

Material Issue 1 Offering Reliable Information and Communications Services

KDDI's Approach

Recognition of Social Issue

In an advanced information society, communications services are the most important lifeline. The disruption of this lifeline due to natural disaster or cyber-terrorism can be a major factor behind a downturn in society and the economy itself. KDDI has an obligation to support local communities in which people can live with peace of mind by continuing to provide reliable communications services 24 hours a day, 365 days a year.

KDDI's Risk and Opportunity

- Our company value will drop if we fail to provide communication services for any reason, even reasons like natural disasters or cyber-terrorism.
- We believe that providing communications services continuously in the midst of unforeseen events will lead to the support of society and the economy and thus result in the rise of our company value.

KDDI's Management

As the operation system for large-scale disasters, we have a business continuity plan (BCP) in place and conduct a Disaster Agreement with the Ministry of Defense and the Japan Self-Defense Forces. Furthermore, the KDDI Security Operations Center is responsible for detecting, analyzing, and providing protection against cyber attacks in which they have a 24 hour/365 day system where they are aware

of the communications conditions. With these robust systems, KDDI can quickly respond to any disaster or terrorism.

With regard to information security, we have established the KDDI Group Information Security Standards established by the Information Security Committee with which each company in the group outfits their operation systems.

We are also strengthening governance throughout the KDDI Group in our efforts to improve management efficiency and transparency, and ensure a strong and stable management base. Also KDDI has established a system with the Corporate Risk Management Division at its core that promotes internal control activities. Its aim is to create a corporate structure that makes it hard to create risks. The KDDI Code of Business Conduct sets the basic policies for compliance that every executive and employee must adhere to, and efforts are made to promote the spread of the basic policies.

Policies

- Disaster Response Regulations

 Link Website	Security Policy
 Link Website	KDDI Code of Business Conduct (Basic Principles)
 Link Website	Basic Policy for Constructing an Internal Control System Basic Views on the Internal Control System and Progress of System Development (Corporate Governance Report p.21)

Key Performance Indicators (KPI)

	FY2016 Goal	FY2016 Result
Rate of issues improved extracted from 2015 company-wide disaster response training	100%	100%

FY2017 Goal

- Rate of issues improved extracted from 2016 company-wide disaster response training: 100%

The Main Target Stakeholders and the Issues



Issues

- Provide networks that offer seamless connections anytime anywhere
- Maintain networks during a disaster and realize early recovery
- Enhance group governance

Material Issue 1 Offering Reliable Information and Communications Services

Future Issues

- Build a system for fast and accurate information collection in disaster areas
- Build a collaborative network that includes external stakeholders in the event that communications are cut off in disaster areas
- Further strengthen the satellite network environment by making use of stationary marine satellite antennas

Initiatives Related to This Material Issue

 [Link](#)
Page_22 Recovery Support in Times of Disaster

 [Link](#)
Page_37 Management and Improvement of Network Quality

 [Link](#)
Page_58 Corporate Governance

Highlights

Recovery Support in Times of Disaster

Policy

KDDI

KDDI's Approach (Recovery Support in Times of Disaster)

When a disaster happens, many people try to use their phones to check on the safety of family and friends or for relief activities in the disaster area, so that there is an explosive increase in demand for mobile phones and smartphones. KDDI has built disaster-resistant communication networks so that we can meet the demands of our customers, and in the event that our networks get damaged, we have developed a secure and well-prepared system for quick recovery in all parts of Japan.

Policy and System

KDDI

Business Continuity Plan (BCP) Initiatives

Based on its experiences following the Great East Japan Earthquake, KDDI has formulated a Business Continuity Plan (BCP) for Large-Scale Disasters. This plan includes measures to confirm the safety of employees and their families and to carry out the Company's responsibility to continue telecommunications services as a designated public institution. Specifically, the plan establishes detailed rules for responding to a disaster, from initial mobilization to full restoration. We are also building satellite network links to key sites throughout Japan in preparation for a scenario in which all fixed-line and mobile circuits cease to function. The plan also sets forth measures for providing support to emergency shelters.

The effectiveness of the BCP is assessed through regular disaster

response training. Any issues and areas of improvement are reflected in subsequent versions of the BCP, and are useful in building a more solid foundation for disaster response.

