

• **Title :** Development of a Waste Management Master Plan for Indonesia

• **Category :** Report

• **Country :** Indonesia

• **Source :** Korea Environmental Industry
& Technology Institute

• **URL :** <http://www.keiti.re.kr>

• **Summary**

- Project Title: Korea-Indonesia Joint Project
 - Large Field: International Joint Project
 - Medium Field: Long-Term Master Plan
 - Research Period: Jul. 01, 2008 ~ Apr. 30, 2009
 - Name of the Research & Development Task
 - Korean Name : 인도네시아 폐기물관리 종합계획 수립
 - English Name : Development of a Waste Management Master Plan for Indonesia
 - Specialized Agency: Korea Environmental Industry & Technology Institute
 - Principal Research Institute: Eco-Frontier Co., Ltd.
 - Content
 - This project was intended to promote the environmental industry exchanges between both countries by establishing a medium- and long-term Master Plan for National Waste Management for the sustainable development of Indonesia and create a cooperation basis for environmental industries and environmental technologies of both countries by developing a joint cooperation project in the waste sector.
 - First, investigation and analysis of the general status, environment management status and international cooperation status of Indonesia and the specific status of 6 local governments in Java Island in order to understand the general status and
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status of the waste sector of Indonesia.

- Second, a proposal of detailed contents of a waste management law which is proper for local standards of Indonesia and of a policy direction for waste management based on the waste laws and policies of Korea.
- Third, a proposal of Korea-Indonesia Joint Cooperation Project by classifying them into intergovernmental cooperation field, policy research field and project development field.

○ The Phased Implementation Plan for Indonesia's Waste Policy

Phase 1	Phase 2	Phase 3
<ul style="list-style-type: none"> • Establishment of a legal basis for a waste management system • Establishment of a role-sharing system for each economic agent • Spread of an autonomous waste recycling system led by producers • Preparation of a basis for a national waste statistical survey • Technology development for promotion of waste recycling 	<ul style="list-style-type: none"> • Legal system improvement related to the waste and classification system improvement • Establishment of an integrated waste management system • Full-scale promotion of waste management using an information system • Implementation of a reward and user charge system 	<ul style="list-style-type: none"> • Establishment of an information system • Establishment of an integrated waste management system • Establishment of waste management governance • Introduction of a new technology for waste treatment • Development and application of a waste management model corresponding to globalization and internationalization
Improvement of Role-Sharing for Waste Management	Establishment of Waste Management Infrastructure and System Improvement	Full-Scale Operation of New Waste Management System

○ Promotion Objectives of a Waste Management Policy for Each Sector

1. Waste Minimization	<ul style="list-style-type: none"> • Establishment of an EPR System • Establishment of an Electrical and Electronic Equipment Recovery System • Establishment of a Separate Collection System • Promotion of an Eco-Friendly Packaging System
2. Resource Recovery	<ul style="list-style-type: none"> • Establishment of a Basis for Energy Recovery from Waste

<p>of Waste</p>	<ul style="list-style-type: none"> • Promotion of Resource Recovery of Organic Waste including Recovery of Biogas • Promotion of Energy Recovery from Combustible Waste including RDF Production and Exclusive Power Generation
<p>3. Waste Safety Management.</p>	<ul style="list-style-type: none"> • Expansion of Waste Treatment Facilities considering Conditions of Each Area • Dioxin Management in Incinerating Facilities • Strengthening Standards for a Hazard Assessment, Collection, Treatment and Management System of Hazardous Waste
<p>4. Advancement of Waste Management</p>	<ul style="list-style-type: none"> • Legislation of Laws regarding Waste • Improvement of a Waste Classification System and Scientific Management • Promotion of Computerization and informatization of a Waste Management Process • Preparation of Measures for Responding to NIMBY Concerns