

== = = = =
ENVIRONMENTAL
== = = = =

**DECREE OF THE STATE MINISTER OF ENVIRONMENTAL AFFAIRS
NO. 3/2000 DATED FEBRUARY 21, 2000**

R E

**TYPES OF BUSINESSES AND/OR ACTIVITIES FOR WHICH AN ANALYSIS
ON ENVIRONMENTAL IMPACTS IS COMPULSORY**

THE STATE MINISTER OF ENVIRONMENTAL AFFAIRS

Considering : that to implement Government Regulation No. 27/1999 on the analysis on environmental impacts it is necessary to stipulate a decree of the State Minister of Environmental Impacts on the types of business and/or activities for which an analysis of environmental impacts shall be compulsory.

Bearing in mind :

1. Act No. 5/1990 on the conservation of biological natural resources and their ecosystem (State Gazette No. 49/1990; Supplement to State Gazette No. 3419);
2. Act No. 24/1992 on spatial layout designing (State Gazette No. 115/1992; Supplement to State Gazette No. 3501);
3. Act No. 23/1997 on environmental management (State Gazette No. 68/1997, Supplement to State Gazette No. 3699);
4. Act No. 22/1999 on regional administration (State Gazette No. 60/1999; Supplement to State Gazette No. 3839);
5. Government Regulation No. 27/1999 on an analysis of environmental impacts (State Gazette No. 59/1999; Supplement to State Gazette No. 3838);
6. Presidential Decree No. 355/M/1999 on the United Development Cabinet.

HAS DECIDED:

To stipulate : **THE DECREE OF THE STATE MINISTER OF ENVIRONMENTAL AFFAIRS ON THE TYPES OF BUSINESS AND/OR ACTIVITIES FOR WHICH AN ANALYSIS OF ENVIRONMENTAL IMPACTS IS COMPULSORY.**

FIRSTLY : The types of businesses and/or activities for which an analysis of environmental impacts is compulsory shall be as referred to in the attachment to this decree.

SECONDLY : If government agencies in charge of businesses and/or activities and/or provincial/regency/municipality administrations and/or the community deem

it necessary to propose the types of businesses and/or activities not set forth in the attachment to this decree, those concerned shall be obligated to submit a written proposal to the State Minister of Environmental Affairs.

- THIRDLY : The State Minister of Environmental Affairs will make a decision on the proposal as referred to in the second dictum.
- FOURTHLY : The types of businesses and/or activities for which an analysis of environmental impact is compulsory as referred to in the attachment to this decree shall be reviewed at least once in 5 (five) years.
- FIFTHLY : With the enforcement effectively of this decree, Decree of the State Minister of Environmental Affairs No. Kep-39/MENLH/11/1996 on the types of businesses or activities for which an analysis of environmental impact is compulsory shall be declared null and void.
- SIXTHLY : This decree shall take effect as from November 7, 2000.