■ Establishing a Disaster Response Headquarters in Times of Disaster

In the event of a disaster, a Disaster Response Headquarters will be established in the KDDI head office and at the disaster site with the President as the general manager. A network recovery system that matches the scale of the disaster will be activated to gather and analyze information.

To achieve network recovery in a short-time, we will promptly set up an internal communication system between the Disaster Response Headquarters and the on-site response office. We will secure emergency means of transportation for reserve supplies and materials for disaster recovery, and work on recovery operations using disaster response facilities (emergency power generators, vehicle-mounted wireless base stations, mobile power supply vehicles).

System

KDDI

au Disaster Recovery Support System

To quickly grasp the extent of damages during a disaster and formulate a precise recovery plan, KDDI has deployed the au Disaster Recovery Support System throughout its 10 technical centers nationwide. The system provides centralized management of regional damage information, conditions at key sites, and information on emergency shelters and evacuation routes. This information is reflected on maps in real time to provide a clear understanding of priority recovery areas,

enabling us to provide effective recovery response even when damage is widespread.

System

KDDI

Facilities Measures to Ensure Communications Services in Times of Disaster**■ Multi-Route Trunk Transmission Lines and Route Distribution**

To ensure reliable communications, KDDI works to distribute its telecommunications equipment capacity, establishing redundant communications lines (terrestrial optical fiber) and a structure that uses automated switching to provide relief to the communications network during failures. Undersea cable and other means are used to provide multi-route communications lines, ensuring a highly reliable communications network. In the event of trouble, bypass measures are implemented in an effort to relieve communications.

■ Strengthening of Disaster Resistance in Communication Stations and Telecommunications Facilities

We have augmented deployment of mobile power supply vehicles and emergency power generators to make possible quick power supply to telecommunications facilities in the disaster area. Furthermore, to ensure communications services in disaster-hit areas, we increased deployment of wireless entrance facilities as well as vehicle-mounted and portable base stations, and equipped around 2,200 mobile phone base stations with batteries capable of operation for more than 24 hours.

Recovery Support in Times of Disaster

Disaster Response Initiative from “Land” “Sea” and “Air”

To ensure a quick recovery when a disaster occurs, in addition to vehicle-mounted and portable base stations as well as “ship-mounted base stations” which are portable base stations installed on ships, we are also working on “unmanned aircraft base stations (drone base stations)” that build a communication network from the sky. A drone base station can be expected to provide temporary mobile phone services from the sky with the aim of recovery in areas where usage of mobile phone services becomes difficult when a disaster strikes. It can also be used in situations where it is difficult to provide mobile phone services from land or sea. In addition to recovery of mobile phone services, we are also studying the possibility of equipping drones with functions for filming the situation in the disaster area from the sky, and transmitting the images in real-time to areas outside the disaster-hit area. Going forward, we will obtain a license for an experimental testing station, and conduct experiments based on the assumption of a disaster scenario in preparation for putting the “unmanned aircraft base station (drone station)” into practical application.

Material Issue 2 Creating a Safe and Secure Information and Communications Society

KDDI's Approach

Recognition of Social Issue

Due to the rapid proliferation of smartphones, mobile phones, and other ICT, society has become more convenient. At the same time, issues still exist such as children being caught up in trouble through the use of these devices and the digital divide among senior citizens (information gap). To minimize these problems, there is an increasing need for information ethics education, such as newly defined information ethics that students learn for new courses of study in elementary and junior high schools (Ministry of Education, Culture, Sports, Science and Technology).

Furthermore, under the Act for Eliminating Discrimination Against Persons with Disabilities that was enacted in April 2016, companies are required to give consideration to persons with disabilities in their products and services.

KDDI's Risk and Opportunity

- Through products and services provided by KDDI, it is assumed that there is a social and economic risk of a wide range of customers being caught up in crime or problems through smartphones, mobile phones, and the Internet.
- There is a new demand to provide smartphones and services equipped with various functions that offer safe, secure, and comfortable use for people who are particularly socially vulnerable such as children, senior citizens, and persons with disabilities.

