# Content

# OThe FY2006 Status of the Environment OThe FY2006 Status of the Establishment of a Sound Material-Cycle Society

#### Part 1: Overview

Overview 1:	Accelerating Global Warming and Countermeasure Technologies
Chapter 1:	Accelerating Global Warming ·····2
Chapter 2:	Global Warming and Biodiversity
Section	1: Geological Activity and Biodiversity
Section	2: Crisis of Ecosystems 15
Section	3: Global Warming-Caused Changes in Ecosystems and its Impacts on Human Beings
Chapter 3:	Technologies to Support Measures for Mitigating Global Warming
Section	1: Transformation into a Sustainable Society
Section	2: Current Status of Countermeasures and the Contribution of Technologies
Section	3: Our Past Experiences to Overcome Environmental Problems with Technologies
Section	4: Global Warming Countermeasures ······ 33
Section	5: Visions of the Future Utilization of Global Warming Countermeasures
Conclu	sion: A Low-Carbon Society

# **Overview 2:** Technologies to Support a Sound Material-Cycle Society

## -Development of 3R and Waste Management Technologies-

Executive Summary	
Section 1: The Need for Global Promotion of the 3Rs and the Role of Japan's Technologies	
Section 2: Technologies for a Sound Material-Cycle Society	
Section 3: Policies and Measures to Promote the Development and Introduction of Technologies	
Section 4: Development of 3R and Waste Management Facilities and International Contributions	
in the Future ······ 106	

### Part 2:

Current Issues in Environmental Conservation and Formation of a Sound Material-Cycle Society, and Government Measures thereon

OMeasures on Environmental Conservation to be Implemented in FY2007
OMeasures on Formation of a Sound Material-Cycle Society to be Implemented in FY2007