

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

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.