KDDI's Management

- KDDI has established the KDDI Basic Guidelines Concerning Safe and Secure Communication for Young People so that children can communicate safely and securely. Through the KDDI Smartphone and Mobile Phone Safety Classes, we raise literacy awareness to enable children and senior citizens to use smartphones and mobile phones safely and securely. We set student satisfaction levels and target comprehension levels as key indicators, and are working to increase the quality of lectures.
- We are promoting the concept of Friendly Design in our products and services easy to use for all people to ensure comfortable and enjoyable use for all regardless of age, nationality or whether on has a disability or not.
- We also enforce our Privacy Policy to protect our client information.

■ Policies

[Link](#)
Page_26 KDDI Basic Guidelines Concerning Safe and Secure Communication for Young People

[Link](#)
Website Privacy Policy

Key Performance Indicators (KPI)

KDDI Smartphone and Mobile Phone Safety Classes	FY2016 Goal	FY2016 Result
Level of satisfaction for children's lectures	90 points	93.7 points
Level of understanding for senior's lectures	83%	82%

■ FY2017 Goal

- Classes for juniors Instructor satisfaction: 94%
Material satisfaction: 94%
Intention to reapply: 92%
- Classes for seniors Satisfaction: 83%
Utilization: 85%

The Main Target Stakeholders and the Issues



【Issues】

- Safe and secure use of products and services
- Response to a wide range of customer needs

Material Issue 2 Creating a Safe and Secure Information and Communications Society

Future Issues

- Respond to the needs of a wide range of customers, including children, senior citizens, foreigners, and people with disabilities
- Enrich the programs of the KDDI Smartphone and Mobile Phone Safety Classes to respond to the diversification of trouble
- Provide products and services that prioritize privacy protection and data security

Initiatives Related to This Material Issue

 [Link](#)
Page_26 Awareness Activities on the Use of ICT Services

 [Link](#)
Page_41 Responsibility for Products and Services

Awareness Activities on the Use of ICT Services

Policy

KDDI

KDDI's Approach (Awareness activities on the use of ICT services)

Smartphones and mobile phones are an important tool that is indispensable for people to maintain a social life, and they have become so widespread that it is now common for people to own more than one phone. On the other hand, accidents and troubles arising from the use of smartphones and mobile phones have become a serious social problem. To protect customers against any danger and other trouble associated with smartphones and mobile phones, KDDI is taking various measures.

Policy

KDDI

Basic Policy and Strategy on Safety and Security

We are working to protect young people against trouble arising from communication services such as mobile phones and the internet.

We will continue to work to create a truly safe and secure society for young people while building smooth communication services.

KDDI Basic Guidelines Concerning Safe and Secure Communication for Young People

At KDDI we are working to safeguard young people from trouble arising from communication services such as mobile phones and the internet. We will continue to work to create a truly safe and secure society while building smooth communication services for young people.

Activity and Results

KDDI

Safety and Security Educational Activities**■ KDDI Smartphone and Mobile Phone Safety Classes (classes for juniors)**

In FY2005, KDDI, Okinawa Cellular Telephone Company and KDDI Group Welfare Association began conducting the KDDI Smartphone and Mobile Phone Safety Classes - Safety and Security Seminars throughout Japan as a way to educate children on the safe and secure use of smartphones, mobile phones, and the internet. The class provides the necessary information on rules and etiquette and teaches them how to identify trouble and protect themselves.

The classes for young people are targeted at elementary, junior high, and senior high school students as well as parents, guardians and teachers, and were conducted a total of 3,806 times in FY2016 for some 680,000 participants. In the 12 years since they were started in FY2005, more than 20,000 classes have been provided to about 3.7 million people.

With regard to the impact of the classes on the participants, in industry-government-academia collaborative classes held in FY2015, questionnaires were conducted before and after the classes to measure their effectiveness. Improvements were observed in all 7 items relating to the avoidance of trouble after participants had taken the classes. Furthermore, a rental DVD that is a compilation of the content covered in the classes won an award of excellence in the Commendation on Instructional Materials for Consumer Education 2017 organized by the National Institute on Consumer Education.

We will continue to review our



program every year, update our videos and topics, and introduce new teaching materials in an effort to further educate young people.

■ KDDI Smartphone and Mobile Phone Safety Classes (classes for seniors)

KDDI, in collaboration with local governments, offers a class for seniors aged 70 and under. We offer the "Smartphone class for seniors" and the "Tablet class for seniors", designed for people who do not have smartphones or are not sure how to use them.