Stipulated in Jakarta
On February 21, 2000

STATE MINISTER OF ENVIRONMENTAL AFFAIRS

sgd

DR. A. SONNY KERAF

ATTACHMENT

**DECREE OF THE STATE MINISTER OF ENVIRONMENTAL AFFAIRS
NUMBER ; 3 YEAR 2000 ; DATED; FEBRUARY 21, 2000**

NO.	TYPES OF BUSINESS/ACTIVITY PLAN	SIZE
I.	Mines and Energy Area	
	A. GENERAL MINING	
	1. Area for which license is given. Area of open land for mining	≥ 5000 Ha and or ≥ 100 Ha (cumulative/year * and or
	2. Production exploitation stage :	$\geq 1,200,000$ tons /years (* ROM) **
	a) Coal/peat	$\geq 1,000,000$ tons/ years (ROM)
	b) Primary ores	$\geq 1,200,000$ tons/ years (ROM)
	c) Secondary ores/Alluvia Sediment	
	d) Non-metal minerals or C-category minerals.	≥ 600.000 m ³ /th (ROM)
	e) Radioactive minerals, including processing, mining and refining.	All sizes
	f) Lead minerals, including processing, mining and refining.	All sizes
	3. Offshore mining.	All sizes
	4. Submarine Tailing Disposal	All sizes
	5. Are processing through cyanidization.	All sizes
	* To avoid too extensive land opening.	
	** Raw Of Material.	
	B. ELECTRICAL POWER	
	1. Transmission	≥ 150 KV
	2. Diesel-powered/gas-powered/steam- powered/gas- and-steam-powered power generating plants (PLTD/PLTG.PLTU/PLTGU)	≥ 100 MW
	3. Hydro-powered power generating plants (PLTA) with the height of the dam being.	≥ 15 m or
	4. PLTP.	≥ 200 Ha
	5. Nuclear-powered power generating plants.	≥ 55 MW
	6. Electrical power centers and other types.	All size
	C.NATURAL OIL AND GAS	≥ 5 MW
	1. Oil and gas exploitations and overland production development.	Oil field $\geq 5,000$ BOPD Gas field ≥ 30 MMSCFD
	2. Oil and gas exploitations and offshore production development.	Oil field $\geq 15,000$ Gas field ≥ 90 MMSCFD

NO.	TYPES OF BUSINESS/ACTIVITY PLAN	SIZE
II.	3. Oil and gas transmission (excluding piping in the field).	Overland and offshore \geq 100 km Diameter of the pipe \geq 20 inches.
	4. LNG/LPG Oil refineries (including auxiliary facilities).	Capacity of \geq 50 MMSCFD
	5. Oil refinery for used lubrication (including auxiliary facilities)	Capacity of \geq 10,000 tons/year.
	D. GEOLOGY OF ENVIRONMENTAL SYSTEM.	
	1. Collection of underground water (shallow-land wells or deep wells).	> 50 million/second (from 1 wells and 5 wells in an area of < 10 Ha for commercial purposes.
	INDUSTRY AND TRADE AREAS	
	1. Cement industry (produced through production of kinker).	All sizes
	2. Pulp industry or paper industry integrated with pulp industry.	All sizes (not including pulp from used paper and pulp from cultural paper industry.
	3. Upstream petrochemicals.	All sizes.
	4. Iron-and-steel-making industry, encompassing the making of iron and steel in basic form such as iron-ore pellets, sponge iron, pig iron, alloy, steel ingots, steel pallets, steel bloom and slab steel).	All sizes.
	5. Basic lead-making industry.	All sizes (including recycling industry).
	6. Basic copper (Cu) making/copper cathodes.	All sizes (Cu concentrate and used as raw material).
	7. Basic aluminum -making industry.	All sizes (the raw material is alumina)
	8. Industry estates.	All sizes (including integrated industrial compounds).

NO.	TYPES OF BUSINESS/ACTIVITY PLAN	SIZES
III	9. Dockyard industry under the graving dock system. 10. Aircraft manufacturer.	<p>\geq 4,000 DWT All sizes</p> <p>All sizes</p> <p>All sizes (using HG as the raw material)</p> <p>Capacity \geq 100,000 units/year.</p> <p>Area \geq 5 ha or the area of the building being 20,00 m²</p>
	11. Industry making weapons, munition and explosives. 12. Dry battery industry	
	13. Wet battery industry (electrical accumulator)	
	14. Relatively concentrated trade/shopping.	
	15. Miscellaneous industry activities.	
III	RE-SETTLEMENT AREA 1. Plan for development activities in resettled areas.	<p>Use of area: -Urban : Metropolitan \geq 10ha. Big cities \geq 20 ha. Small towns \geq 30 ha. -Rural \geq 50 ha.</p> <p>Scope: * SKP * Area \geq 4,500 ha</p>
	<u>Remarks :</u> General Resettlement Type (TU), Assisted Self-Initiated Resettlement (TSB) and Independent Self-Initiated Re-settlement (TSM) for all patterns of basic undertakings to be developed.	
IV	TOURISM AND ARTS AREAS. 1. Recreational parks. 2. Tourist areas.	
V	COMMUNICATIONS AREA 1. Railway-line network 2. Construction of stations. 3. Construction of underground railways. 4. Dredging of river lane for sailing	<p>\geq 100 ha All sizes.</p> <p>Length = 25 Km. Large, category and/or category I stations All sizes.</p>
	5. Harbors with one of the following facilities :	\geq 500,000 m ²

