installed and when new projects are launched. In addition, regular checks based on ergonomics are carried out to ensure that workplaces are safe and comfortable.

Item	Measures taken
Lighting	Semiannually measure lighting in workplaces with illuminometers to ensure that illuminance does not fall below the intensity stipulated in the Ordinance on Health Standards in the Office of the Industrial Safety and Health Act.
Noise	Semiannually measure that noise at manufacturing sites does not exceed 85 decibels.
Air quality	Circulate using central air conditioning systems, and at designated workplaces air quality is measured semiannually by a working environment measurement expert accredited by the national government.
Temperature and humidity	Measure simultaneously as a wet-bulb globe temperature (WBGT) reading, to ensure that workplaces provide a physically comfortable environment.

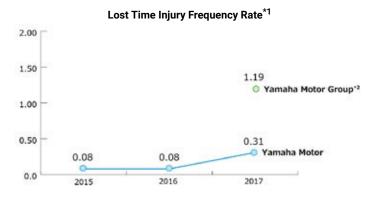
In addition to the above, health managers patrol weekly the workplaces for which they are responsible and safety managers patrol manufacturing and testing sites daily, to ensure that workplace environments are safe and comfortable.

We are focused on developing human resources that can support workplace safety and a healthy occupational environment through job-specific stratified education and training to improve the skills of safety managers, supervisors, and operations chiefs, and by holding occupational safety and health meetings. The following training programs on workplace safety were held during 2017.

Training	No. of participants
Training for newly appointed floor managers (2-day legal and regulatory training)	14
Training for persons appointed as safety managers (1-day legal and regulatory training)	41
Training to enhance supervisory skills of supervisors (1-day legal and regulatory training)	248
Training to enhance skills of operations chiefs of press machines (1-day legal and regulatory training)	46
Hazard prediction training	16
Training course for crane operators	141

Overseas, in 2008 we developed an Occupational Safety and Health Management System (OSHMS) for Yamaha's main manufacturing centers, in an effort to prevent accidents. For centers obtaining group certification, we have introduced a system under which headquarters conducts regular follow-ups with the aim of improving the level of management, performs inspections to determine whether the centers are meeting OSHMS levels, and grants group certification to those that have achieved the required level, with follow-ups conducted on a regular basis.

We also make efforts to prevent occupational injuries among outside subcontractors by establishing work safety quidelines.



- \*1 Lost time injury frequency rate: Number of lost time injuries occuring in a workplace per million work hours
- \*2 Calculated from data for a total of 23 companies, comprising Yamaha Motor and its consolidated subsidiaries and affiliated companies with manufacturing functions.

During 2017 at the Yamaha Motor headquarters, there were seven accidents that resulted in lost work time, and 12 that did not, with 42% (eight) occurring outside the workplace (on domestic or overseas business trips, etc.). In response, the Safety and Health Committee, at its monthly meetings, sends alerts for traveling outside, and as of the end of September 2018, there had been eight accidents, 25% (two) of which occurred outside the workplace.

## Employee Health

Yamaha Motor engages in a wide range of initiatives to help employees maintain and improve their health.

In addition to health checks in accordance with laws and regulations, we offer ongoing health guidance to employees who are at risk for lifestyle-related diseases, and incentives to encourage employees to quit smoking, among other programs. For employees' family members, we provide subsidies through our health insurance association for those receiving regular health checks, cancer screening, complete physical examinations, and other services.

We monitor situations with regard to occupational illnesses through workplace patrols, special health examinations, and other measures. We also provide occupational health education. There were no incidents of occupational illness in 2017 (Occupational Illness Frequency Rate: 0%).

For employees scheduled to be stationed overseas, we hold training prior to posting on infectious diseases such as viral hepatitis and general health management, and provide education on preventing infection and prophylactic medications for employees who are travelling, including on business trips, to areas where there is a risk of contracting endemic diseases such as malaria. In addition, the occupational health physician in charge conducts regular tours of the overseas posting areas, and monitors the health levels and living environments of employees stationed abroad. Furthermore, to handle unexpected circumstances such as sudden illness, we have contracts with private medical service operators who provide both consultations and emergency transportation services.

Moreover, in order to promote health through recreation, we organize events such as the "Walk, Walk Campaign," led by the Health Promotion Center. With regard to facilities, there is a gymnasium located near our headquarters that can be used free of charge by Yamaha Motor Group employees and their families, as well as former employees, and some workplaces and employee dormitories have training gyms equipped with fitness equipment on the premises.

As for nutrition, we support employee health through meals by offering menus at the company cafeteria prepared under the supervision of a dietician based on particular health-related aspects of each workplace.

In February 2018, Yamaha Motor was selected as a "White 500" Outstanding Health and Productivity Management Organization under the Certified Health and Productivity Management Organization Recognition Program promoted jointly by the Ministry of Economy, Trade and Industry and the Nippon Kenko Kaigi.



Support for Mental Health

#### System

Stress checks are performed each year together with health checkups, and analysis results are provided to individuals as feedback in the form of a radar chart. We have also put in place a system for follow-ups with an occupational health physician as necessary. We have resident counselors who work with those who have mental health issues and help them develop mental toughness through counseling and coaching. Furthermore, we have introduced an in-house mental health physician system and are clarifying various aspects of diagnoses and policies.

For employees who return to work after a leave of absence, the "Rework Program" helps prevent a relapse. The relevant manager, Human Resources Division, and occupational health physician cooperate to support the individual for about a year after his or her return to the job.

#### Training

To ensure that mental health issues are promptly identified and addressed, we conduct training for newly appointed managers, supervisors and general managers on such matters as knowledge about mental health and how to handle it at the workplace.

#### **Expanding the System Overseas**

Since 2005, we had been providing a telephone consultation service available 24 hours a day for employees stationed overseas, and have revised the system to take a more proactive approach. The stress checks carried out in Japan have been conducted in the United States since 2016, and in India since 2017. We plan to expand the checks to all employees stationed overseas in 2018.



Relationship with Labor Union

Yamaha Motor has concluded a labor agreement with its labor union "to establish working conditions and management systems that are based on mutually fair understanding and good faith."

Under this agreement, the Company provides the labor union with appropriate explanations of various measures to be implemented and publishes reports on labor management in an effort to ensure employees' understanding of these issues. Moreover, the Company holds labor-management conferences and committee meetings regularly, as well as additional labor-management conferences taking up themes based on management initiatives or to address issues raised by the labor union. Officers of the labor union also participate in the management and operation of the corporate pension fund, the health insurance cooperative, and the mutual aid association.

An agreement dedicated to maintaining minimum wages is also concluded between the labor union and management each year.

An agreement dedicated to maintaining minimum wages is also concluded between the labor union and management each year.

Yamaha Motor adopts a union shop system in which employees below management are members of the labor union, where the participation ratio is 87%. Domestic Group companies have also established labor unions or labor committees and engage in labor-management dialog through those bodies. Labor unions of Group companies including the Yamaha Motor Labor Union are members of the Federation of All Yamaha Workers Unions, and are pursuing mutual cooperation through the federation. Overseas Group companies have established structures for engaging in appropriate labor-management dialog based on the labor practices of the respective country or region, and wages are paid in compliance with local regulations.

> Employee-Related Data

# **Employees**

Introducing the approach and policies related to employees

#### Employee-Related Data (YMC)

		Total	(Male)	(Female)
Number of employees (persons)	2015	10,440	9,365	1,075
	2016	10,511	9,437	1,074
	2017	10,464	9,365	1,099
Average age (age)	2015	42.8	42.9	40.7
	2016	43.0	43.3	40.9
	2017	41.7	41.9	39.8
Number of years of continuous	2015	19.4	19.5	17.7
employment (years)	2016	19.7	19.8	18.3
	2017	18.1	18.2	16.6
Number of New Graduates Hired	2015	243	207	36
	2016	267	226	41
	2017	269	215	54
Total Number of Managers	2015	1,399	1,381	18
-	2016	1,394	1,372	22
	2017	1,406	1,379	27
Number of Junior Managers	2015	1,036	1,018	18
	2016	1,024	1,005	19
	2017	1,023	1,000	23
Number of General Managers and	2015	363	363	0
Above	2016	370	367	3
	2017	383	379	4
Number of Managers Excluding	2015	1,278	1,266	12
Corporate Sectors	2016	1,264	1,251	13
	2017	1,269	1,254	15
Average ennuel wage (ven)	2017		1,234	13
Average annual wage (yen)		7,114,628		
	2016	7,416,221		
	2017	7,404,192*		
Number of temporary employees (persons)	2015	148		
	2016	157		
	2017	109		
Total number of consolidated employees (persons)	2015	53,306		
	2016	53,150		
	2017	53,579		
Number of non-Japanese employees (persons)	2015	62		
	2017	86		
Total number of consolidated non-	2015	42,070		
Japanese employees (persons)	2016	41,727		
	2017	42,334		

<sup>©</sup> Yamaha Motor Co., Ltd.

<sup>\*</sup> Annual salary paid to the President in 2017 corresponded to a ratio of 26:1.

### **Employee Resignations (YMC 2017)**

		Early Retirement Plan Users	Voluntary	Company's Discretion	Reassignment	Other
Male (persons)	67	0	66	0	0	1
Female (persons)	16	0	16	0	0	0
Total (persons)	83	0	82	0	0	1

#### **Business Partners**

Introducing our partnerships with suppliers and business partners in the supply chain

#### **Business Partners**

# A global procurement and sales network based on a spirit of cooperation and fairness

Yamaha Motor products are created through collaboration with numerous suppliers in Japan and other countries. As our procurement and sales structures expand with our increasingly global business, the Yamaha Motor Group is establishing cooperative relationships with suppliers and dealers in Japan and around the world based on a spirit of mutual trust and mutual prosperity. For this reason, we strive to conduct fair business in compliance with the competition laws of all countries and regions while working to create partnerships that aim for mutual, sustainable growth.



Two Policies Underpinning Procurement

As a *Kando* Creating Company, Yamaha Motor provides new excitement and a more fulfilling life for people all over the world, delivering unique, highly functional, high-quality products for use on land, on water, and in the air. To continue to do and build upon this, we consider it essential to take a broad, global view for our procurement of many types of high-quality parts and materials.

This is the thinking underlying our Basic Purchasing Policies, in which Yamaha Motor commits to "conduct fair trading, based on trust and cooperation, and to constantly strive to build better relationships with suppliers through activities to improve quality, price, delivery times, and other factors." We have also implemented the policies in the five areas of an open door policy, just/fair trade, compliance/non-disclosure, respect to global environment, and mutual trust/prosperity. The Basic Purchasing Policies are based on our CSR Procurement Policies, which state, "The Yamaha Group builds trust with its suppliers through positive communication, and strives to realize mutual prosperity."

The Basic Purchasing Policies and CSR Procurement Policies play an important role as the basis for understanding all aspects related to procurement, from the conclusion of new contracts to procurement activities and ongoing transactions.



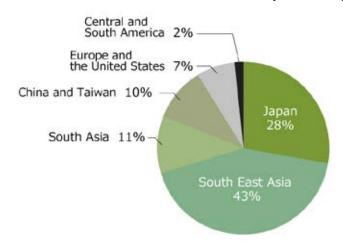
Structure for Promoting Policy Development

The Fair Trading Committee is the organization responsible for ensuring that the Basic Purchasing Policies and the CSR Procurement Policies are adhered to and reflected in our procurement activities. The committee is chaired by the Senior Executive Officer entrusted with that authority by the Company's President and Chief Executive Officer.

In addition to auditing legal and regulatory compliance, the Fair Trading Committee receives reports and deliberates issues regarding current circumstances, and gives instructions for the implementation of its decisions based on the principle of mutual prosperity with suppliers. These decisions are then translated into specific measures by the Fair Trading Promotion Committee, and all points of procurement are made thoroughly aware of these measures as Companywide policies. In addition, a Global Suppliers Conference is held annually, bringing together suppliers from around the world, and this conference and training programs held in conjunction with various events help to ensure a thorough understanding of these policies.

The breakdown of procurement value for Yamaha Motor's main products by region is as follows.

#### Breakdown of Procurement Value for Major Products by Region



#### Promoting Sustainability Throughout the Entire Supply Chain

Under the Yamaha Motor Group's Basic Policies of CSR, we expect our business partners to support the intent of the policies and to act accordingly. To request suppliers to engage in sustainability activities that enables them to respond appropriately to the requests and expectations of society, our CSR Guideline for Suppliers informs our suppliers around the world of our policies with regard to issues including safety and quality, human rights and work environment, consideration to the environment, risk management, and compliance. We promote sustainability activities throughout the entire supply chain. In particular, the items in the self-check sheet attached to the guideline are being revised from 2018 to ensure an understanding of legal regulations, the establishment of policies, systems and rules, and an understanding of the actual situation at each supplier. We intend to use this when concluding contracts with new suppliers and for Yamaha Motor's ongoing monitoring, as well as for evaluating existing suppliers and identifying high-risk suppliers.

Specific environmental activities are covered in the Green Procurement Guideline, and cover ways in which Yamaha Motor works with its suppliers in areas like managing and reducing environmentally hazardous substances and the efficient use of resources and energy.

In addition, the Basic Purchasing Contract that we conclude individually with each supplier guarantees legal and regulatory compliance by requesting that suppliers "comply with related laws and regulations, directives, and other guidelines." Through these activities, Yamaha Motor is promoting sustainability throughout its entire supply chain.

- > CSR Guideline for Suppliers PDF
- > Green Procurement Guideline PDF

## Addressing Procurement Risk

Based on a spirit of mutual trust and mutual prosperity, Yamaha Motor strives to prevent the occurrence and minimize the impact of events related to risks at business partners, including natural disasters, quality problems, and management issues.

With regard to management issues and quality problems, business partners are monitored annually by headquarters, which produces an evaluation of the partner in a total package that covers both business continuity planning and the non-use of environmentally harmful materials. Based on this evaluation, corrective measures are put in place if necessary, and the progress of those measures is confirmed.

In addition, supply chains from beginning to end are registered into a database, and this data is used to track procured parts until manufacturing is completed and to identify risk factors.