The instructors are KDDI employees who visit the regional facilities. Each participant is provided with an au smartphone or tablet to use during the class. While looking at a screen that shows the operations performed by the instructor, the participants can learn basic smartphone or tablet operations and gain experience in sending e-mail and using the internet. In FY 2016, the classes were held 215 times for approximately 3,900 participants.

In FY2016, KDDI started offering classes on disaster-prevention measures to help seniors learn the effective use of smartphones in the event of a disaster. Seniors can also learn the means of communication and confirming safety in the event of a disaster by using the Disaster Message Board Service and apps that are useful in disaster prevention.

Going forward, we will strive to continue improving the program so that seniors can live more comfortably and conveniently by making use of smartphones and tablets.

■ IT Education for the Hearing Impaired

Since 2014, we have been conducting IT classes for children with hearing impairment. The classes aim to provide job assistance for students with disabilities by solving problems that the hearing

Highlights

Awareness Activities on the Use of ICT Services

impaired face in daily life through the use of KDDI's information technologies. In FY2016, we conducted classes for students in a deaf school to develop and test an application that uses vibration on a smartphone to notify the user of the sound of an approaching ambulance. This helps to eliminate the inconvenience that the hearing impaired face in not being able to hear emergency vehicle sirens while driving.

Fiscal Year	Initiative	Number of participants
FY2014	· Classes for IT education for the hearing impaired	60 people
FY2015	· Class to develop a race starter app for the hearing impaired	11 people
FY2016	· Class to develop and test an Ambulance Notification App for the hearing impaired	10 people

〈Results〉

- KDDI received the Selection Committee Incentive Award in the large corporation category at the 2016 Awards for Companies Promoting Experience-based Learning Activities for the Youth sponsored by the Ministry of Education, Culture, Sports, Science and Technology.
- Due to the opportunity to participate in KDDI's IT class, one of the student participants went on to enroll in the Information Department of an university.



Link

Page_42

KDDI's Approach (Accessibility Enhancements)

Material Issue 3 Vitalizing the Company by Developing a Diverse Workforce

KDDI's Approach

Recognition of Social Issue

From a global perspective, women in politics and the workplace advancement for women have progressed greatly. The gap between men and women has decidedly decreased. In line with this global trend, the Japanese government adopted the Act to Advance Women's Success in Their Working Life, which became effective in April 2016. In addition, there are increasing demands for companies to accelerate the advancement of women in the workplace.

"Equal pay for equal work" is a basic concept in Europe and America, and the principle of preventing wage gaps in the employment system is becoming universal. In Japan, on the other hand, there are many gaps between regular and non-regular employees in terms of factors such as the stability of wages and employment, and the challenge is to implement efforts aimed at more balanced and equal treatment.

KDDI's Risk and Opportunity

- When it comes to the workplace advancement of women, simply relying on approaches based on domestic standards increases the risk of criticism from society in labor practice aspects such as equal opportunity and decent work when expanding business activities globally to achieve sustainable growth.
- KDDI is re-evaluating its management strategy making women in management a sustainable company requirement to accelerate its diversity promotion with a global outlook. Internally, KDDI is creating

an organization that promotes openness where a different value system based on the advancement of female employees functions organically, that is filled with different working styles, and where employees with disabilities can advance.

KDDI's Management

- KDDI established four basic principles aimed at achieving our transformation into a "Life Design Company", as outlined in the FY2016-FY2018 medium-term management plan. One of these principles is to improve the strength of employees, and one of the objectives of this principle is to utilize diverse human resources. For this objective, KDDI has set targets for the advancement of women in the workplace.

Building a stronger workforce	Introduction of talent management
	Shift of key personnel to strategically important divisions
	Global human resource cultivation
	Utilization of diverse human resources

- KDDI advocates "diversity is fundamental" as the aspiration of the KDDI Group Philosophy. As a goal for FY2016 and beyond, we have set a target to promote 200 females to line manager positions* by FY2020.