NO.	TYPES OF BUSINESS/ACTIVITY PLAN	SIZE
	a. a pier	\geq 200 m long or \geq 6,000 m ² in area with massive construction.
	b. a breakwater	\geq 200 m long.
	c. harbor's supporting infrastructure (terminals, warehouses, containers and so forth)	\geq 5 ha in area
	d. single mooring buoy.	For vessels weighing \geq 10,000 DWT.
6.	Dredging :	Volume of \geq 250.000 m ³
	a. Capital dredging	Volume of \geq 500.000 m ³
	b. Maintenance dredging.	\geq 25 ha in area or \geq 5,000,000 m ³ in volume
7.	Reclamation (land filling).	\geq 250,000 m ³ in volume.
8.	Activities for dumping of dredging outcome.	All sizes (Classes I up to V) and the result of a study of the master plan already approved.
9.	Construction of new airports and their facilities.	Classes I, II, III, on the basis of a development plan (master plan, spatial layout plan, etc.
10.	Development of airports and their facilities.	Moving \geq 500 families or appropriating land measuring \geq 100 ha, reclaiming coastal area of \geq 25 ha or \geq 10,000 m ³ in volume, Cutting off hills and encircling the land for an airport with a volume of 500,000 m ³ .
11.	Expansion of large airports and/or their facilities.	

NO.	TYPES OF BUSINESS/ACTIVITY PLAN	SIZE
	13. Dredging fishery harbor pool and or deep sailing lanes within the working sphere of a fishery harbor, and fulfilling the following criteria: - dredging volume - depth of dredging.	\geq 500,000 m ³ ; or \geq -4 M LWS
	13. Dredging/reclamation of coastal area within the working sphere of a fishery harbor.	\geq 25 ha in area
VI	DEFENSE AND SECURITY AREA	All sizes Classes A and B Classes A and B \geq 10,000 ha in area \geq 10,000 ha in area
VII	1. Construction of warehouse of central munition warehouse and regional munition warehouses.	
	2. Construction of naval bases 3. Construction of air bases. 4. War Exercise Center. 5. Shooting grounds for the army, the navy, the air force and the Indonesian Police.	All installations.
	NUCLEAR DEVELOPMENT AREA	Power of \geq 100 kW.
	1. Establishment and operating nuclear reactors : - capacity reactor (Nuclear-Powered Power Generating Plant. - research reactors.	Production \geq 50 tons of combustible materials/year.
	2. Construction and operation of non-reactor nuclear installations. - production of nuclear fuel.	Production \geq 100 tons of yellow cake/year
	- uranium processing and refining	All installations.
	- processing of radioactive waste.	Resource activities \geq 37,000 TBq (100,000 CI).
	- Indicator (Categories II up to IV)	All installations.
	- Radio-isotope production.	