#### Working Together on "Procurement for Engineering, Manufacturing and Marketing"

In our interaction with the supply chain, we do not simply procure by purchasing; we emphasize procurement for comprehensive engineering, manufacturing and marketing by working with suppliers so that procurement incorporates both cost and quality.

An example of these activities is the implementation of "theoretical-value-based production" with suppliers. This does not simply mean demanding cost reductions, but instead involves analyzing the absolute value of production activities together with suppliers, and then working to find more ways to improve cost competitiveness. In order to promote these activities, Yamaha Motor has trained some employees to serve as "theoretical-value instructors" at suppliers. We are currently expanding the application of "theoretical value" beyond manufacturing processes to cover all activities related to procurement as well. We are also training supervisors at suppliers to ensure that all suppliers' employees thoroughly understand these policies.

In terms of quality, Yamaha Motor employees visit suppliers to instruct them in the concept and methods of quality management and to train supervisors, similar to how we implement theoretical-value-based production.

## Activities at Dealerships

As our contact point with customers around the world, dealerships play an important role in conveying Yamaha's "next *Kando*." By strengthening relationships with dealers through regularly held dealer meetings and activities to promote safe driving and support local communities, the Yamaha Motor Group is building a sales network that provides common value.

In Japan, dealers mainly in Yamaha Sports Plaza (YSP), an official Yamaha sports bike dealer system, and Yamaha Motorcycle Sales Japan Co., Ltd., play an important role in building ties with local communities and society by cooperating in a range of measures including motorcycle infrastructure development, motorcycle etiquette training, motorcycle recycling, tree planting, and other environmental campaigns, as well as fundraising for seeing-eye dog training.

## **The Community**

Introducing the approach and policies related to local communities

## The Community



Coexistence and Mutual Prosperity of the Company and Local Communities

The Yamaha Motor Group operates in locations around the world, and our business activities help support those local communities. Our products also play a role in enriching the lives of people around the world. We recognize the importance of maintaining a sustainable relationship through which the Company and local communities can coexist and mutually prosper, and to achieve this, we place great importance on maintaining and enhancing a relationship of trust through daily communication with stakeholders in those communities. The Yamaha Motor Group has designated four important areas—Developing Future Leaders, Environmental Conservation, Improving Traffic Safety, and Community Issues—and uses Yamaha Motor's strengths to contribute to society in line with its business strategy, leading to the enhancement of both social and corporate value.

#### Important Areas of Activities Contributing to Society

	Key Themes	Activities
Global Issues	Developing Future Leaders	Promoting mental/emotional and physical health through sports Promoting creativity through engineering, manufacturing, and marketing
	Environmental Conservation	Environmental education for local communities     Respecting biodiversity
	Improving Traffic Safety	Providing traffic safety education to the community     Raising awareness
Local Issues	Community Issues	Supporting the community with Yamaha Motor's products, human resources, and know-how

Employee Volunteer Activities >

Amounts Used in Social Contribution Activities >

## **Developing Future Leaders**

Introducing examples of activities that contribute to the nurturing of future leaders in the communities

#### **Developing Future Leaders**

,

Yamaha Motor Taiwan wins sports promotion award\* for fifth straight year

In September 2017, Yamaha Motor Taiwan received the silver medal in the sports promotion award given by the Sports Administration of Taiwan's Ministry of Education. This was the fifth consecutive year in which the company has received an award, and the second in a row to win a silver medal.

Based on its social contribution policy, Yamaha Motor Taiwan has held a Yamaha Cup youth soccer competition every year since 2009 to cultivate healthy youth people, and in 2017, roughly 5,000 young people competed as 313 preliminary teams. This is one of Taiwan's largest youth soccer events.

\*Sports promotion award: Presented by Taiwan's Ministry of Education to organizations that promote sports





Accepting summer interns through the ABE Initiative

Based on the African Business Education Initiative for Youth (ABE Initiative) announced at the Fifth Tokyo International Conference on African Development (TICAD V) in June 2013, the Company accepted summer interns in August 2017 for the second time, following 2016. Eleven exchange students from seven African countries first gained familiarity with the Company through factory tours and boating experiences, and then held group discussions on the themes of developments with the Yamaha Clean Water Supply System and motorcycle accessories for the African market. This gave them an opportunity to encounter part of our business.



- > Developing Future Leaders
- > Environmental Conservation
- > Improving Traffic Safety
- > Community Issues

## **Environmental Conservation**

Introducing examples of activities that contribute to environmental preservation in the communities

#### **Environmental Conservation**

Building sand-control dam as part of United Nations environmental campaign



Thailand frequently experiences flooding and droughts that impact people's daily lives and the economy. Thai Yamaha Motor and Yamaha Motor Electronics Thailand have participated in a United Nations environmental campaign to reduce the damage from these disasters by planting trees and preserving upstream environments to maintain the mutual relationship between living things and their environment. The building of sandcontrol dams as part of this campaign began in 2016 at the Kaeng Krachan National Park and expanded to the Tublarn National Park in 2017.



> Sustainable Development Goals (SDGs)

## **Improving Traffic Safety**

Introducing examples of activities that contribute to riding safety in the communities

## Improving Traffic Safety



Yamaha Motor Vietnam donates over 30,000 helmets to elementary school students

Yamaha Motor Vietnam held a Kid Donation 2017 in Quang Nam and Vung Tau in October 2017 with the participation of Vietnam's National Traffic Safety Committee and other government authorities, and donated 31,300 helmets to 38 elementary schools. Since its launch in 2003, this activity has donated 186,895 helmets to 2,200 elementary schools, with the aim of child safety. Roughly 10,000 people participated in this year's event, with a record high number of helmets donated.



## **Community Issues**

Introducing examples of activities that contribute to solutions for community issues

## **Community Issues**



Hurricane relief at Yamaha Motor USA

In the spirit and passion of One Yamaha, Yamaha Motor USA collected and delivered various items as emergency relief and support to people affected by Hurricane Harvey, which struck the state of Texas in August 2017. The company donated aluminum boats and marine engines that were used to rescue people stranded on their rooftops, and asked dealers in the region to provide Yamaha watercraft to assist with search and rescue operations. Generators and all water pumps in inventory were also sent to dealers in the region. Moreover, arrangements were made to donate high-pressure washers and additional pumps to areas requiring assistance. Two truckloads of food and sanitary goods were also delivered to people in need.



> Sustainable Development Goals (SDGs)

## **Employee Volunteer Activities**

Introducing examples of employee volunteer activities in the communities

## **Employee Volunteer Activities**

In addition to the social contribution initiatives that the Yamaha Motor Group conducts through its business activities, the Group also supports employee volunteer activities using a system that provides information via the Company intranet. Examples of creating an environment that facilitates employee involvement include notifying and recruiting employees for volunteer activities via the Company intranet, and providing volunteers with caps and uniforms. Some specific initiatives from Japan are discussed below.

Conveying the Joy of Monozukuri (engineering, manufacturing and marketing)

The Fun Engine Laboratory is a volunteer organization that was established 15 years ago by current and former Yamaha Motor employees. These volunteers pass on the dreams and joy of machines and *Monozukuri* by giving children the opportunity to experience and play with actual machinery.

During 2016, the Group conveyed the joy of *Monozukuri* to 565 children at 16 events held throughout six locations including our home base of Iwata City and the cities of Hamamatsu and Sendai, based on themes such as "how to assemble/disassemble an engine," "making a wind car," and "electrically powered vehicles."



- > The Community
- > Social Contribution Activities
- > Employee Volunteer Activities

## **Amounts Used in Social Contribution Activities**

Disclosing the amounts used in social contribution activities

### (Yamaha Motor; Unit: million yen)

	2015	2016	2017
Total	397	307	355
Charitable donations	237	184	221
Employee volunteer activities	134	99	99
Provision of goods	4	6	8

- > The Community
- > Social Contribution Activities
- > Employee Volunteer Activities

## **The Environment**

Introducing the approach and policies concerning the global environment



| Yamaha Motor Group Environmental Plan 2050 | Servironmental Plan 2050 | Preserving Biodiversity and Sustainable Use | Servironmental Plan 2050 | Servironmental Plan 2050 | Servironmental Plan 2050 | Servironmental Plan 2050 | Environmental Management | Servironmental Plan 2050 | Servironm

## Yamaha Motor Group Environmental Plan 2050

Introducing information concerning Yamaha Motor Group Environmental Plan 2050

### **Environmental Plan 2050**

Yamaha Motor Co., Ltd. announced the "Yamaha Motor Group Environmental Plan 2050" in December, 2018. This Plan aims to reduce " $CO_2$  emissions during product use," " $CO_2$  emissions during manufacturing and transport" and "the volume of resources usage" by 50% from the base year 2010 by the target year 2050. At the same time, the Plan also involves taking initiatives regarding environmental preservation and biodiversity from a global perspective.



Overview of this Plan

#### Yamaha Motor Group Environmental Plan 2050

Action Themes	2050 Targets	Priority Actions
Low Carbon	50% reduction of "CO <sub>2</sub> emissions	1. Reduction of CO <sub>2</sub> emissions from use of products by users
Society	from products"	2. Development, promotion and spread of next-generation mobility
	50% reduction of "CO <sub>2</sub> emissions throughout life-cycle"	3. Reduction of CO <sub>2</sub> emissions generated in operation of productions
		4. Reduction of CO <sub>2</sub> emissions in logistics
Recycling Society	50% reduction of "resource use"	5. Reduction of new resources use by recyclable resources use
		6. Reduction of waste generated in operation of production
		7. Reduction* of water consumption in operation of production
		8. Reduction of packing materials in logistics
Society in harmony with	Addressing environmental preservation and biodiversity	9. Activities to protect fields of product use by users (land, sea and air)
nature	globally	10. Activities to protect ecosystems of land/ocean
		11. Activities to contribute to solving environmental issues of each country and region

<sup>\*</sup> The reduction target of water consumption is set according to water risk in each area.

As the population increases due to the economic growth in mainly African and Asian countries, the world population is predicted to exceed 9 billion people by 2050. This will be accompanied by an increase in the consumption of primary energy and the demand for mineral resources will expand. Therefore, the studies say that all underground mineral resources will be mined by the time 2050 comes around. In addition to this, as the issue of global warming will steadily become more serious, CO<sub>2</sub> reduction targets such as "Reductions by 50-80% by 2050 (on 2010 levels)" and the "Zero or minus by 2100," in accordance with the "2°C scenario" that suppresses the temperature rise from before the industrial revolution to less than 2°C, is now commonly recognized in the international community as part of this movement as well.

Mobility with Extremely Low CO<sub>2</sub> Emissions

The world  $CO_2$  emissions in 2016 were 32.3 billion tons. Of this amount, motorcycles accounted for 0.3% of the total as a source of emissions and are therefore considered vehicles with an extremely low environmental impact.

#### World CO<sub>2</sub> emissions from fuel combustion by sector Source: IEA CO<sub>2</sub> Emissions from Fuel Combustion 2018 Highlights. Motorcycles Commercial 0.3% 4% Residential 6% Four wheelers 17.7% 2016 Electricity and heat production 32.3 billion 42% tonnes of CO. vessel, railwa 6% Manuf.industries and 5% 19%

In addition, motorcycles are seen as the fastest and most fuel-efficient option as a means of mobility for urban transportation, and the impact of CO<sub>2</sub> emissions on a 1km movement per passenger is about 1/3 compared to that of automobiles.

#### Impact of CO<sub>2</sub> emissions on a 1km movement per passenger in urban driving

(Figures based on company's survey)



Source : JAMA [2010 Passenger car JC 08 Average fuel consumption] JAMA [Comparison of average speed of vehicles in cities ] EEA [Average number of passengers] NILIM [Running speed and  ${\rm CO_2}$  emission intensity]

Motorcycles are an environmentally-friendly and sustainable mobility option with product life-cycle  $CO_2$  emissions from resource mining to disposal at 1/26th of passenger cars, and 1/40th in resource usage.

## Comparison of CO<sub>2</sub> emission in product life-cycles (Figures based on company's survey)

(rigures based on company's survey



Yamaha Motor Products—Contributing to the realization of a sustainable society

The product group based on motorcycles provided by the Company is characterized as "lightweight & compact," this class not only has a small environmental impact in resource use in the manufacturing stage, but also in mobility at the usage stage with motorcycles providing easy and smooth transportation for most small distance travel.

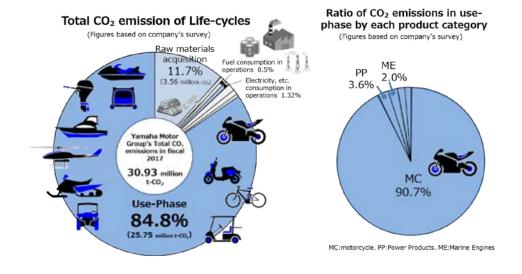
Especially in emerging countries, compact and inexpensive motorcycles for mobility will help satisfy the transport demands of goods and services, help people's living areas expand, and increase the choices of occupation and educational opportunities available. Moreover, motorcycles do not need large-scale infrastructure maintenance, and do not cause serious damage to the environment.

Also, since launching the world's first electrically-powered assisted bicycle—the PAS—in 1993, we have promoted and taken measures for electrification in a diversified range of products such as scooters, golf cars, wheelchairs, and industrial unmanned helicopters, etc.

Going forward, we will continue to contribute to the realization of more sustainable societies by providing richer life opportunities to people through our products.

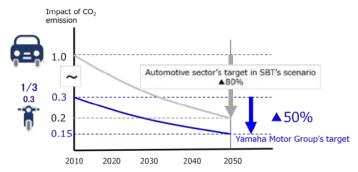
## Target Setting Concepts

The Yamaha Motor Group's actual product life-cycle CO<sub>2</sub> emissions for all businesses in fiscal 2017 was 30.39 million tons. By category, "Use-Phase" was the largest at 84.8%—motorcycles account for 90% of this by product.



The "Yamaha Motor Group Environmental Plan 2050" established targets based on the concept of the SBTi (Science Based Targets initiative) as a company actively contributing to the CO<sub>2</sub> reduction target in the "2°C scenario." Utilizing the characteristics of personal mobility, the Company has set this as a reduction scenario that exceeds the goals that are required by the automobile sector.

