Customers

13.46 million m³

Providing

services and products Providing dynamic eco-mark products

35 items Corporations

Construction for deploying, Reduced power consumption removing cable amount of CO2 emissions through TPR* activities 130,000 t-CO₂ -200 million kWh

139.15 million m³

74.000 kl

Distribu-

Internal

distribution

amount of CO2

5.000 t-CO₂

NTT Group business

Construction

Distribution of new

telephone directories

amount of CO₂ emissions

12.000

Amount recycled

t-CO₂

Delivery of new telephone directories 120 million directories

Operations

Length reused cable

Reuse

Recycle

2,010 km

57,000 tons

Recycling Amount of recycled old telephone directories

Recycled telecom and other equipment

19.2 million units

Individuals

Amount of waste Amount of CO₂ emissions

Amount of final waste disposal 777,000 tons 77,000 tons

3.05 million CO₂

* TPR (Total Power Revolution) campaign: see page 13.

Quantify the impacts our corporate activities have on the environment, and seek effective solutions to reduce those effects.

Awareness of the Environmental Effects of Our Business Activities

Web search 05

Suppliers

Manufacturers

Paper

ufacture

Procurement

Research and

Paper used for

printing telephone

directories 100

thousand

development

Transporting paper for

telephone directories

amount of CO2 emissions

2,800 t-CO2

With over 200,000 employees and massive scale operationsincluding physical distribution of procured goods and equipment, construction, operations, and provisioning of goods and services-NTT Group will inevitably have a major impact on the environment. We recognize three areas where our corporate activities impose an especially heavy burden: greenhouse gas emissions from network equipment supporting information and communication services, accumulation of waste in the form of used and decommissioned telecom equipment, and use of paper resources such as for telephone directories. We consume 0.8% of all electricity purchased nationally, produce 0.2% of the entire country's industrial waste, and use 0.3% of all the paper consumed in Japan.

In an effort to reduce our heavy burden on the environment in these three areas, the NTT Group has set concrete, measurable Action Plan Targets* to be achieved by 2010.

* Please see below for more information about the Action Plan Targets.

The specific targets for reducing environmental loads are defined in the "Principle Activity Targets for the NTT Group" (goals for 2010):

- Prevention of global warming: Reduce CO₂ emissions to less than the 1990 level.
- •Waste management: Reduce final disposal volume to less than 15% of the 1990 level.
- Paper resource management: Reduce total consumption of virgin pulp to less than 80% of the 1990 level.

For a review of the progress made so far as of 2003 toward achieving these targets, refer to the following pages:

- Prevention of global warming: see pages 13-14
- •Waste management: see pages 15-16
- Paper resource management: see page 17