NO.	TYPES OF BUSINESS/ACTIVITY PLAN	SIZE
VIII	AGRICULTURAL AREA	
	1. Rice field establishment in a forest area.	$\geq 1,500$ ha in area
	2. Cultivation of food crops and seasonal horticulture with or without the processing unit.	$\leq 10,000$ ha in area
	3. Cultivation of food crops and annual horticulture with or without the processing unit.	$\geq 10,000$ ha in area
	4. Cultivation of shrimp/fish-breeding ponds with or without the processing unit.	> 50 ha in area
	5. Plan for the construction of fishery infrastructure in the form of fishery harbors located outside the working sphere of general harbors and fulfilling the following criteria : - length of pier - having an area for fishery industry. - the depth of the water in the pier.	≥ 300 m; or ≥ 10 ha in area, or ≥ -4 m LWS
IX	FORESTRY AND PLANTATION AREA	
	1. Types of activities of development of forestry and plantations for which the analysis of environmental impacts is compulsory, are made up of :	All extents
	a. forest exploitation (HPH).	All extents
	b. sago forest exploitation (Sago HPH).	All extents
	c. bamboo forest exploitation (Bamboo HPH).	$\geq 10,000$ ha or $10,000$ ha with the location, however, bordering with protected areas.
	d. timber estate exploitation.	$\geq 4,500$ ha in area
	e. cultivation of seasonal plantation crops with or without the processing unit	$\geq 10,000$ ha in area
	f. cultivation of annual plantation plants with or without the processing unit.	

NO.	TYPES OF BUSINESS/ACTIVITY PLAN	SIZE
X	PUBLIC WORKS AREA	
	1. Construction of dam or reservoirs or other types of structure that may collect water : - height - or extent of the pool	≥ 15 m ≥ 200 ha
	2. Irrigation areas. a. new construction with an area of. b. promotion with additional extent. c. establishment of outer rice fields (per groups).	$\geq 2,000$ ha $\geq 1,000$ ha ≥ 500 m
	3. Swamp development. Swamp reclamation.	$\geq 2,000$ ha
	4. Construction of coastal breakwaters and improvement of river estuary with the length being calculated from a line perpendicular to the coastal line.	≥ 500 m
	5. Normalization of river and the construction of flood canals. a. Metropolitan city. - length - or, extent b. Medium-sized city, length c. Rural areas, length. d. Volume of river dredging and dumping activities.	≥ 10 Km ≥ 5 ha or ≥ 15 Km or ≥ 20 Km or $\geq 500,000$ m ³
	6. a. Construction of toll roads b. Construction of flyovers and subways.	All sizes 2 Km
	7. Construction and/or improvement of roads by broadening areas outside those belonging to the roads. a. metropolitan cities. - length. - or area. b. medium-sized cities - length. - or area. c. rural areas, length	≥ 10 km ≥ 10 ha ≥ 30 km ≥ 15 ha ≥ 50 km

NO.	TYPES OF BUSINESS/ACTIVITIES PLAN	SIZE
	8. Garbage	
	a. Dumping by means of controlled landfill/sanitary landfill, area of landfill.	≥ 40 Ha
	b. Final dumping site in tidal, area of landfill.	≥ 25 Ha
	c. Construction of transfer station with a capacity of	≥ 1,000 tons/day
	9. Construction of houses/residential areas	
	a. medium -sized cities and small towns, area.	≥ 200 ha
	b. large cities, area.	≥ 100 ha
	c. metropolitan cities, area	≥ 50 ha
	10.a. IPLT and/or IPAL with the area of pool being.	≥ 3 ha
	b. construction piping system for waste water, service area being.	≥ 500 ha
	11. Residential drainage.	
	a. Construction of drains in large/ metropolitan cities,	
	- width	≥ 5 km
	- or length	≥ 10 km
	b. Construction of drains in medium-sized cities.	
	- width	≥ 10 km
	- or length	≥ 15 km
	12. Clean water in large/metropoliran cities:	
	a. Construction of distribution networks, area of service.	≥ 1,500 ha
	b. construction of transmission networks, length.	≥ 25 km
	13. Collection of water from lakes, rivers, springs or other water sources.	
	- debit of collection.	≥ 500 liters/second
	CONTROL AREA	
	Hazardous and Toxic Materials	
	1. Collection, utilization, processing and/or land-filling of the waste of hazardous and toxic materials (B3) as main activities	All activities which are in the nature of providing services to and which are commercial and permanent in nature as well as managing various kinds of waste (not including small-scale activities like the collection of used lubricant, foul oil and slop oil as well as the utilization of tin and flux solder.

State Minister of Environmental Affairs

sgd

DR. A. SONNY KERAf
ooo000ooo