#### Yamaha Motor Group's total CO<sub>2</sub> Emission Target



In terms of target settings, Yamaha Motor will continue to work—not only to reduce CO<sub>2</sub> emissions of products—but also throughout the entire product life-cycle including all production activities and in resource use.

Note: Our progress of "Environmental Plan 2020"

The "Yamaha Motor Group Environmental Plan 2020" established in 2009 has four categories of "Eco Products," "Eco Operations," "Eco Management" and "Eco Mindset."

As of December 2017, our progress on the "Environmental Plan 2020" is as follows:

- We reduced CO<sub>2</sub> emissions per unit sales by 33%, against the set target of 11%, from the base year of 2009.
- We reduced total waste volume reduction by 25%, against the set target of 8%, from the base year of 2012 (YMC only).
   Additionally, qualitative goals, such as "developing the system which collects environmental information from group companies" are almost achieved.

This plan ends in 2018, and starting in 2019, we will shift to the "Yamaha Motor Group Environmental Plan 2050."

## **Initiatives for the Global Environment**

We take into account harmony with the environment in all our business activities

### Initiatives for the Global Environment

Many environmental and resource-related issues which influence the realization of a sustainable society, such as advancing global warming, excessive energy and water consumption, and the loss of biodiversity, are becoming increasingly more serious on a global scale. Against this backdrop, the Paris Agreement, which sets a goal of "holding the increase in the global average temperature to well below 2°C above pre-industrial levels" was adopted at the twenty-first session of the Conference of the Parties to the United Nations Framework Convention on Climate Change (COP 21) held in 2015.

Against this social backdrop, the Yamaha Motor Group considers it important, as a manufacturer, to address environmental considerations through initiatives to prevent global warming, conserve energy, prevent pollution, reduce waste and conserve resources, and also through its core business of personal mobility. This includes the development of compact vehicles with little environmental impact through technological innovation, the spread of Smart Power\* products such as electrically power assisted bicycles and electric motorcycles, the research and development of next-generation power sources, and the implementation of programs that contribute to society by using the human resources, assets, and know-how accumulated through our business.

In addition, initiatives to lessen global warming, reduce energy consumption, use resources effectively, improve efficiency, preserve biodiversity, and reduce our environmental impact are carried out across the entire supply chain, with our position regarding the global environment made known to the entire Group as well as to business partners including suppliers and distributors.

\*Smart Power: New power sources, primarily for electric vehicles, designed to create a new paradigm of mobility

	Yamaha Motor Group Environmental Plan 2020						
	Action Areas	Priority Actions	2020 Targets				
Eco Products	Raise environmental attractiveness through product development from the perspectives of the environment	In the Eco Products area, implement the Frontier 2020 Groupw long-term vision					
F	and customers	Reduce risks from environmentally hazardous substances Implement green procurement	Identify environmentally hazardous substances and support the use of alternatives				
Eco Operations	Environmental preservation through global business activities that aim to minimize environmental impact	Reduce emissions of greenhouse gases	Reduce CO <sub>2</sub> emissions per unit of sales by 1% (annual average)				
		Implement the 3 R's through the 3 E's Reduce water consumption (3 E's: Easy to make, Easy to repair, Easy to disassemble) (3 R's: Reduce, Reuse, Recycle)	Support the effective use and recycling of limited resources				
Eco Management	Environmental management through reinforcement of Group environmental governance systems	Create and operate Groupwide environmental management systems	Link Groupwide operations with local activities				
Eco Mind	Environmental contributions through diverse initiatives that seek to create a sustainable environment	Change attitudes through continuous environmental education	Have all Group employees actively undertake environmental measures with a high awareness of targets				
		Improve sensory environments (odors, noise, etc.) Communicate with local communities Preserve ecosystems	Be trusted and respected as a corporate citizen by local communities				
		Proactively disclose information from an environmental perspective	Well received by the community as an environmentally advanced company				

# 2017 Plans and Performance

Presenting the list of FY2017 environmental activities

Action Areas	Priority	Actions	2017 Plans	2017 Performance
Eco Products	Raise environmental attractiveness through product development from the perspectives of the environment and customers		Develop products to raise environmental attractiveness	Implemented in the medium-term plans of each business unit
Environmental protection through global activities aimed at minimizing	Reduce risks from environmentally hazardous substances Implement green	VOC reduction	Maintain level of VOC emissions per unit of sales to prevent deterioration from FY2010	Continue reduction activities  Amount per unit of sales increased from previous year because of higher portion of resin parts manufactured, which contain large amounts of VOC, but 2.7% reduction achieved vs. FY2010.
environmental impact procurement		Green procurement activities	Adhere to rules regarding prohibited or restricted substances (zero harmful substances in our products)	Continued to maintain green procurement activities  Review Control Standard of Environmentally Hazardous Substances and prepare for implementation
	Reduce emissions of greenhouse gases	CO <sub>2</sub> emissions assessment and reduction	Each Group company to reduce CO <sub>2</sub> emissions by 1% per unit of sales per year	Group companies set a target of 1% reduction in CO <sub>2</sub> emissions intensity per year and worked to reduce greenhouse gases in their overall business activities  CO <sub>2</sub> emissions increased by 3,000 t-CO <sub>2</sub> (0.5%) from 2016, but improved 9.3% per unit of sales year on year (goal achieved)
		Reduction of CO <sub>2</sub> emissions from manufacturing processes	Reduce by 8% per unit of sales compared with 2009	Achieved target with 37% improvement vs. 2009  2009 CO <sub>2</sub> emissions per unit of sales: 2.587  2017 CO <sub>2</sub> emissions per unit of sales: 1.636 (down 37%)
		Reduction of CO <sub>2</sub> emissions from distribution operations	Reduce by 1% (annual average) per unit of sales	Achieved target with 9.7% improvement vs. 2016 2016 CO <sub>2</sub> emissions per unit of sales: 60.6 2017 CO <sub>2</sub> emissions per unit of sales: 54.7 (down 9.7%)
			Reduce by 11% per unit of sales compared with 2006	Not achieved target despite 7.6% improvement vs. 2006  2006 CO <sub>2</sub> emissions per unit of sales: 59.2  2017 CO <sub>2</sub> emissions per unit of sales: 54.7 (down 7.6%)

Action Areas	Priority	Actions	2017 Plans	2017 Performance
	Implement the 3 R's through the 3 E's	Promotion of 3 R's in product development	Reusing/recycling initiatives	Continued initiatives
		Promotion of 3 R's in manufacturing	Keep waste materials for direct/indirect landfill disposal to 0 tons	0 tons (YMC)
			Achieve 100% recycling of waste material in manufacturing processes	100% (YMC)
		Waste materials in manufacturing processes	Achieve super-zero emission	Achieved super-zero emission again (YMC)
		Establishment of recycling system for products in Japan	Voluntary initiatives to maintain a motorcycle recycling system	Proper handling and recycling of motorcycles were implemented through dealerships (Japan only)
		Reduction of parts packaging materials	Making 70% of packaging materials returnable	Goal achieved with 73.2% returnable rate
	Reduce water consumption	Reduce water consumption	Understand actual water consumption status of Group companies	Investigation carried out using global investigation system; amount of water consumption observed.
Eco Management Environmental management through	Create and opera environmental ma systems		Increase number of companies using integrated certification system (target: 3 companies)	Result: 3 companies Provided Group EMS activities to 44 companies using integrated certification system
reinforcement of Group environmental governance systems			Transition to the ISO 14001:2015 standard	The transition to certification under the ISO 14001:2015 standard has been completed at all 44 companies with unified certification.

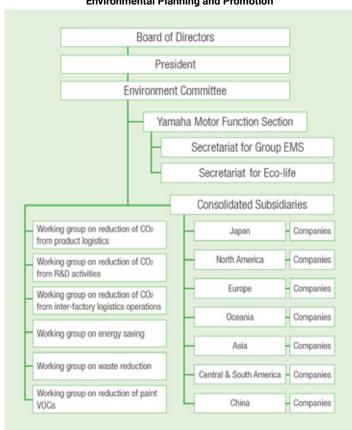
Action Areas	Priority Actions	2017 Plans	2017 Performance
Eco Mind Environmental contributions	Expansion and support of diverse eco-activities	Achieve 67% participation rate in eco-commuting	Participation rate in eco-commuting reached 76.6%
through diverse eco-activities targeting a sustainable		Establish the Eco Point system	Number of persons participated in activities under the Yamaha Eco Point system: 4,936 (system firmly in place)
global environment	Change attitudes through continuous environmental education	Provide environmental education in each segment by stratification	Implemented for new employees, general employees, supervisors and general managers (distribution of environmental information)
	Communication with communities	Continue participation of a cumulative total of 40,000 Yamaha Motor Group people in the 40,000 People's V Campaign	Target not reached in 2017, with participation by 31,289 persons (aim: 78.2%), 100.0% compared with 2016
		Give lectures on corporate environmental initiatives at community events and schools	Gave lectures on corporate environmental initiatives at universities in Shizuoka Prefecture
	Preserve ecosystems	Ongoing holding of various study trips to factories	Gave environmental lessons to local junior high schools students
		Continue environmental preservation activities in concert with local municipalities and other corporations	Participated in tree thinning and tree planting in areas planted by Iwata City; a beach cleanup campaign in Hamamatsu City; a cleanup campaign at Lake Hamana in Kosai City; a cleanup activity at Lake Hamana; tree planting at a seawall in Kakegawa City; and other programs.
		Participate in events intended to improve communication with local communities	Held dialogues with local governments  Participated at environmental events sponsored by local non-profit organizations (communication with non-profit organizations and local residents)
		Loggerhead sea turtle preservation activities  Ecosystem monitoring activities	Participated in loggerhead sea turtle protection activities; conducted monitoring at the Yamaha Motor Kikukawa Test Course to preserve rare plant species including orchids and Penthorum chinense (where the number of Penthorum chinense and Bletilla striata plants is increasing); worked to remove alien plant species at Nakatajima Sand Dunes for protection of the endangered riverside tiger beetle; and continued to carry out reforestation activities in the spring and fall on hilly land that forms the scenery around Lake Hamana.
	Communicating environmental information in relation to products, technologies, and services	Communicate environmental product information	Exhibited environmental products at Communication Plaza
		Promote environmental product information dissemination	Ongoing disclosure on the Company's website regarding environmental information for each motorcycle model and information on 3R designs and motorcycle/FRP recycling systems, etc.

## **Environmental Management**

Introducing information concerning environmental management activities

Organizational Structures for Promoting Environmental Management

The Yamaha Motor Group has established an Environment Committee, chaired by Director, as the central organization responsible for the Group's environmental activities in Japan and overseas. The committee deliberates on policies and visions for the future concerning environmental initiatives, medium- and long-term environmental policies, strategic investment proposals relating to environmental preservation, environmental monitoring topics and responses to issues, and other key issues relating to environmental management. The policies and activities discussed are reported to the Board of Directors as necessary.



The Yamaha Motor Group Organizational Structure for Environmental Planning and Promotion

Strengthening Environmental Governance through Global Environmental ISO 14001 Unified Certification

"Eco management" is an action area in the Yamaha Motor Group Environmental Plan 2020 under the Basic Policies of CSR. Accordingly, the Group has pursued global environmental ISO 14001 unified certification mainly for manufacturing companies in Japan, Asia, Europe, the United States, and South America, and all 44 target companies joined the program in 2017. At the same time, certification was updated to the ISO 14001:2015 standard.

In addition, the Yamaha Motor Group is developing risk-based environmental management, including the introduction of an in-house certification system that makes use of third-party organizations, for companies with relatively low environmental risks.

Our aim is to link these activities, as well as the development of our proprietary information network system, called G-YECOS, to thorough compliance with environmental laws and regulations and improvement in environmental performance. At the same time, we will enhance the efficiency of our management system and further strengthen environmental governance through Group-wide sharing of the issues facing each company.





ISO 14001 certificate award ceremony for YMPH (the Philippines) and activity report session held at Yamaha Motor headquarters

Global Environmental Information Network System (G-YECOS)

The Yamaha Motor Group makes use of its proprietary global environmental information network system (G-YECOS) to promote sharing and visualizing of Group companies' environmental information and to improve communication among Group companies including headquarters. G-YECOS also serves as a tool for appropriate and timely collection and analysis of various types of environmental data for the purpose of disclosure to stakeholders. As expansion of ISO 14001 unified certification has been completed in 2017, coordination of the content and timing of activities at each company will be promoted. Therefore, we will continue to enhance the effectiveness of system utilization.

### Integrated Management System Operation

Yamaha Motor has introduced an integrated management system that integrates environmental and safety management, which has led to improvement and greater efficiency in on-site business processes. In 2017, we worked to make the management system more effective by improving the PDCA cycle including risk and opportunity evaluation processes.

Meanwhile, integrated management system audits use a proprietary system led by internally certified auditors to increase the skills of employees in a systematic manner, taking a process-orientated approach to improve on-site business processes. We have also reinforced governance by setting priority audit items each year and applying them Group-wide.

### Environmental Management Costs

Yamaha Motor discloses quantitative information concerning its environmental preservation measures and calculates environmental costs and the effects of these costs, based on the Environmental Accounting Guidelines of Japan's Ministry of the Environment (2005 edition) and by taking into account the concept of natural capital including the equivalent monetary amount for activities to preserve biodiversity, so that it can conduct more effective environmental management.

Total environmental costs, including capital investment and operating costs, were approximately 34.1 billion yen in 2017, an increase of approximately 4.7% from the previous year.

Broken down by category, the impact of an increase in R&D costs (5.0%) has been significant.

The Company did not incur any environment-related fines or penalties during the fiscal 2017 accounting period. Yamaha Motor continues to strive to comply with environmental laws and regulations.