* Organizational leadership/managerial post with the authority to evaluate personnel

Policies

-  [The KDDI Group Philosophy](#)
-  [KDDI Code of Business Conduct \(Basic Principles\)](#)

Key Performance Indicators (KPI)

FY2016-FY2020 Goals

1. Number of female line managers: 200 female line managers by 2020
2. Usage rate of paid vacation time: 70%
3. Percentage of recent graduate hires who are female: 30%

Appointment of Female Line Managers

	April 1, 2016 result	April 1, 2017 result
Appointment of female line managers	109 people	111 people

Material Issue 3 Vitalizing the Company by Developing a Diverse Workforce

The Main Target Stakeholders and the Issues



[Issues]

- Create a workplace where women can gain professional advancement
- Promote employment of persons with disabilities
- Cultivate global leaders

Future Issues

- Achieve 3 key performance indicators
- Enhance employment of persons with disabilities

Initiatives Related to This Material Issue

[Link](#) Page_30 Promoting the Professional Advancement of Women

[Link](#) Page_79 Labor Practices

Highlights

Promoting the Professional Advancement of Women

Policy

KDDI

KDDI's Approach (Promoting the Professional Advancement of Women)

Promoting gender equality and the empowerment of women not only deepens understanding of the human rights of women but also leads to the solving of issues in international society and the sustainable development of companies.

KDDI is striving to establish an environment and foster a climate where diverse human resources can utilize their individual strengths to perform to the best of their ability. We are focusing in our efforts on "Cultivating Female Leaders," "Raising Awareness and Changing Behavior of the Management," and "Improving the Working Environment," so that women can continue to participate and advance in their career even after going through life events such as giving birth and raising children.

Policy

KDDI

Action Plan Based on the Act to Advance Women's Success in Their Working Life

With the enactment of the Act to Advance Women's Success in Their Working Life on April 1, 2016, KDDI has set the following targets in relation to actions to be implemented over a 5-year period from April 1, 2016 to March 31, 2021.

<Targets>

1. Number of female line managers: 200
2. Usage rate of paid vacation time: 70%

3. Percentage of recent graduate hires who are female: 30%

<Description of Actions>

- Cultivate leaders consistently through the Female Line Manager Program
- Promote measures to encourage employees to take paid annual leave by creating plans for taking leave, and setting recommended dates for taking leave in each department

Policy

KDDI

Cultivating and Promoting Female Leaders

KDDI believes that the participation of women in company decision-making situations will lead to the reinforcement of our power as a company, and has been focusing on cultivating female leaders. More precisely, our goal is the appointment of 200 female employees to line manager positions with the authority to conduct personnel evaluations by FY2020. Furthermore, we are striving to expand our cultivation of female managers, which is the foundation for cultivating female leaders.

(As of the end of March 2017)

Number of Female Managers	270
Number of Female Line Managers	108
Number of Female Administrative Officers	1
Number of Female Directors (Outside Directors)	1

System and Activity

KDDI

Female Line Manager Program

In FY2016, KDDI started the Female Line Manager Program, which aims to establish a career pipeline for young females who are candidates for promotion to management positions. This program propels the creation of female leaders with an eye toward the cultivation and advancement of female executives and line managers. To carry out cultivation systematically through individual management of candidates selected in cooperation with each department, Diversity & Inclusion Department conducted interviews with each of the 200 female line manager candidates in FY2016. Furthermore, we organized career design seminars for young female employees with the aim of expanding the candidate pool, and conducted e-learning to promote understanding of the necessity for cultivating female managers and the cultivation method for all employees in management positions including men.

In FY2017, we plan to release e-learning content so that the senior staff themselves will change, and to continue working on changing attitudes within the company.

Activity and Results

KDDI

New Generation Eijo College

FY2016 saw the implementation of the "New Generation Eijo College ~ Project for the Advancement of Female Marketing Representatives in Different Industries", which was launched in June 2014 by females in sales positions from seven companies representing different industries (Recruit, Nissan Motor Company, IBM Japan,

Highlights

Promoting the Professional Advancement of Women

Kirin, Sumitomo Mitsui Banking Corporation, Suntory, and KDDI), in an effort to address the difficulty of producing leaders due to the shortage of women in sales. This year, the number of participating companies was increased, and 200 women from 20 companies participated in the forum held in July. There were 9 women from KDDI. It was an opportunity for the participants to review their own career attitudes and skills as they got inspired and had their perspective broadened through the interaction with female marketing representatives from different industries. These results show up in the fact that 2 out of the 17 female employees who participated in the New Generation Saleswoman College were subsequently promoted to managerial positions. In FY2017, we plan to conduct activities based on the theme of creating the next generation marketing model.

