

(3) Vietnam EIA Projects List

No.	Type	Sizes
(1)	(2)	(3)
1.	Projects under competence to decide investment policies of the National Assembly; or competence to decide investment approval of the Government or the Prime Minister	All
2.	Projects using land of national parks, wildlife sanctuary, world heritage sites, biosphere reserves; projects using land of historic-cultural sites or national scenic beauties; Projects for deforestation; change in forest land uses; change in paddy land uses	All Forest or specialized forest area: at least 5 hectares Natural forest area: at least 10 hectares Other forest area: at least 50 hectares Paddy land changed into non-agricultural land area: at least 5 hectares
Construction projects		
3.	Construction projects for technical infrastructure of urban areas or residential areas	Area: at least 5 hectares
4.	Projects for new or renovated drainage system in urban areas or residential areas; dredging of canals, rivers, or lakes	Length of a project for new or renovated drainage system in urban areas or residential areas: at least 10 km; Dredged canals, rivers, or lakes area: at least 5 hectares; Total dredging volume: at least 50,000 m ³
5.	Construction projects for infrastructure of industrial parks, hi-tech zones, industrial complexes, export-processing zones, commercial zones, craft villages and other concentrated business areas	All

6.	Construction projects for supermarkets or shopping malls	Floor area: at least 10,000 m ²
7.	Construction projects for class 1 or class 2 markets in the cities or towns	All
8.	Construction projects for medical examination and treatment facilities and other health facilities	Scale: at least 50 beds
9.	Construction projects for tourist accommodation establishments or residential areas	Tourist accommodation establishment scale: at least 50 rooms; Residential area: at least 500 inhabitants or 100 households
10.	Construction projects for tourist resorts; sports, recreational centers or golf courses	Area: at least 10 hectares
11.	Construction projects for cemeteries or crematoria	Cemetery area: at least 20 hectares; All, regarding crematoria
12.	Construction projects for fighting works, military training centers, shooting ranges and defense ports; military depots; and defense-economic zones	All
13.	Construction projects for sea encroachment	Coastal boundary length: at least 1,000 m; or encroachment area: at least 5 hectares
14.	Construction projects for cement or clinker plants	All construction projects for cement plants Capacity: at least 100,000 metric tons of clinkers per year
15.	All construction projects for brick, roofing tile and fibro-cement sheet plants	Capacity: at least 100 million standard bricks or roofing tiles per year or 500,000 m ² of roofing fibro-cement sheets per year
16.	All construction projects for flooring and walling tiles	Capacity: at least 500,000 m ² per year
17.	Construction projects for construction supplies	Capacity: at least 50,000 metric tons of products per

	and materials	year
18.	Projects for asphalt, commercial concrete and other	Capacity: at least 100 metric tons of products per day
19.	Construction projects for underground or cable car traffic works	All, regarding underground traffic works; length of cable cars: at least 500 m
20.	Construction projects for automobile highways and automobile roads from class I to III; mountainous road class IV; railways, overhead railways	All, regarding automobile highways and automobile roads from class I to III; railways, overhead railways; Length of class IV mountainous roads: at least 50 km
21.	Construction projects for airports (runways, cargo terminals, passenger terminals)	All runways, passenger terminals; Capacity of cargo terminals: at least 200,000 metric tons of goods per year
22.	Construction projects for road bridges or rail bridges	Length: at least 500 m (excluding feeder roads)
23.	Construction projects for river and sea ports; asylum harbors; projects for dredging of navigable channels, inland waterway jet	River ports and seaports: Capable of receiving 1,000 DWT ships or larger; Asylum harbors: capable of receiving 1,000 DWT ships or larger Dredging: at least 50,000 m ³ per year
24.	Construction projects for car terminals or railway stations	Land area: at least 5 hectares
Projects for electronics, power and radioactivity		
25.	Construction projects for nuclear reactors; construction projects for nuclear power plants, or thermal power plants	All
26.	Construction projects for business facilities using radioactive substances or arising radioactive waste	All cases arising radioactive waste exceed permitted limit