		Enviro	onmental Cos	<b>is</b>	Econor	mic Effects	
	Category	Capital Investment	Operating Costs	Total	Within FY	Full-Year Equivalent	Details of activities
Business area costs	Pollution prevention costs	22	269	291	1	4	Activities of the working group on compliance with air, water, soil, noise, and other environmental regulations and the reduction of VOCs
	Global environment preservation costs	262	152	414	39	83	Activities of the working group on the prevention of global warming, protection of the ozone layer, and energy conservation
	Resource recycling costs	10	258	268	20	23	Activities of the working group on the appropriate processing of emissions and reduction of waste materials
	Subtotal	294	679	973	60	110	
Upstream/D	ownstream costs	1	12	13	0	0	Promoting recycling and green procurement for motorcycles and FRP boats
Administrati	on costs	3	385	388	1	1	Progress in global environmental ISO 14001 unified certification, promotion of level-specific environmental training, and disclosure of environmental information
R&D costs		1,704	30,993	32,697	0	0	Research and Development for enhancement of environmental performance including CO <sub>2</sub> reductions and 3R planning for reduction of environmental burden
Social activi	ty costs	3	17	20	0	0	Biodiversity initiatives and donations to environmental-related NPOs
Environmental remediation costs		0	9	9	0	0	Measures to counter environmental malfunctions and expenses for the restoration of nature
	Total	2,005	32,095	34,100	61	111	

Unit: Millions of yen. Figures may not add up due to rounding.

- R&D costs: includes some estimates
- Economic effects do not include deemed effects such as risk avoidance and enhancement of corporate image.
- Calculations are on a cash-flow basis and do not include depreciation or reserves.

Environmental Preservation Effects					
Category Within FY Full-Year Equivalent					
Reduced energy (GJ)	161,757	175,659			
Reduced CO <sub>2</sub> (t-CO <sub>2</sub> )	6,926	9,234			
Conserved water (t)	10,000	30,034			
Reduced waste (t)	1,258	1,259			
Reduced VOC (t)	8	8			

- All of the environmental preservation effects are estimated based on environmental conservation costs.
- Reduced energy: effects of reducing electricity, oil, gas, etc., are corrected in the unit of energy
- Effect of reduced CO<sub>2</sub>: effect of reducing energy origin CO<sub>2</sub>

## Reducing CO<sub>2</sub> Emissions

Introducing corporate efforts to reduce CO2 emissions

## CO<sub>2</sub> Emissions at the Yamaha Motor Group

As a manufacturer of motorcycles and other transportation machinery, the Yamaha Motor Group considers the reduction of greenhouse gas\* emissions to be the most critical environmental issue facing the world today and is working on this issue. We are targeting an annual 1% reduction in CO<sub>2</sub> emissions per unit of sales as a common goal for the entire Group, and are working to reduce emissions in all of our business activities including product development and manufacturing.

Since 2013, we have been implementing global energy conservation activities at all of our manufacturing sites including those overseas, with the aim of achieving a balance between economic and environmental considerations ( $CO_2$  emissions reduction). We are also promoting the efficient use of energy by introducing energy conservation expertise accumulated in Japan to Group companies in Japan and overseas.

\*Greenhouse gas: For Yamaha Motor, this is almost entirely CO<sub>2</sub>.

400

200

2012

2013

#### Scopes 1 and 2 Per unit of sales CO: emissions (1,000t-CO:) (From 2012 level) CO: emissions 120 1.200 100% O Per unit of sales 85% 1.000 74% 70% 65% 80 63% 800 0 60 40 600 20

0

2017

-20 -40

CO<sub>2</sub> Emissions at the Yamaha Motor Group

Note: Calculated as total emissions excluding reduction effect from power generation from 2017.

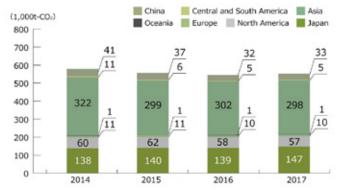
Previous years' data has been recalculated accordingly.

2015

2016

2014

#### CO<sub>2</sub> Emissions by Region at the Yamaha Motor Group Scopes 1 and 2



Scope 1 Greenhouse gases directly emitted by businesses

Scope 2 Greenhouse gases emitted by businesses' use of electricity, heat, and hot water

Notes: Boundary CO<sub>2</sub> emission factors

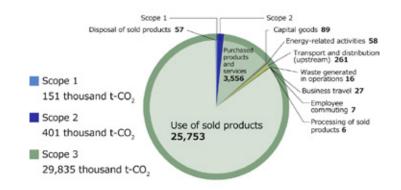
115 companies, comprising Yamaha Motor Co., Ltd. and its manufacturing and non-manufacturing consolidated subsidiaries and affiliated companies Gasoline: 2.32t-CO<sub>2</sub>/kL; Kerosene: 2.49t-CO<sub>2</sub>/kL; Diesel: 2.62t-CO<sub>2</sub>/kl; Bunker A (No. 2) fuel oil: 2.71t-CO<sub>2</sub>/kL; LPG: 3.00t-CO<sub>2</sub>/t; Butane: 3.03t-CO<sub>2</sub>/t; Natural gas (overseas): 1.81t-CO<sub>2</sub>/1,000m<sup>3</sup>; City gas 13A (Japan): 2.03t-CO<sub>2</sub>/1,000m<sup>3</sup>; Coal (China): 1.93t-CO<sub>2</sub>/t; Hot water supplied by third parties: 0.057t-CO<sub>2</sub>/GJ

Electricity (t-Co<sub>2</sub>/1,000kWh): Japan: 0.381; U.S. (California: 0.365; Southeast: 0.708; Ohio Valley: 0.892; Florida: 0.631; ERCT (Texas): 0.639; Tennessee Valley: 0.623); Canada: 0.209; the Netherlands: 0.440; U.K.: 0.467; Italy: 0.455; France: 0.087; Spain: 0.383; Portugal: 0.452; Sweden: 0.051; Germany: 0.453; Turkey: 0.462; Russia: 0.325; India: 0.942; Singapore: 0.526; Taiwan: 0.628; China: 0.851; Brazil: 0.085; Argentina: 0.371; Peru: 0.206; Colombia: 0.121; Mexico: 0.522

The Yamaha Motor Group endeavors to identify greenhouse gas emissions resulting both directly (Scope 1, e.g., from the

burning of fuel at factories) and indirectly (Scope 2, e.g., from electricity use at factories and offices), as well as other emissions (Scope 3) from its corporate activities at the locations in which it operates, and to reduce those amounts.

We will also work to more precisely measure direct and indirect emissions at each location, and to further reduce emissions at each factory and office.



Notes:

Boundary Scopes 1 and 2: 115 companies, comprising Yamaha Motor Co., Ltd. and manufacturing and non-manufacturing consolidated subsidiaries or affiliated

companies

Scope 3: Yamaha Motor Group

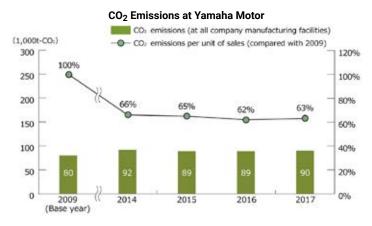
Calculation method Energy usage per vehicle based on average fuel consumption or electricity usage rate vehicle life expectancy by annual unit sales

Emission factors Gasoline: 0.002322t-CO<sub>2</sub>/\$; Electricity: 0.000512t-CO<sub>2</sub>/kWh

Reducing CO<sub>2</sub> Emissions at the Manufacturing Stage

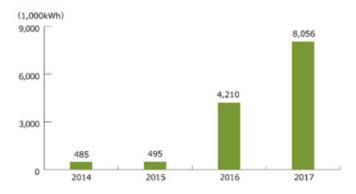
Though Yamaha Motor's initial target for fiscal 2017 was an 8% reduction in CO<sub>2</sub> emissions per unit of sales compared with fiscal 2009, the Company was able to reduce emissions by 37%, thereby achieving the target. However, CO<sub>2</sub> emissions per unit of sales increased 1% year on year due to the introduction of large-scale equipment and other factors.

New energy sources such as solar power and natural gas cogeneration accounted for 13 thousand MWh (5% of total electric power consumption). We are committed to continuing the introduction of energy-saving devices and improving our operational management system.



Note: Calculated as total emissions excluding reduction effect from power generation from 2017. Previous years' data has been recalculated accordingly.

#### Renewable Energy Usage at the Yamaha Motor Group



#### Power Generation System Using Solar and Wind Power at Factories

The Yamaha Motor Group is installing power generation systems that use solar and wind power. Following the installation of a solar power generation system at the Iwata Main Factory in 2004, these systems have been successively installed elsewhere and the use of renewable energy is expanding. Installations continue at overseas locations as well, and in 2017, the solar power generation system in Delhi, India was increased from 4.0 MW to 6.2 MW.

The amount of power generated in 2017 totaled 8,056 MWh (equivalent to a reduction of roughly 7,302 t-CO<sub>2</sub>), and was used for various factory operations and office lighting and air conditioning.



Solar power - 1,000 kw (IYM-CHE, India)

#### Taking Our Know-How Accumulated in Japan Worldwide

In 2017, the Yamaha Motor Group continued to pursue activities aimed at further reducing  $CO_2$  emissions. The main initiative has been the rollout of the Global Utility Cost Reduction Project (GUTS) since 2013, for energy conservation at Group companies in Japan and overseas.

This project builds on the energy conservation expertise accumulated in Japan by sharing this know-how with overseas Group companies and working together to reduce  $CO_2$  emissions across the Group.

Initiatives during the year included consolidation of compressor pipes, automated shutdown of electrical machinery when not needed, application of heat-blocking coating of furnaces, a shift to hydraulic servomotors, and introduction of precision air conditioners that recover exhaust heat. These led to lowering of  $CO_2$  emissions per unit of sales (37% below the 2012 level, the year prior to the start of the project) and reductions in  $CO_2$  emissions (13% below 2012).

Since launching this project, Yamaha Motor's energy efficiency technicians have visited a total of 30 locations in 13 countries, in which Yamaha Motor Group companies operate, including those in Japan, and the project has been expanded to cover 98% of Group-wide CO<sub>2</sub> emissions with the aim of reducing energy loss.

Since launching this project, Yamaha Motor's energy efficiency technicians have visited a total of 30 locations in 13 countries, in which Yamaha Motor Group companies operate, including those in Japan, and the project has been expanded to cover 98% of Groupwide  $CO_2$  emissions with the aim of reducing energy loss.

Going forward, we will continue pursuing activities aimed at further reducing emission volumes at each factory and office in order to lower overall CO<sub>2</sub> emissions.



Providing instruction in use of measuring devices at TBI (Indonesia)



Group photo of energy conservation team at IYM (India)

Reducing CO<sub>2</sub> Emissions at the Distribution Stage

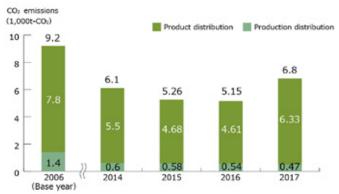
Yamaha Motor has established the goal of "improving transportation efficiency by 1% a year (compared with 2006)" for all divisions. Yamaha Motor's basic approach is to implement measures beginning with those that will have the greatest CO<sub>2</sub>-limiting impact while balancing the energy conservation benefit with cost benefit. Yamaha Motor has also established a working group that centrally promotes CO<sub>2</sub> emission reductions in distribution.

Distribution has improved with the realignment of the manufacturing layout completed in 2016, reducing the transportation of goods in terms of both volume and distance, and thereby lowering total distribution-related CO<sub>2</sub> emissions by 2.1%.

In 2017, distribution-related CO<sub>2</sub> emissions per unit of sales were reduced by 9.7% year on year, owing to efforts including improving the load factor, consolidated transportation, and increasing transportation efficiency.

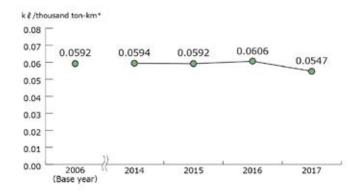
We will continue working to improve transportation efficiency going forward.

#### CO<sub>2</sub> Emissions in Distribution at Yamaha Motor



Note: Differences with figures in the text are due to rounding.

#### **Transport Efficiency at Yamaha Motor**



\*Unit volume calculated by converting the fuel energy necessary to move 1 ton of freight 1 km into crude oil

"Packaging solution for Yamaha outboard motor repair parts" received a WorldStar award at the WorldStar Competition 2017, held by the World Packaging Organization. The award was given for improvements made to increase the stability of the product and to reduce operational and material costs.

Compared with the conventional packing method in which materials were bonded, this packaging simplifies materials by fixing the center of gravity and sharp shape at one point. It also uses paper tubes made of scrap wood as the material to bear the load. This has reduced operational and material costs by 10%, and made it easier to package and dispose of the packaging, while contributing to reduced material weight and lower CO<sub>2</sub> emissions.







### Products that Address Climate Change

Countermeasures against the effects of global warming are one of the most important ways to address climate change, including both reducing the effects of climate change and preparing for the risks associated with climate change. The Yamaha Motor Group is addressing climate change through its wide-ranging business activities and is also creating products that address climate change.

#### Next-generation, high-performance compact engine: BLUE CORE

Yamaha Motor developed the BLUE CORE high-performance compact engine as a higher-dimension embodiment of both the joy of riding, with an emphasis on fuel efficiency and environmental performance. The engine was first included in the Nozza Grande, a scooter targeting women that was released in Vietnam in 2014. BLUE CORE is an environmentally-friendly platform engine that makes further advances in highly efficient combustion, higher cooling performance, and power loss reduction, with high-dimension tuning in line with the model's special features also possible. We are currently developing a range of variations of this technology, which is particularly popular in the ASEAN region and delivers vastly superior environmental performance compared with previous engines.



BLUE CORE engine-equipped 125cc LEXi-S (Indonesia specifications)

#### Clean Water Supply System provides reliably safe water

Increased flooding caused by climate change is leading to higher pollution of water resources. Drinking contaminated water harms the health of the people in a community, impeding social and economic development. The Yamaha Clean Water Supply System uses natural sand, gravel, and the photosynthesis of algae in a "slow sand filtration" system to purify water, providing a safe, stable supply of potable water to areas where it is difficult to obtain.