System

KDDI

Fostering a Corporate Climate That Supports Childbirth and Childcare

KDDI has made efforts to include provisions for the prohibition of maternity harassment in the employment rules, and to enhance the support systems so that employees can go through childbirth and childcare comfortably in both mind and body.

 [Work, Childcare and Nursing Care Support Systems](#)
Page_82

Material Issue 4 Initiatives to Conserve the Global Environment

KDDI's Approach

Recognition of Social Issue

In these times when global warming is evident, along with measures to mitigate global warming by reducing greenhouse gas emissions, people are asking about adaptations to global warming where nature and society are changing in response to the effect on the global environment. In 2015, the Paris Agreement was established, calling for a global effort to hold the global temperature rise since the industrial revolution to less than 2°C and to strive to limit the increase to less than 1.5°C. For companies, making simultaneous efforts to mitigate and adapt to this issue is important.

KDDI's Risk and Opportunity

KDDI is aware of the risk of climate change and large-scale natural disasters, and is taking the opportunity to mitigate and adapt to these risk. Global warming increases the risk of natural disasters, which greatly increases the chance of damage or disruption to communications equipment and interruption of communications, thereby hindering the provision of stable information communications services. Meanwhile, we are taking the opportunity to provide ICT services such as those that use equipment with a lesser environmental impact, and those that contribute to the development of services and solutions that reduce the movement of customers.

KDDI's Management

KDDI has established the KDDI GREEN PLAN 2012-2016 Medium-term Environmental Conservation Plan based on the KDDI Environmental Charter, and the KDDI Action Guidelines on the Preservation of Biodiversity based on this Medium-term Environmental Conservation Plan. All but one of the targets in the KDDI GREEN PLAN 2012-2016 was achieved. Since FY2017, KDDI has established a new KDDI GREEN PLAN 2017-2030 based on the previous results, and will pursue efforts to make use of ICT services in Climate Action, Creating a Recycling-Oriented Society, and Conservation of Biodiversity.

■ Policies

-  [Link Page_100](#) KDDI Environmental Charter
-  [Link Page_114](#) KDDI Action Guidelines on the Preservation of Biodiversity

Key Performance Indicators (KPI)

■ KDDI GREEN PLAN 2012-2016

	Targets	Results
Amount of power consumption (compared to when energy conservation measures are not taken)	30% constraint	41.8% constraint
Amount of power consumption per subscriber (compared to FY2011)	15% reduction	38% reduction
Number of Tribrid Base Stations established	100 stations (FY2012 Goal)	100 stations
Achieve zero emissions for retired telecommunications facilities (Zero emissions is defined as having a final disposal rate of 1% or less.)	Final disposal rate of 1% or less	Final disposal rate of 0.4%
Recycling rate of used mobile phone material	Over 99.8%	99.8%
Recycling rate of general waste material for KDDI buildings and headquarters	Over 90%	83.6%

The Main Target Stakeholders and the Issues



[Issues]

- Climate Action
- Creating a Recycling-Oriented Society
- Conservation of Biodiversity

Material Issue 4 Initiatives to Conserve the Global Environment

Future Issues

- 7% reduction in CO₂ emissions in FY2030 compared to FY2013 for KDDI (in Japan, non-consolidated)
- Upgrading to highly energy-efficient data centers in Japan and abroad
- Contributions to reductions in society's CO₂ emissions by providing KDDI's information and communication technology (ICT) services
- Maintain zero emissions from retired telecommunication facilities
- Maintain material recycling rate of 99.8% for used mobile phones
- Active promotion of initiatives using ICTs to conserve ecosystems

Initiatives Related to This Material Issue

 [Link](#)
Page_34 Environmental Conservation Plan

 [Link](#)
Page_100 Environmental Management

 [Link](#)
Page_108 Environmental Performance

Material Issue 4 Initiatives to Conserve the Global Environment

Highlights

Environmental Conservation Plan

Policy

KDDI

Third Medium-term Environmental Conservation Plan – KDDI GREEN PLAN 2012-2016

FY2016 was the final year of the KDDI GREEN PLAN 2012-2016 Third Medium-term Environmental Conservation Plan, which KDDI established in FY2012. This plan took three material issues – Low-carbon society, Recycling-oriented society, and Biodiversity – and established concrete targets for each. To achieve these targets, KDDI promoted the 3G – Green of ICT, Green by ICT, and Green Road Project.