27.	Construction projects for wind power plants, photo-electric power plants, hydroelectric plants	Wind power plant or photo-electric power plant area: at least 100 hectares Reservoir capacity: at least 100,000 m ³ of water Hydroelectric power plants capacity: at least 10 MW
28.	Construction projects for electricity transmission lines and power stations	Electricity transmission lines: at least 100 kV; Power stations capacity: at least 500 kW
29.	Projects for manufacture or processing of electrical or electronic equipment and electronic components	Electronic equipment, electrical or electronic components capacity: at least 500,000 products per year; Electrical equipment capacity: at least 500 metric tons of products per year
Projects for irrigation, forest extraction and cultivation		
30.	Construction projects for water reservoirs	Reservoir volume: at least 100,000 m ³
31.	Construction projects for irrigation and water supply and drainage works for agricultural, forestry and fishery production	Irrigation and water supply and drainage work area: at least 500 hectares
32.	Projects for dykes and sea and river embankments	Length: at least 1,000 m
33.	Project for forest extraction	Planted forests which are zoned production forests at least 200 hectares in area At least 50 hectares in area regarding natural production forests
34.	Projects for industrial crop zones; cattle feed crop zones; herbal ingredient crop zones; and consolidated zones for vegetable and flower plantation	Area: at least 50 hectares
Projects for mineral exploration, extraction and processing		
35.	Projects for extraction of sand, gravel, leveling materials	Crude sand or gravel: at least 50,000 m ³ of per year;

		Crude leveling materials: at least 100,000 m ³ of per year;
36.	Projects for solid mineral extraction (not using toxic chemicals, industrial explosives)	Mineral or earth and stone waste: at least 50,000 m ³ per year; Mineral or earth and stone waste: at least 1,000,000 m ³ ;
37.	Projects for exploration of rare earth, radioactive minerals; projects for extraction and processing of solid minerals using harmful chemicals or industrial explosives; projects for processing and refining of non-ferrous metals, radioactive metals, rare earth	All
38.	Projects for processing of solid minerals not using harmful chemicals	Capacity: at least 50,000 m ³ of products per year; Earth and stone waste volume: at least 500,000 m ³ of per year
39.	Projects for water extraction for business and domestic purposes	Ground water capacity: at least 3,000 m of water per day and night; Surface water capacity: at least 50,000 m ³ of water per day and night;
40.	Projects for extraction of mineral water, natural hot water (underground or on the surface)	Bottled water capacity: at least 200 m ³ of water per day and night; Other water capacity: at least 500 m ³ of water per day and night;
41.	Projects for sorting and enrichment of rare earth and radioactive minerals	Capacity: at least 500 metric tons of products per year
Projects for oil and gas		
42.	Project for oil and gas extraction	All
43.	Construction projects for oil refineries (except those on LPG filling and lubricant preparation);	All construction projects for oil refineries plants (except those on LPG filling and lubricant

	petrochemical, drilling fluid, or petrochemistry preparation); petrochemical, drilling fluid, or plants; construction projects for oil and gas petrochemistry plants: capable of at least 500 metric pipelines; construction projects for oil and gas tons of products per year; or construction projects for transit centers oil and gas pipelines: capable of at least 20 km of pipelines; All construction projects for oil and gas transit centers	
44.	Construction projects for petroleum depots and shops	Storing volume: at least 200 m³
Projects for waste treatment		
45.	Construction projects for recycling and treating solid waste and/or hazardous waste plants	All regarding hazardous waste; Normal solid waste capacity: at least 10 metric tons per day
46.	Construction projects for urban or industrial sewage treatment system	All
Projects for engineering and/or metallurgy		
47.	Construction projects for metallurgy plants	All, regarding projects using scraps as materials; Projects using other material capacity: at least 1.000 metric tons of products per year
48.	Construction projects for metal rolling mills	Capacity: at least 2.000 metric tons of products per year
49.	Construction projects for shipyards	Capable of receiving 1,000 DWT ships or larger
50.	Construction projects for container and trailer manufacturing and repairing plants	Capable for producing at least 500 containers or trailers per year Capable for repairing at least 2.500 containers or trailers per year
51.	Construction projects for locomotives and compartments building, repairing and assembling plants	All