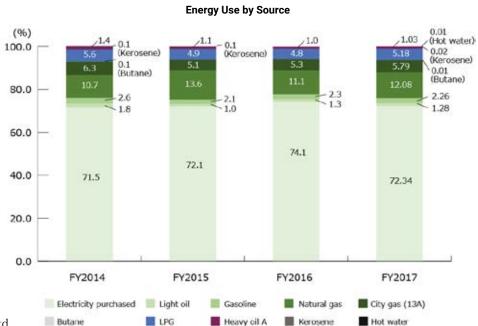
Yamaha Clean Water Supply System produces drinking water from surface run off

#### Addressing flooded roads resulting from climate change

Increased rainfall caused by climate change significantly impairs the driving performance of cars and motorcycles, especially in the ASEAN region where infrastructure is weak. Yamaha Motor is addressing flooded roads by introducing motorcycles with the air cleaner placed at a higher position than in ordinary models.

#### Yamaha Motor Group CO<sub>2</sub> Emissions Data

In 2017, the Yamaha Motor Group's total energy consumption was 9.88 million GJ, of which electricity accounted for 72%, or 7.15 million GJ. Around 85% of the Group's energy consumption was in Asia, including Japan. Seeking to reduce our electricity consumption, we are working in a deliberate manner on various initiatives. These include implementation of status analysis and reduction activities through the introduction of equipment that visualizes electricity usage, installation of power-saving equipment in factories, and adoption of LED lighting at offices.



### By Area (FY2017)

	Japan	North America	Europe	Oceania	Asia	Central and South America	China	Total Emissions
Manufacturing	144,776	51,341	6,283	0	296,545	5,026	31,446	535,416
Non- manufacturing	2,412	5,824	4,133	1,292	1,889	17	1,578	17,145
Total	147,187	57,164	10,416	1,292	298,434	5,043	33,024	552,561
%	27%	10%	2%	0%	54%	1%	6%	100%

(Unit: t-CO<sub>2</sub>)

Note: Totals may not add up due to rounding.

Top 10 Countries (FY2017)

Rank	Country	CO <sub>2</sub> Emissions	%
1	Japan	147,187	26.6%
2	Indonesia	132,570	24.0%
3	India	57,709	10.4%
4	USA	56,157	10.2%
5	Thailand	36,754	6.7%
6	Vietnam	34,575	6.3%
7	China	33,024	6.0%
8	Taiwan	28,862	5.2%
9	Malaysia	5,730	1.0%
10	France	4,400	0.8%

(Unit: t-CO<sub>2</sub>)

Note: Totals may not add up due to rounding.

## **Reducing Environmentally Hazardous Substances**

Introducing corporate efforts to reduce use of environmentally hazardous substances

## Reducing Environmentally Hazardous Substances



Reducing PRTR\*1 Substances

In accordance with various countries' regulations, the Yamaha Motor Group tracks and reports the content of chemical substances that may be harmful to human health or the environment in the waste materials it generates or discharges. More than 99% of the PRTR substances released by Yamaha Motor are VOCs\*2, most of which are generated in painting processes.

In 2013, we upgraded the painting booth at our main Iwata Factory, which now uses low-VOC paints. The new engine parts line set up in 2015 uses a smaller volume of painting materials as it has adopted a robotic painting booth that features the latest airflow control system. At other factories, as well, we are reducing VOC emissions through optimization of the paint robot system and other means.

We plan to continue reducing VOC volumes by promoting expanded use of low-VOC paints, improving coating efficiency, and reducing paint volumes.

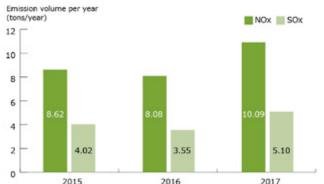
#### Average of VOC emissions per Average of VOC emissions per unit area Total volume unit area (unit: g/m) Total volume 300 120 110 105 106 107 107 80 200 40 100 0 2010 2014 2015 2016 2017 (Base year)

Trends in VOC Release at Yamaha Motor

Managing Environmentally Hazardous Substances at the Manufacturing Stage

Yamaha Motor manages environmentally hazardous substances emitted from its factories in accordance with relevant laws and regulations, and is working to reduce its emissions of these substances by adjusting conditions for the operation of equipment to curtail the creation of nitrogen oxides, improving heat efficiency to reduce fuel consumption, and switching to low-nitrogen and low-sulfur fuels.

Annual NOx and SOx Emission Volumes at Yamaha Motor (Iwata Main Factory)



<sup>\*1</sup> PRTR: Pollutant Release and Transfer Register

<sup>\*2</sup> VOCs: Volatile Organic Compounds

As countries have increasingly regulated the use of environmentally hazardous substances over recent years, the number of regulated substances has increased. The Yamaha Motor Group is responding by steadily developing environmental management activities at factories overseas as well as in Japan.

For example, we handle some of the products that fall under the scope of the revised RoHS Directive\* regulating the use of certain substances in electrical and electronic equipment in Europe; therefore, we are preparing to comply with the Directive before the revised restrictions come into force on July 22, 2019.

Furthermore, in the United States, in response to the revision of warning label rules under Proposition 65 in California, we are switching to warning labels based on the new rules by August 30, 2018 concerning chemical substances contained in products marketed in California.

Going forward, we will work to share information from across the entire supply chain, while systematically reducing the use of environmentally hazardous substances and pursuing alternatives.

\* Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast)

## Reducing, Reusing, and Recycling

Introducing measures for recycling and limiting the use of natural resources

## Reducing, Reusing, and Recycling

The 3R concept (Reduce, Reuse, Recycle) is becoming ever more important in all phases of product life cycles, from development and production to use and final disposal, in order to create a recycling-oriented society. The Yamaha Motor Group set "promoting recycling and the effective use of limited resources" as a goal and has undertaken various initiatives to meet it.

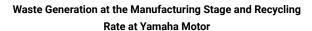
We are adopting various approaches to conserve natural resources and enhance recycling efficiency. In addition to actively utilizing recyclable materials, we are reducing the number of parts and making them smaller by pursuing optimal size. We also use LED technologies to lengthen product life while adopting designs that facilitate dismantling and improving the recyclability of parts. Our aim is to improve the applicability of the 3R concept to our products.

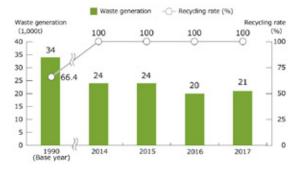
Measures to Reduce Waste and Conserve Resources at the Manufacturing Stage

In 2017, Yamaha Motor generated a total of 20.8 thousand tons of waste\*1. We separate metal, plastic, foundry sand, and other waste for reuse and recycling as raw materials. We also subject oil and some plastics to a thermal recycling process to create materials that can be used as combustion improvers. In addition, we use post-combustion residue as a raw material in cement and roadbeds. As a result, we have maintained our direct and indirect landfill record of "zero tons" (a 100% recycling rate).

The Yamaha Motor Group began tracking its volume of waste from 2016. Group Companies in Japan and overseas have been working to reduce their volumes of waste by thoroughly separating waste, introducing returnable packaging materials, and using longer-lasting cutting fluids and oils. The Yamaha Motor Group's waste material volume (aggregate for 46 companies) in 2017 was 29 thousand tons.

Yamaha Motor Group's aggregate volume of materials discharged (including both waste and materials with value).





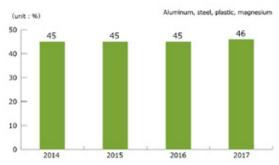
<sup>\*</sup> Emission volume includes hazardous waste. 2014: 177 tons 2015: 566 tons 2016: 290 tons 2017: 277 tons

Hazardous waste:

Industrial waste materials that are explosive, poisonous, infectious, or otherwise harmful or potentially harmful to human health or the environment

## Percentage of Recycled Materials Procured by Yamaha

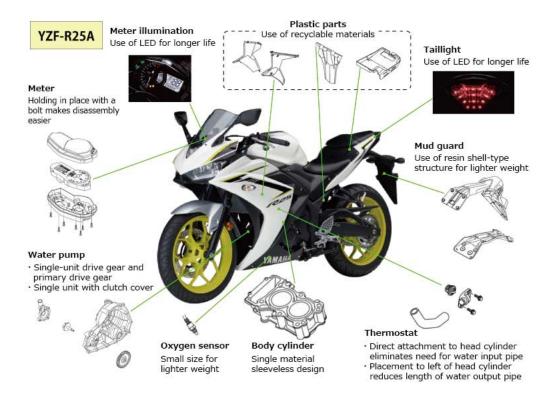




## 3R Designs and Product Recycling

The Yamaha Motor Group is actively adopting designs based on the 3R concept (Reduce, Reuse, Recycle) for various products. In Japan, we are continuing operation of the Motorcycle Recycling System in cooperation with other industry firms to facilitate appropriate processing of end-of-life motorcycles by dealers.

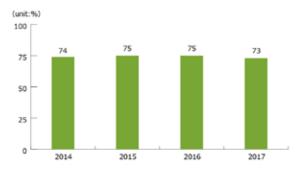
## Example of 3R Design



Yamaha Motor's Spare Parts Section is working to save energy and resources through various 3R initiatives. These include "reducing" by improving the filling rate with respect to packaging for spare parts sent overseas, "recycling" through the introduction of dedicated returnable packaging, such as plastic pallets and buckets, for spare parts sent overseas, and "reusing" by increasing the number of overseas shipping destinations that use returnable materials.

Thanks to these initiatives, in 2017 we achieved a 73.2% returnable rate (percentage of total shipping cases sent overseas that use returnable materials), compared with our target of 70% or higher.

# Percentage of Returnable Parts Containers for Overseas Shipment at Yamaha Motor







Returnable pallet body

Returnable bucket body

#### Returnable Pallets/Buckets Used in 2017

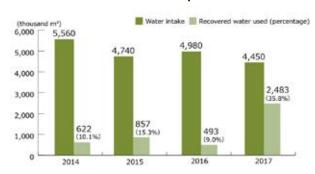
Delivered to	Number of Returnable Pallets	Number of Returnable Buckets
Europe	2,167	52,303
North America	4,010	107,048
Oceania	161	5,393
Asia	439	26,881
Total	6,777	191,625

The Yamaha Motor Group is working to reduce consumption of water.

In accordance with our 2020 goal of "promoting recycling and the effective use of limited resources," we continue to strive to measure our global use of water and reduce consumption Groupwide through programs including the reuse of coolant water and water collection (rainwater and other sources) at factories, the reuse of water using reverse osmosis (RO) membranes, posters to remind employees to conserve water, and the installation of water-saving packing in faucets.

In 2017, Yamaha Motor's water intake volume was 1,170 thousand m<sup>3</sup> and waste water volume was 1,220 thousand m<sup>3</sup>.

### Water Intake and Recovered Water Used at the Yamaha Motor Group



Note: The increase in the volume of recovered water used in 2017 includes the effect of new sites able to measure recovered water. Boundary: 99 companies, comprising Yamaha Motor Co., Ltd. and its manufacturing and non-manufacturing consolidated subsidiaries and affiliated companies. (The boundary for affiliated companies changed from 2017.)

#### Breakdown of Water Intake at the Yamaha Motor Group

	2014	2015	2016	2017
Underground water	243.3	198.7	177.2	222.1
Industrial water	235.1	225.3	179.8	148.7
Tap water	67.0	39.1	131.7	57.5
Other fresh water	10.2	11.4	8.5	16.7

Note: Breakdown includes estimated figures.

## **Preserving Biodiversity and Sustainable Use**

Introducing the Outline of Yamaha Motor Group's Main Biodiversity Initiatives

## Outline of Yamaha Motor's Main Biodiversity Initiatives

### Background

We recognize the importance of preserving biodiversity and other issues related to sustainability, and also that addressing these issues can lead to opportunities for growth.

Yamaha Motor has always attempted to harmonize all of its corporate activities with the global environment, through initiatives including technological innovation in smaller, more environmentally friendly engines, the creation of products such as electrically power assisted bicycles and electric motorcycles that use smart power technologies, and research and development of next-generation power sources.

We have therefore formulated the "Outline of Yamaha Motor's Main Biodiversity Initiatives" to build on these programs as we address biodiversity.

### Concept

We will address biodiversity independently, systematically and continuously, based on our corporate philosophy, the Yamaha Motor Group Basic CSR Policy, and the Environmental Plan 2020, from the perspectives of "diversity of ecosystems, biological species, and genes," "activities that supplement the benefits of nature," and "minimizing the impact created." Declaration

Contribute with intellectual technologies that respect the earth



Make strides in environmental communication and information disclosure





Contribute with intellectual technologies that respect the earth

.....

We are deeply aware of the significant benefits of nature on our product fields, and aim to use technology to preserve biodiversity. Pursue activities that are in harmony with the earth's environment

We will continue to systematically address biodiversity by cultivating an ecological mindset and taking greater initiative.

Where biodiversity is threatened, we will promote activities at a global level that protect and foster nature in harmony with the earth's environment.

Make strides in environmental communication and information disclosure

We will cooperate and work together with broad segments of society in our activities to address biodiversity, and strive to disclose information as appropriate.

## **Biodiversity Initiatives**

We are continuously implementing systematic activities in line with the Outline of Yamaha Motor's Main Biodiversity Initiatives, based on voluntary participation of employees.

We have been engaged in beach cleanup campaigns since the early 1990s on coasts in Japan and abroad to protect our beautiful and abundant seas. We are carrying on these activities and cultivating an ecological mindset. Some of our specific biodiversity initiatives are introduced below, including efforts to protect the habitats of creatures in danger of extinction.

### **Protecting the Endangered Loggerhead Sea Turtle**

Every year, females of the endangered loggerhead turtle species come to Enshunada Coast, a natural site popular with locals, to lay their eggs.

We have been conducting beach cleanup campaigns at the coast in cooperation with Sanctuary N.P.O. for 27 years starting in 1991. A cumulative total of 12,600 volunteers have participated in these activities, including employees, their families, and friends.



Organizing "Sustainable Beach" Project

We organize cleanup activities to protect the endangered loggerhead sea turtle by collecting garbage that could be an obstacle to egg-laying, scraps of vinyl that could be eaten by mistake, empty plastic bottles or cans, and other litter. We also put down sand-filled cloth bags to prevent sand from blowing away, in order to restore the sandy soil of the beach itself that is essential for laying eggs.



