

Recycling-Oriented Society

Activity and Results

Green of ICT

■ Reuse and Recycling of Telecommunications Facilities

KDDI promotes reuse activities that regenerate and effectively employ retired telecommunication facilities. We also use material recycling to effectively employ equipment, components and materials that have become unnecessary.

In FY2015, KDDI recycled the materials in old deteriorated rechargeable batteries installed in telephone exchange stations used in test environments, to effectively utilize their resources. We will also make proactive efforts to reuse and recycle the retired equipment generated during periodic upgrades of communications equipment for base stations and other facilities.



Rechargeable batteries that are no longer needed

Activity and Results

Green by ICT

■ Reduction of Paper

KDDI is making efforts to slim down the operation manuals of its au mobile phones through the introduction of operation manual apps in smartphones and through other means. We are also making packaging on au mobile phones more compact.

We will continue to further reduce the use of paper and expand operation manual apps to improve usability that is kind to the environment.



From left, successive operation manuals with the most recent on the far right.



Paper Recycling at au shops

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Recycling-Oriented Society

Activity and Results


Green Road Project

Promoting Recycling of Mobile Phones

Used mobile phone handsets that have been collected from customers at au shops are manually disassembled, separating out substrates, displays, cameras, plastics, screws, iron, antennas, motors, speakers and other items, in a secured room. Gold, silver, copper, palladium and other resources are extracted from the substrates, while screws and antennas are recycled into steel products and plastics are recycled into plastic products. When a machine is used to disassemble a mobile phone, plastics are burned up in the incineration process and so cannot be used as a recycled resource. In addition, recycling eliminates the need to conduct new mining and refining of mineral resources such as oil, iron, gold, silver, and copper, while also reducing the amount of carbon dioxide that is generated through the mining and refining processes. KDDI performs all disassembly manually to prevent recyclable resources from being wasted.

Recycling rate in FY2015

99.8%

 [au shop Locator \(Japanese\)](#)
Link Website

Paper Recycling at au shops

Throughout Japan, au shops collect and recycle various types of paper material such as mobile phone flyers, pamphlets, and cardboard packaging. In FY2015, we collected 1,695 tons of paper material, which was recycled into paper for new printed items.

Basic flow for Recycling of Mobile Phones