KDDI GREEN PLAN 2012-2016

Activity and Results

KDDI

Summary of Third Medium-term Environmental Conservation Plan

KDDI GREEN PLAN 2012-2016 set seven targets for three material issues, and achieved six of the targets (all except the target to achieve a material recycling ratio for general waste of 90% or more at KDDI-owned buildings and in the headquarters building).

Because the recycling of general waste material is dependent on equipment specifications of processors and other conditions of the processing area, KDDI was unable to achieve this target.

Results of Third Medium-term Environmental Conservation Plan

	Targets	Results	Evaluation
Low-carbon society	(1) By FY2016, reduce electric power consumption by 30%, compared with the level if energy-saving measures had not been implemented.	41.8% constraint	○
	(2) By FY2016, lower electric power consumption per subscriber by 15%, compared with FY2011.	38% reduction	○
	(3) By the end of FY2012, increase the number of Tribrid Base Stations to 100.	100 stations	○
Recycling-oriented society	(1) Achieve zero emissions for retired telecommunications facilities.*	Final disposal rate of 0.4%	○
	(2) Achieve material recycling ratio of 99.8% or more for used mobile phone handsets.	99.8%	○
	(3) Achieve a material recycling ratio for general waste of 90% or more at KDDI-owned buildings and in the headquarters building.	83.6%	×
Biodiversity	(1) Pursue activities based on our action guidelines for preservation of biodiversity.	Achieved	○

* Zero emissions is defined as having a final disposal rate of 1% or less.

Environmental Conservation Plan

Policy

KDDI

Formulation of the Fourth Environmental Conservation Plan

KDDI has formulated a new Environmental Conservation Plan, titled KDDI GREEN PLAN 2017-2030, which is based on the results of the Third Medium-term Environmental Conservation Plan. This plan adopts Climate Action, Creating a Recycling-Oriented Society, and Conservation of Biodiversity as the three material issues, and sets targets such as a 7% reduction in CO₂ emissions amounts in FY2030, compared to FY2013 for KDDI(in Japan, non-consolidated). In striving to achieve the targets of this plan, KDDI aims to contribute to further global environmental conservation.



Climate Action

- 7% reduction in CO₂ emissions in FY2030 compared to FY2013 for KDDI (in Japan, non-consolidated) ^{PR04}
- Upgrading to highly energy-efficient data centers in Japan and abroad
- Contributions to reductions in society's CO₂ emissions by providing KDDI's information and communication technology (ICT) services

Note: KDDI's target emission reduction of 7% compared to FY2013 matches the 7% industry target in Japan's national Climate Action Plan. In order to achieve this target, KDDI will make use of various approaches to reduce emissions, including the use of renewable energy.

Creating a Recycling-Oriented Society

- Maintain zero emissions from retired telecommunication facilities ^{PR04}
- Maintain material recycling rate of 99.8% for used mobile phones

Note: Zero emissions are defined as a final disposal rate of 1% or less.

Conservation of Biodiversity

- Active promotion of initiatives using ICTs to conserve ecosystems

Overview of KDDI Green Plan 2017-2030

- (1) Climate Action
 - 7% reduction in CO₂ in FY2030 compared to FY2013 for KDDI (in Japan, non-consolidated)
 - Upgrading to highly energy-efficient data centers in Japan and abroad
 - Contributions to reductions in society's CO₂ emissions by providing KDDI's information and communication technology (ICT) services
- (2) Creating a Recycling-Oriented Society
 - Maintain zero emissions* from retired telecommunication facilities
 - Maintain material recycling rate of 99.8% for used mobile phones
- (3) Conservation of Biodiversity
 - Active promotion of initiatives using ICTs to conserve ecosystems

* Zero emissions are defined as a final disposal rate of 1% or less.