Enshunada beach cleanup campaign



Even the smallest scraps of vinyl are picked up







Filling cloth bags with sand

> Sustainable Development Goals (SDGs)

Participating in the 28th Loggerhead Turtle Cleanup Campaign

Employees, their families, and friends continue to participate every year in cleanup activities organized by Hamamatsu City to protect the loggerhead turtle at the Nakatajima Sand Dunes.







**Cleaning Loggerhead Turtle Beach** 

### **Protecting the Endangered Riverside Tiger Beetle**

The riverside tiger beetle is an endangered species that was driven from its riverside home by construction of levees and has managed to survive in the Nakatajima Sand Dunes. Since 2015, we have continued to carry out activities twice a year to protect the beetle's habitat through the removal of alien plant species\* in collaboration with the Coastal Control Division of Shizuoka Prefectural Government.

\* Alien plant species: Diodia teres, Oenothera laciniata, Lolium perenne, Conyza canadensis

Implementation of Campaign to Remove Alien Plant Species

We carry out campaigns to remove alien plant species with volunteers, focusing on *Oenothera laciniata* in May and *Diodia teres* in September, when each species can be most effectively weeded out.



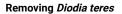
Removing Oenothera laciniata



Before seeds appear, the plants are pulled for greater effect

© Yamaha Motor Co., Ltd. greater effect 67







Participants removed a total of 203 kg of plants

> Sustainable Development Goals (SDGs)

## **Protecting Nature Around Us**

Lake Hamana is one of Shizuoka Prefecture's cherished natural sites. In order to protect the lake's nature, shore-cleaning activities are carried out twice a year, mainly by employees from Marine Business Operations.

Organized Marine Cleanup Activities at Lake Hamana

Employees from Marine Business Operations carry out cleanup activities twice a year using products such as personal watercraft and boats to collect trash that has washed onto shore, even in areas that cannot be reached by land.



Volunteers collect trash via personal watercraft



**Activities in Matsumigaura** 



Wearing lifejackets and ready to board



Trash is relayed across the water

Okinawa Prefecture is said to be home to more than approximately 360 species of coral. However, there are also reports that coral has been diminishing rapidly in recent years both in variety and in number. Alarmed by this situation, a local group launched "Team Tyura Sango," a public-private joint project to restore the coral reefs.

Yamaha Motor has supported this project since 2007 through measures including volunteer participation in coral planting and financial assistance.



Volunteers planting coral

> Sustainable Development Goals (SDGs)

### **Protecting Rare Species at Test Courses**

In order to minimize the impact of our test courses on the natural surroundings, we carry out ongoing initiatives to offset the effect of the courses on the areas around them.

Protecting Rare Plant Species at the Yamaha Motor Kikukawa Test Course

Yamaha Motor is maintaining wildlife diversity and preserving the environment through measures such as protecting areas of existing vegetation and planting trees around the perimeter of the Kikukawa Test Course in Shizuoka Prefecture. In 2008, before the start of construction, the Company conducted a one-year environmental assessment of the site and surrounding area. When the course commenced operations in 2013, we simultaneously began initiatives to preserve rare plant species. Initially, the number of plants declined, but as a result of monthly activities, the number of certain species of plants (*Bletilla striata* and *Penthorum chinense*) recovered to an increase in 2016, the third year of the project. We are still protecting the endangered species and near threatened species *Cymbidium lancifolium*, *Cephalanthera falcata*, *Bletilla striata*, *Calanthe discolor*, and *Penthorum chinense* through monthly monitoring by employees and with the cooperation of specialists.



A cluster of Penthorum chinense



Bletilla striata in a lush valley



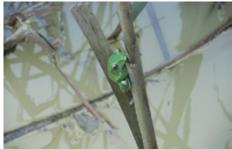




Cephalanthera falcata on a ridge (Pink biodegradable tape is used for marking)

Holding Nature Conservation Activities at Various Locations at Our Facilities





The egg-laying of the endangered forest green tree frog is monitored each year at Trail Land Hamakita.





We apply insecticides and plant insect-resistant black pines as measures to combat the pine weevil in the black pines that form a windbreak forest at the Hamaoka Test Course.





We created a pamphlet introducing the seven species of acorn native to the area around the Fukuroi Test Course and distributed it to employees.

## **Activities that Supplement the Benefits of Nature**

We pursue activities to understand and supplement the benefits of nature by carrying out reforestation to supplement the natural beauty of the hilly land that forms part of the scenery of Lake Hamana and participating in Iwata City's groundwater recharge project.

#### Reforestation

We aim to create a beautiful bamboo forest in a bamboo grove that has been neglected and become overgrown on hilly land next to the Yamaha Marina Hamana-ko facing the lake. At the same time, we have been carrying out reforestation activities every spring and fall since 2015 to keep the bamboo from invading the broadleaf forest.





Accumulated bamboo

Thinning moso bamboo

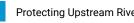


Setting up birdhouses

Building a bench with thinned bamboo

Participating in Iwata City's Groundwater Recharge Project

We carry out Japanese cypress planting and tree thinning in the forest in Iwata City's northernmost area, a rich source of water. (The area is a "property ward," a special public body in Japan.)



Protecting Upstream River Areas in National Parks

Group companies in Thailand are pursuing activities aimed at maintaining a balanced ecosystem and mitigating the impact of disasters (measures to prevent flooding by creating erosion-prevention dams) in coordination with the environmental activities of the United Nations.





## **Environmental Management**

Introducing measures aimed at promoting environmental awareness and activities

### **Environmental Communication**

In order to help achieve sustainable growth for local communities and coexistence with the harmony environment while providing our products and services, the Yamaha Motor Group believes that it is important to promote environmental protection activities and to strengthen cooperation with all of our stakeholders through obtaining their understanding and participation. We also believe that clearly communicating to the world our approach to environmental preservation is one of our corporate social responsibilities.

Under the Yamaha Motor Group Environmental Plan 2020, Yamaha Motor aims to "be trusted and respected as a corporate citizen by local communities." In response to requests from outside parties, we are working to enhance our communication with all stakeholders through seminars explaining our environmental activities (eco-commuting, baby turtle observation tour, sustainable beach campaign) and the dissemination of information via our environmental report and other sustainability reports.

Yamaha Motor has promoted eco-commuting initiatives since 2004. It now has 11 sites registered under the Excellent Eco-Commuting Business Site Accreditation System of Japan's Ministry of Land, Infrastructure, Transport and Tourism (MLIT). The Company's ongoing efforts were recognized by the Ministry, receiving an MLIT award for environmental protection excellence in the transport industry in December 2013. The 12 sites continue to be registered under this system.



Registered under the Excellent Eco-Commuting Business Site Accreditation System since 2009



Participants in eco-commuting campaign



Volunteer neighborhood cleanup in Iwata City

Introduced Yamaha Eco Point System

In January 2008, the Group introduced its Yamaha Eco Point System in support of the Yamaha Motor Group Environmental Plan 2020 goal of having "every Group member strongly motivated to proactively participate in environmental programs." This system established an index that assigns points to environmental activities and allows members to select eco prizes according to the number of activities conducted and the number of points earned in one year. In 2017, participation in this program reached 4,936 persons (the number of persons who participated in activities included in the system).

Yamaha Motor uses its corporate intranet to report in a timely manner on the status of eco-commuting and employee volunteerism and to disseminate information on cleanup programs for beaches and areas in the vicinity of Company facilities as well as environmental communication with local communities and the public. These efforts serve to raise employee awareness concerning the environment and to encourage participation.



**Ecology network** 

2016 environmental activity schedule

## Greening of the Fukuroi Factory

Yamaha Motor's Fukuroi Factory received the Minister of Economy, Trade and Industry Award, the highest honor among the Excellent Greening Factory commendations presented by the Ministry of Economy, Trade and Industry to companies that have made remarkable achievements in improving the environment both inside and outside their factories.

The Fukuroi Factory was recognized for its systematic efforts to promote greening, such as maintaining 42% of its grounds as green space, of which 60% has been left as natural forest. We will continue to promote further greening and local contribution activities with the aim of becoming a factory that is a model for the local community.



**Fukuroi Factory** 

Yamaha Motor continues to hold a regular event, displaying the installation of a "green curtain" made of bitter melon vines at its Nakaze Factory as a global warming countermeasure. The curtain reduces the outside temperature by 5–6 degrees, which helps conserve electricity.

These harvested goya (bitter melon) and passion fruit were distributed to and well received by local residents.



Watering the goya bitter melon vines

#### **Environmental Education**

In response to a request for partnership (provision of funding and support) from a teacher at Eastside Elementary School in the United States, Yamaha Motor Manufacturing Corporation (YMMC) launched an environmental education project to help students learn about their natural surroundings.

Students had the valuable experience of studying environmental issues such as ecosystems, the food chain, and pollution in the midst of nature near West Point Lake. They came up with ways to improve air quality in the elementary school and carried out tree planting.



## **Risk Management**

An introduction to the Yamaha Motor Group's initiatives in the areas of risk management, crisis management, and business continuity

Risk Management Structure

The risk management structure works toward the thorough reduction of risks on a Groupwide basis, and is led by the Risk Management and Compliance Committee. The Committee, chaired by the President and Chief Executive Officer, monitors risks on a Groupwide basis while also implementing measures to address any significant risks imposed on the Group.

Specific activities are carried out as per the Rules of Risk Management, and the risk management supervising section manages Groupwide risk management activities.

From Risk Assessment to Response

Risk responses are carried out repeating a PDCA cycle based on the following steps.



- \*1 Risks specific to operating divisions and Group companies can be added to the risk management ledger as appropriate, and assessed.
- \*2 In addition to the results of risk assessment at the Group level, significant risks at the Group level can be comprehensively determined and designated based on the Group's business strategy, legal and regulatory changes inside or outside the Group, or other developments including information concerning the likelihood of a risk event occurring or the operating environment.
- \*3 Operating divisions and Group companies also carry out activities to address risks that they have identified themselves that are not designated significant risks at the Group level.

Significant risks to the Yamaha Motor Group at the Group level are as follows, and are addressed under the guidance of the risk management supervising section.

"Cyber security" has been newly added as a significant risk at the Group level from 2018, and is being addressed Groupwide.

2017 Significant Risks at the Group Level	2018 Significant Risks at the Group Level
Natural disaster	Natural disaster
Labor dispute	Labor dispute
Major accident involving a Yamaha product	Major accident involving a Yamaha product
Fire or explosion*	Cyber security
Risk related to transfer pricing*	
Violation of antimonopoly law*	

<sup>\*</sup> The risk management supervising section has addressed the three risks of "Fire or explosion," "Risk related to transfer pricing," and "Violation of antimonopoly law" by establishing a structure to address these risks at the Group level, and with the establishment of this framework for continuous monitoring, these risks have been transferred from significant risk at the Group level designation to risks managed at the division level.



Crisis Management Structure and Activities

The Yamaha Motor Group works to minimize the damage from and quickly resolve crisis situations as per the "Rules for Initial Response to an Emergency."

In the event of a disaster, accident, or compliance-related incident at the Group, the division involved will report to the risk management supervising section at the head office as per standards for determining the level of reporting, which are set in advance. If the reported event is of a scale significant enough to warrant the involvement of Group management or multiple divisions and/or companies, the risk management supervising section will refer the matter to a response team designated in advance, and an Emergency Countermeasure Headquarters, chaired by the Company President, will be established. The Headquarters will work to understand the situation and formulate a provisional response, and if necessary will promptly report on the matter to customers and related parties.



**Business Continuity Planning** 

To prepare against envisioned risks that could impact the continuity of our business, Yamaha Motor has formulated "Rules of Business Continuity" and responds as per those Rules.

Yamaha Motor's primary operations are concentrated in Shizuoka Prefecture, and could be affected if a major earthquake were to occur in the Nankai Trough. To prepare for this, we have formulated a Business Continuity Plan to maintain the continuity of business operations, based on the damage projected by government bodies and placing foremost priority on the lives and safety of our employees.

Specifically, buildings and equipment have been made earthquake and tsunami resistant, emergency stockpiles of food, water, and other essentials are maintained, emergency methods for telecommunications are in place, Companywide evacuation drills (including Group companies located nearby and night drills) and safety confirmation drills are carried out regularly, regular initial response drills are carried out at the headquarters and individual business units, procedures to restore operations have been clarified, and a system for gathering supply chain information is in place. These and other measures addressing both tangible and intangible effects are carried out comprehensively and continuously.

Another concern is the outbreak of a potentially global pandemic. To prepare for this possibility, Group companies identify issues that could affect the continuity of their operations and formulate response plans. Drills simulating actions to be taken at various stages prior to the full-scale outbreak of a pandemic are carried out regularly, and a structure is in place to guarantee that businesses are able to continue operating.

Structure for and Initiatives in Information Security

#### Management of information

The Yamaha Motor Group has formulated the Group Operational Guidelines for Information Management to ensure the proper handling of confidential information, including information received from customers and employees, and the Company's financial and technical information. We aim to increase the awareness and understanding of these Guidelines at Group companies by sharing educational materials and other template tools with employees at those companies.

Organizations handling important information involving the Yamaha Motor Group regularly inspect the status of management and this information becomes the basis for reviews and revisions of information management. The results of these inspections are communicated to the employees in positions of each organization as a way to raise awareness of information management.

Heightened awareness and efforts to strengthen regulations regarding privacy has been a major global theme in recent years, and at the Yamaha Motor Group we formulated the Yamaha Motor Group - Privacy Policy in 2003 and comply with the local laws and regulations related to the protection of personal information in each of the countries in which we operate. In Japan, we responded proactively to the introduction of the My Number system in 2016 by formulating the Yamaha Motor Group Detailed Operational Guidelines relating to the Protection of Designated Personal Information in 2015. We have also revised the previously formulated Group Operational Guidelines for Protecting Personal Information to reflect the 2017 revisions to the Act on the Protection of Personal Information and to expand coverage to the Group's subsidiaries in Japan in addition to the parent company. As for the regulatory changes being enacted in Europe in 2018, Yamaha Motor Europe N.V. and the parent company are working together toward global compliance.

Employees handling personal information received from customers undergo training and education via compliance seminars held by the risk management supervising section and e-training. The risk management supervising section of the parent company also provides direct advice and guidance and other measures to ensure that customer information is handled appropriately.

No complaints were filed with regard to infringements of personal privacy in fiscal 2017.

> Yamaha Motor Group - Privacy Policy

#### Cybersecurity

Based on the IT Risk Management Group Guidelines, the Yamaha Motor Group has implemented IT-related information security measures for the entire Group, covering areas including access management, malware countermeasures, and disaster responses. Group employees also undergo IT risk training annually, and assessments are carried out every year at Group companies as we strive to strengthen security. In addition, given the increasing sophistication of cyberattacks in recent years, a set of new Cybersecurity Group Guidelines has been formulated covering both tangible and intangible aspects of cybersecurity to increase our protection against external attacks, and to detect an attack at an early stage and to minimize the damage in the event an attack were to occur. A Groupwide Computer Security Incident Response Team has also been established to prepare against unforeseen events and also to function as a structure for receiving and transmitting security information inside and outside the Company.

> Business Risks in the Securities Report

## Compliance

An introduction to the Yamaha Motor Group's initiatives in the area of compliance.



#### Compliance Structure

The Yamaha Motor Group has established a Risk Management and Compliance Committee, chaired by the Company President, to create a structure to ensure legal and regulatory compliance throughout the entire Group. The committee deliberates plans to ensure compliance, and monitors the implementation of those plans and the corporate culture with regard to compliance. The outcomes of these deliberations and monitoring are reported, as appropriate, to the Board of Directors as items deliberated by the Risk Management and Compliance Committee, together with ESG risks, and a structure has been established to ensure their effectiveness.

Specific activities are carried out as per the "Compliance Management Rules," and the compliance supervising section manages the Group's overall activities.

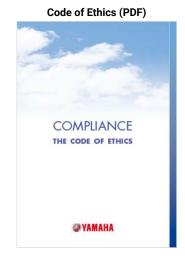
As a way to ensure that compliance is incorporated into the corporate culture, Groupwide compliance awareness surveys are carried out annually in Japan to confirm the effectiveness of Group compliance measures, including the degree of understanding and scope of implementation of the Code of Ethics, the extent to which reporting lines and hotlines are used, and the effectiveness of training programs, as we strive to identify and prevent the occurrence of compliance violations. Based on the results of these surveys and social trends, the Code of Ethics Guidebook is updated annually, and the Code of Ethics is reviewed regularly.

Although individual awareness surveys are carried out at overseas Group companies, from 2018 a unified Group compliance awareness survey will be carried out.



#### Code of Ethics

The Yamaha Motor Group has formulated and disseminated throughout the Group its Code of Ethics, which stipulates standards of behavior to be observed based on the Company Pledge, passed down since the Company's foundation, and the Management Principles. The Code has been translated into local languages at overseas Group companies, and an educational video has been prepared in 11 languages for use in training at Group companies to familiarize all employees with the Code of Ethics. Group companies also hold training sessions in the Code of Ethics for new employees.



Yamaha Motor's Code of Ethics

In the 2017 compliance awareness survey (Yamaha Motor Co., Ltd.), in response to the question, "Do you have a full understanding of the contents of the Code of Ethics?", 71.3% of respondents answered "Yes" while 4.5% answered "No."

The Yamaha Motor Group's business activities span the entire world, and these business activities need to comply with various laws and regulations. A Groupwide risk assessment is carried out annually to identify the common risks that need to be identified, covering many compliance risks including bribery and corruption, cartels, and security-related export controls. These risks are then assessed at individual operating divisions and Group companies, appropriate countermeasures are implemented, and their implementation status is monitored.

In the 2017 compliance awareness survey, in response to the question, "When you are unsure of something in the course of your work, do you place top priority on compliance?", 76.5% of respondents answered "Yes" and 2.5% answered "No."

Compliance and Legal and Regulatory Training

A compliance activity plan is formulated each year, and compliance training is carried out based on this plan. There are two types of training: level-specific stratified training and specialized training.

#### a. Compliance training as part of level-specific training

All new employees – both new graduates as well as mid-career hires – and temporary staff take compliance training that focuses on the Code of Ethics when they join the Company. In addition, when an employee is newly promoted to a managerial or supervisory position, division manager, or head of a business site, they take compliance training focused on that position or function annually or as required. This training includes examples of bullying and harassment, and how to respond when cases are brought to their attention for consultation.

#### b. Annual compliance training for all employees

All persons who work for Yamaha Motor take compliance training, with the aim of each individual employee creating a model that will earn the trust of society for the Company as a whole by practicing compliance. This compliance training is carried out annually (including for temporary staff), and records of attendance are retained. In addition, division managers and executive officers who are primarily engaged in operating activities take annual compliance training in an effort to implement compliance from top management down.

In addition, group training programs covering laws and regulations deemed to entail significant risk in the execution of the Company's business activities are carried out annually. Legal and regulatory compliance courses in 2017 covered topics including the protection of personal information, cartels, the prevention of insider dealing, import and export management, management of chemical materials, the Subcontract Act, intellectual property rights, disaster prevention and response, risks in information technology, and safety overseas. In the 2017 compliance awareness survey, in response to the question, "Do you consider the Company's compliance to be meaningful?", 76.3% of respondents answered "Yes" and 5.0% answered "No."

Training in the Code of Ethics and legal and regulatory training is also carried out for new employees of overseas Group companies, and the results are monitored at the head office.

Compliance Training in Japan—No. of Attendees (Aggregate Attendees)		
Executive officer training	27	
Division manager training	238	
Workplace training	16,057	
Laws and regulations training	6,847	
E-learning	62,535	
Level-specific stratified training (division manager, manager, floor manager, new hires, mid-career hires and temporary staff, etc.)	1,684	

Compliance Training at Overseas Group Companies—No. of Attendees (Aggregate Attendees)					
North America, Europe, Australia	Central and South America	ASEAN	East Asia	China and Taiwan	Total
14,794	14,359	12,599	9,191	1,915	52,858

#### Whistle-Blowing Systems (Compliance Hotlines)

Yamaha Motor has established its Compliance Hotline for any notification of behavior that could violate the Code of Ethics and for discussion or inquiries regarding compliance in general. The Compliance Hotline has been set up at an external, specialist institution, and is the common contact point for notification and consultation for all domestic Group companies. A Yamaha Motor Group Compliance Hotline has been established at an outside institution as a common contact point for employees of Group companies in Japan to report or discuss issues anonymously. By making it easy to report these issues, we are striving to prevent the occurrence of and detect at an early stage any illegal or unfair practices. Internal regulations also clearly state that any retaliation for the use of the internal notification system is strictly prohibited, and employees are reminded of this in annual compliance training programs.

The Human Resources Division has also established a Harassment Hotline as a contact point and to respond to reports of harassment

A Yamaha Motor Group Fair Business Hotline was also established in 2017 as a contact point for suppliers.

During 2017, the Yamaha Motor Group Compliance Hotline received 108 reports (including consultations), the subjects of which are broken down below. There were no reports involving violations of human rights or bribery and corruption.

	2014	2015	2016	2017
Reports made	47	63	76	108

Subject of Reports in 2017	Percent of Total
Human resources and labor relations	64%
Financial/accounting	11%
Information management	10%
Human rights violation	0%
Corruption prevention	0%
Other	15%

In addition to ongoing activities to promote awareness of the internal notification system, efforts are made through activities including annual workplace compliance training to deepen employees' understanding of the system and ensure that it functions swiftly and appropriately, as a way of instilling a system and corporate culture that incorporates compliance.

Internal notification systems have also been established and operate at major overseas Group companies, based on the local laws and regulations and other circumstances specific to each respective company.

Internal notifications that are confirmed to point to a problem are handled as cases and are responded to based on the "Rules for Initial Response to an Emergency." In addition, a global internal notification contact point is being set up at an outside institution from 2018 to enable notification of inappropriate actions being taken by managers of overseas subsidiaries, as we strive to detect inappropriate behavior globally at an early stage.

#### Anti-Corruption Measures

With regard to bribery, risks evaluated on a common basis Groupwide are included under "corruption" in the comprehensive risk management ledger, and bribery is included in the corrupt practices evaluated by the operating divisions and Group companies. The Board of Directors monitors management status as an ESG issue, while also receiving regular reports from the Risk Management and Compliance Committee. In addition, a Guidebook to Prevent Bribery of Public Officials has been prepared and disseminated throughout the Yamaha Motor Group. Other programs have been established to ensure the thorough prevention of corruption, including training on laws and regulations and training intended for specific groups or individuals (in particular, persons scheduled for overseas assignments or other positions where they may be exposed to potential high risks). A prior consultation system has also been introduced to prevent bribery, and prior consultation with the relevant legal affairs division is mandatory in cases where benefits are provided to public officials in Japan or any other country, or for subcontracting where there are existing possibilities of contact with public officials in Japan or any other country. Mandatory procedures are also in place for political contributions, based on the laws of each country involved.

#### Thorough Import and Export Management

Because a large proportion of the Yamaha Motor Group's business activities are conducted outside of Japan, we are constantly engaged in activities which place importance upon the management of imports and exports.

As an initiative related to exports, at Yamaha Motor Co., Ltd., we conduct Security Trade Control (STC) study sessions and liaison meetings based upon compliance with the Foreign Exchange and Foreign Trade Act and other related laws and regulations. For relevant departments and Group companies, regular and comprehensive educational training sessions are implemented. As one aspect of training for those engaged in trade, we encourage employees to take the STC Associate<sup>\*1</sup> and STC Expert<sup>\*2</sup> examinations and we have had successful candidates each year.

We continue our initiatives to prevent the order, import, transfer and supply of goods which are confirmed to contain substances prohibited for use in manufacturing\*3 or where the inclusion of such substances cannot be confirmed.

- \*1 A practical accreditation exam for security trade control conducted by the Center for Information on Security Trade Control (CISTEC), a non-profit and non-governmental organization
- \*2 An accreditation exam demanding a higher level of ability compared to the "STC Associate Examination"
- \*3 Substances indicated in Item 1, Article 16 of the Enforcement Order of Industrial Safety and Health Law

## **Sustainable Development Goals (SDGs)**

Introducing the Yamaha Motor Group's SDGs

## Approach to SDGs

The United Nations Sustainable Development Summit was held in September 2015, and passed Sustainable Development Goals (SDGs) comprising 17 goals and 169 targets as a "plan of action for people, planet and prosperity."

The Yamaha Motor Group is engaged in business activities around the world, with the corporate mission of being a "Kando Creating Company—Offering new excitement and a more fulfilling life for people all over the world." We have laid out our approach to the Group's sustainability in the preamble of our Basic Policies of CSR, adopted in 2011, which states that the Group "strives to contribute to the sustainable development of society through our business activities based on our corporate philosophy."

We are pursuing the SDGs as part of our commitment to sustainability, with the aim of achieving corporate growth through the resolution of social issues in the countries and communities in which we operate, as a company that all stakeholders, including society, always look to for the next advances and innovations.

## **Examples of SDG-Related Activities**

Activity	Related SDG			
Supporting employment and education with motorcycles	1 POWERT	4 ENGLISH	8 ECONOMIC GROWTH	
Vitalizing local communities through increased overseas manufacturing	1 POPERTY	8 DECENT MORK AND ECONOMIC GROWTH	9 NOLSTRY IMPORTOR	
Promoting traffic safety	3 GOODHEALTH AND WELL-BEING	4 QUALITY EUCATION		
Improving the technical skills of motorcycle technicians	4 QUALITY EDUCATION	8 DECENTINGSKAND ECONOMIC GROWTH		
Developing technical skills by leveraging Japanese-style manufacturing	4 QUALITY ENGATION	8 RECENT WORK AND ECONOMIC ORDINARY		
Modernizing fishing industries in developing countries with outboard motors	1 POVERTY  THE THE THE POWERTER  THE	2 PERSON CONTRACTOR CO	8 BECENT WORK AND COUNTYS	9 NOUSTRY, INCOMORNAL PROPERTY OF THE PROPERTY
Training engineers by transferring FRP boat manufacturing technology	8 BEEDT HORKAND ECONOMIC RECOVER	9 NOUSTRY INCOME.	14 LIFE BELIEW MATER	15 DEE ON LAND

## **Examples of SDG-Related Activities**

Activity	Related SDG			
Verification testing of mobility support for persons with limited mobility	11 SISTAMANIE OTIES AND COMMENTES			
Increasing efficiency of agricultural operations with unmanned helicopters	2 ZERO HUNGER			
Yamaha Clean Water Supply System	3 GOODHEATH A QUALITY SOURCE STATE OF THE ST			
Cleaning up beaches to protect endangered species	14 LEFE WALTER			
Cleaning up lakeshores using marine products	14 RELOW MADER			
Protecting rare plant species	15 OF LAND			
Removing alien plant species	14 IFE RELOW MADER  15 OF LANCE  15 OF LANCE			
Yamaha Motor Foundation for Sports	4 COLUMN TO THE PROPERTY OF TH			

## Approach to Sustainable Development Goals (SDGs)

Introducing the Yamaha Motor Group's SDGs

## Creating possibilities and enriching the lives of young people

## Supporting employment and education with motorcycles

More than 80% (unit sales basis) of Yamaha's motorcyclesour main business-are sold in Asia outside Japan. Their primary use is for daily mobility. As a means of commuting to school or to work, these motorcycles are creating possibilities and enriching the lives of young people in these countries.









## Improving local economies through globalization of business

## Vitalizing local communities through increased overseas manufacturing

Yamaha Motor has roughly 150 Group companies in more than 30 countries and regions around the world, developing, manufacturing, and selling products in a broad range of fields. Our manufacturing activities in emerging markets such as India, in particular, are gaining momentum year by year, significantly contributing to increased employment in these local communities.









## Correct and safe use of products

#### Promoting traffic safety

We are engaged in a wide range of activities to promote motorcycle safety, from safe riding courses for general customers, to workshops for companies and organizations that use our products commercially and the training of instructors at affiliated companies in various countries.

- > Yamaha Riding Academy Movie
- > Yamaha Riding Academy







## Yamaha Technical Academy

# Improving the technical skills of motorcycle technicians

Yamaha Technical Academy is an educational program for Yamaha motorcycle technicians. Enhancing the skills of these technicians increases customer satisfaction and benefits our sales network, enriching the lives of the people involved in these activities.

> Yamaha World Technician GP







## Aiming to raise the level of local manufacturing skills

## Developing technical skills by leveraging Japanese-style manufacturing

Yamaha Motor's Indian subsidiaries and local NGOs have been setting up Yamaha Training Schools since 2013. In 2017, Yamaha Motor NTTF Training Center was opened to develop human resources in India, as part of the public-private sector Manufacturing Skill Transfer Promotion Program. Both facilities are contributing to higher levels of technology and enriching daily lives in the communities in which they operate.



> India Institute for Manufacturing





## Promoting the fishing industry with marine engines

# Modernizing the fishing industry with Enduro, an outboard motor tailored to the difficult environments of developing countries

We help modernize the fishing industry by introducing outboard motors as well as the Japanese way of fishing, and handling and processing fish in countries where people use wooden boats with oars and sails. This expands accessibility to larger fishing grounds, increases the types of fish caught, and brings them back to market more quickly. Given the potential threat of outboard motor breakdowns on the lives of fishermen, Enduro was invented for use in difficult environments while running on inferior fuel. Our efforts to train local mechanics and set up parts networks are also widely supported by fishing communities.

- > Enduro
- > Fishery Journal Digital Archive











## From wooden boats to FRP boats

# Training engineers by transferring FRP boat manufacturing technology

We have launched "technical assistance factories" for FRP boats around the world. Today, 14 facilities spanning 13 countries produce 3,000 boats annually, and also play a role in training technicians, creating employment, and promoting the fishing, tourism, and transport industries. The transition to FRP boats from wooden boats also reduces deforestation as well as operating costs for small-scale fishermen and fisherwomen, while reducing CO<sub>2</sub> emissions through low fuel consumption. FRP boats also reduce accidents associated with wooden boats and promote the safety of boat operations and fishing.

- > FRP Boats in Mauritania Movie
- > Modernizing Fishery in Africa Movie











## **Building community-friendly transport systems**

## Verification testing of mobility support for persons with limited mobility

We carried out verification testing in Japan for automated driving services using golf car-based vehicles, as part of a Ministry of Land, Infrastructure, Transport and Tourism-led project to create safe transport for people and goods in rural areas with aging populations.





## Increasing agricultural productivity 10-fold

## Increasing efficiency of agricultural operations with unmanned helicopters

Yamaha Motor's industrial-use unmanned helicopters are dramatically increasing the efficiency of agricultural operations through remote operations for spreading pesticides and direct rice seeding. We are working toward achieving the 2016–2018 Medium-Term Management Plan target of "offering productivity 10 times greater than previously."

- > Annual Report 2016
- > Rev Story: Transforming Agriculture from the Air Movie







## Bringing smiles to faces through clean water

#### Yamaha Clean Water Supply System

We have developed the Yamaha Clean Water Supply System, which purifies surface water, and installed the system in areas where it is difficult to access clean drinking water. In addition to improving the lives of people in these areas by alleviating illnesses caused by contaminated water, this initiative has provided more time for women and children, who are primarily responsible for drawing and carrying water, to engage in studies and other productive activities. The system also contributes to promoting water sales and delivery businesses, and to less burning of wood by eliminating the need to boil water.



- > Yamaha Clean Water Supply System
- > Working to Change Water and Lives in Africa Movie
- > Bringing Beautiful Change to People's Lives Movie

> Annual Report 2016













## Protecting the ocean, our business field

## Cleaning up beaches to protect endangered species

Since 1991, we have been carrying out ongoing beach cleanups and baby loggerhead sea turtle observation tours at the Nakatajima Sand Dunes (in the southern part of Hamamatsu, Shizuoka Prefecture), where turtles come to lay their eggs, to protect endangered loggerhead sea turtles.

> Baby Turtle Observation Tour and "Sustainable Beach" Project





## Effective lake cleanups with our products

#### Cleaning up lakeshores using marine products

To protect the natural environment of Lake Hamana in Shizuoka Prefecture, we have held semiannual "Marine Cleanup Activities at Lake Hamana" continuously since 2013, using Yamaha Motor's boats and outboard motors. We conduct effective cleanups by utilizing the distinctive features of our products.

> Marine Cleanup Activities at Lake Hamana





## **Preserving biodiversity**

#### Protecting rare plant species

Prior to the construction of our motorcycle test course in Kikukawa, Shizuoka Prefecture, in 2008 we carried out a one-year environmental assessment of the site and surrounding area. Thereafter, we transplanted rare plant species, and we continue to carry out activities to protect and monitor rare plant species.

> Protecting Rare Plant Species at the Yamaha Motor Kikukawa Test Course





## Removing alien plant species from seashores

#### Removing alien plant species

Together with our beach cleanup activities at the Nakatajima Sand Dunes (in the southern part of Hamamatsu, Shizuoka Prefecture), we remove alien plant species including *Oenothera laciniata* and *Diodia teres* in May and September of each year, to create an environment compatible for the endangered riverside tiger beetle.

> Removing Alien Plant Species







## Creating healthy people and society through sports

## Yamaha Motor Foundation for Sports

The Yamaha Motor Foundation for Sports supports activities for sports enthusiasts and provides opportunities for children to experience sports, with the aim of creating people and a society that shares a passion for pursuing challenges.

> Yamaha Motor Foundation for Sports





## **Supporting the UN Global Compact**

Introducing the Yamaha Motor Group's support of the UN Global Compact

The UN Global Compact is a set of 10 voluntary principles in four areas, proposed by then UN Secretary-General Kofi A. Annan at the World Economic Forum held in January 1999.

The Yamaha Motor Group's president committed to participate in these principles, and registered as a participating company in December 2017.



## The Ten Principles of the UN Global Compact

Human Rights	Principle 1: Businesses should support and respect the protection of internationally proclaimed human rights Principle 2: Businesses should make sure that they are not complicit in human rights abuses
Labour	Principle 3: Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining Principle 4: Businesses should eliminate all forms of forced and compulsory labour Principle 5: Businesses should effectively abolish child labour Principle 6: Businesses should eliminate discrimination in respect of employment and occupation
Environment	Principle 7: Businesses should support a precautionary approach to environmental challenges Principle 8: Businesses should undertake initiatives to promote greater environmental responsibility Principle 9: Businesses should encourage the development and diffusion of environmentally friendly technologies
Anti-Corruption	Principle 10: Businesses should work against corruption in all its forms, including extortion and bribery

## Commitment of Participation in the Science Based Targets initiative (SBTi)

The Yamaha Motor Group committed its participation in SBTi in May 2018.

The Science Based Targets initiative (SBTi) involves companies publicly declaring, setting, and implementing scientifically-based greenhouse gas emissions reduction targets in order to reach the Paris Agreement target of keeping the global temperature increase below 2°C. This is an international initiative supported by international NGOs in environmental fields such as climate change, including the CDP, World Resources Institute (WRI), World Wide Fund for Nature (WWF), and United Nations Global Compact.

The Yamaha Motor Group committed its participation in SBTi in order to contribute to the decarbonization of society. Moving forward, the Group will take initiatives toward the setting and realizing of targets.

## **External Assurance**

External assurance of information disclosed by the Company is described below.

#### **External Assurance**

To ensure a high degree of transparency and reliability in disclosure of environmental and social data, Yamaha Motor engaged KPMG AZSA Sustainability Co., Ltd. to perform external assurance of the items listed below for fiscal 2017.

## S

#### Scope of Assurance

- •The Yamaha Motor Group's energy consumption, Scope 1  $CO_2$  emissions (total), Scope 2  $CO_2$  emissions (total),  $CO_2$  emissions from the use of sold products, water intake (total) and waste generation
- Yamaha Motor Co., Ltd.'s waste water
- The Yamaha Motor Group's lost time injury frequency rate
- Yamaha Motor Co., Ltd.'s occupational illness frequency rate



## Third-Party ESG (Environmental, Social, and Governance) Evaluations

Introducing third-party ESG (environmental, social, and governance) evaluations

With an increasing emphasis on socially responsible investment (SRI) that identifies companies for investment using evaluations from environmental and social perspectives in addition to financial analysis, Yamaha Motor proactively releases ESG-related information. The following are some of third-party evaluations we have received.

Morningstar Socially Responsible Investment Index (MS-SRI)



Yamaha Motor was among the 150 companies included in the 2018 Morningstar Socially Responsible Investment Index (MS-SRI), Japan's first stock price index for socially responsible investment.

SNAM Sustainability Index



Yamaha Motor was included in the 2018 SNAM Sustainability Index, managed by Sompo Japan Nipponkoa Asset Management Co., Ltd., to facilitate SRI for pension funds and institutional investors investing in a broad range of companies that are highly rated for their environmental, social, and governance activities.

Certified Health and Productivity Management Organization Recognition Program – White 500



Yamaha Motor was recognized in 2018 in the Certified Health and Productivity Management Organization Recognition

Program – White 500, established by the Ministry of Economy, Trade and Industry to recognize outstanding companies and organizations for their health and productivity management.

## **Human Rights**

Thoughts on Human Rights

As described in Basic Policies of CSR, the Yamaha Motor Group strives to contribute to the sustainable development of society through our business activities based on our corporate philosophy and to always abide by the letter and spirit of domestic and international laws and regulations. We are dedicated to earning the trust of the global community, and we place great value on communicating with all stakeholders. We recognize that respect for human rights is an issue of vital importance.

In 2017, the Yamaha Motor Group signed on to the UN Global Compact advocated by the United Nations. As a corporate group, we have and will continue to support the Universal Declaration of Human Rights, the International Labour Organization's Declaration on Fundamental Principles and Rights at Work, the Guiding Principles on Business and Human Rights, and the Children's Rights and Business Principles, which support the principles related to human rights and labor in the UN Global Compact.

The Yamaha Motor Group strives to ensure legal compliance in every country and community where the Group companies pursue business activities. But no matter what laws and regulations might prevail, business is conducted with priority given to international agreements and the spirit of the UN Global Compact. In addition, the scope of respect for human rights goes beyond employees of the Yamaha Motor Group to include suppliers and other business partners.



The Yamaha Motor Group maintains the following policies and guidelines related to human rights.



#### **Basic Policies of CSR**

We will provide equal employment opportunities and fair working conditions to employees, recognizing diversity and refraining from discriminatory practices, prohibit child labor and forced labor, and engage employees in honest communication and dialogue.

Basic Policies of CSR-Employees column

#### **Code of Ethics**

We will forbid derogatory comments against employees on the basis of race, nationality, ideals, principles in life, physical characteristics, personality, relatives, etc., that abuse or deny a person's character, and harassment of any kind, including sexual harassment.

Code of Ethics V. Respect for Human Rights

1. Human Rights and 2. Prevention of
Harassment (PDF 801KB)

#### **Basic Policies of CSR**

We will respect our suppliers and business partners and maintain an open door to new business partners around the world to find suppliers, regardless of nationality or size.



Requiring Suppliers and Other Business Partners to Respect Human Rights

#### **CSR Guideline for Suppliers**

We ask that our suppliers strive in all aspects of employment to eliminate discrimination on the basis of race, ethnicity, nationality, religion, sex and other issues, to refrain from the use of child labor or forced labor, to ensure fair working hours and wages, and to engage employees in dialogue and communication in good faith.



#### **Preamble to Basic Policies of CSR**

Suppliers are asked to uphold the Basic Policies of CSR maintained by the Yamaha Motor Group.



#### Statement on UK Modern Slavery Act

We issued our first statement in July 2017, in accordance with the UK Modern Slavery Act.

Yamaha Motor Europe Modern Slavery Act Statement for FY2016 (PDF 301KB)

#### Key Measures and Due Diligence Processes

Our risk management system, which covers all business units and subsidiaries under the Group umbrella, has a human rights-related component addressing associated risk in our own operations and across the supply chain. We monitor, assess and formulate measures to mitigate such risk. In 2017, risk related to human rights was identified at four Group companies. Of the issues that came to light, most had to do with harassment. Compliance training and other approaches were subsequently implemented.



In addition to the use of a risk management system, we conduct a compliance awareness survey at Group companies in Japan to gauge how aware employees are about human rights. The scope of implementation is to be gradually expanded throughout the Group, beginning in 2018. We will establish a reporting line to enable employees to report a problem right away in the event a situation arises, and we intend to set up and operate a whistleblowing system.



To complement the whistleblowing system, which enables employees to report a situation anonymously should they themselves encounter infringement of human rights, including harassment, or they see or hear of others experiencing a violation of human rights, we maintain a Harassment Hotline. In 2017, we opened a Fair Business Hotline as a contact point for suppliers and other business partners to make issues known to us. This hotline deals with comments regarding Yamaha Motor Company and domestic companies under the Group umbrella.

In addition, we participate in and implement the activities of the Human Rights Due Diligence Working Group of the Global Compact Network Japan (the Japan office for the UN Global Compact), and are also working to raise the level of support for human rights at Yamaha Motor.

We believe that education is the most vital means to prevent the risk of human rights violations from appearing. We work to raise awareness of human rights by providing an educational program about the Code of Ethics for all employees in the Group. In 2017, we ran compliance training for directors on the theme of human rights in the supply chain.

Compliance and Legal and Regulatory Training

Note that the Yamaha Motor Group had no reports of human rights violations in 2017.

## **Anti-Corruption**

The related information can be viewed from here.

We have implemented anti-corruption measures throughout the Group.



We participate in the UN Global Compact, which strives to prevent corruption.



Includes amounts used for political contributions, lobbying, etc.



## **ESG-Related Information**

ESG-related information can be viewed from here.

Amounts used for political contributions, lobbying, etc. (not including donations to business organizations, NGOs, etc.)

Yamaha Motor: Unit - million yen

	2014	2015	2016	2017
Amount	13	14	15	13

Note: The amount shown above for contributions to political organizations in 2017 includes ¥6.40 million to the People's Political Association.