52.	Construction projects for motorbike and automobile manufacturing and assembling plants	Capacity: at least 5,000 motorbikes per year; Capacity: at least 500 automobiles per year
53.	Construction projects for machinery and tool machinery manufacturing plants	Capacity: at least 1,000 metric tons of products per year
54.	Construction projects for metal plating, coating and polishing plants	Capacity: at least 500 metric tons of products per year
55.	Construction projects for formed aluminum manufacturing plants	Capacity: at least 2,000 metric tons of products per year
56.	Construction projects for weapon, military supplies and technical equipment manufacturing and repairing plants	All
Projects on timber processing and glass, ceramic and china manufacture		
57.	Construction projects for timber, woodchips of natural timber processing mills	Capacity: at least 3,000 m ³ of products per year;
58.	Construction projects for plywood plants	Capacity: at least 100,000 m ² per year
59.	Construction projects for wood product plants	Depot area: at least 10,000 m ²
60.	Construction projects for glass, ceramic and china plants	Capacity: at least 1,000 metric tons of products per year or at least 10,000 products per year
61.	Construction projects for bulb and thermos plants	Capacity: at least 1,000,000 products per year
Projects for food manufacturing and processing		
62.	Construction projects for food pre-processing or processing establishments	Capacity: at least 500 metric tons of products per year
63.	Construction projects for slaughterhouses	Capacity: at least 200 livestocks per day; 3,000 poultries per day
64.	Construction projects for aquatic product, fish paste, aquatic by-product processing establishments	Capacity: at least 100 metric tons of products per year
65.	Construction projects for sugar mills	Capacity: at least 10,000 metric tons of sugar per year

66.	Construction projects for alcohol and spirit breweries	Capacity: at least 500,000 liters of products per year
67.	Construction projects for beer and beverage breweries	Capacity: at least 10,000,000 liters of products per year
68.	Construction projects for monosodium glutamate plants	Capacity: at least 5.000 metric tons of products per year
69.	Construction projects for milk manufacturing and processing plants	Capacity: at least 10.000 metric tons of products per year
70.	Construction projects for oil manufacturing and processing plants	Capacity: at least 10.000 metric tons of products per year
71.	Construction projects for confectionary makers	Capacity: at least 5.000 metric tons of products per year
72.	Construction projects for refined water and bottled refined water plants	Capacity: at least 2.000 m ³ of water per year
Projects for farm product processing		
73.	Construction projects for cigarette plants or tobacco ingredients processing plants	Capacity: at least 100.000.000 cigarettes per year; Capacity: at least 1.000 metric tons of tobacco ingredients per year
74.	Construction projects for farm product or starch manufacturing and processing establishments	Manufacturing and processing of dried products : at least 10.000 metric tons of products per year Manufacturing and processing of fresh products: at least 1.000 metric tons of products per year
75.	Construction project for tea, cashew nut, cocoa, coffee, and/or peppercorn processing establishments	Dry manufacturing and processing Capacity: at least 5.000 metric tons of products per year Wet manufacturing and processing capacity: at least 1.000 metric tons of products per year
Groups of projects for animal husbandry and animal feed processing		
76.	Construction projects for animal feed processing establishments	Capacity: at least 1.000 metric tons of products per year

77.	Construction projects for aquaculture establishments	Water surface area: at least 10 hectares; extensive farming project area: at least 50 hectares
78.	Construction projects for livestock and poultry husbandry establishments; wild animal raising and caring establishments	Livestock and poultry husbandry area: at least 1,000 m ² Wild animal husbandry area: at least 500 m ²
Projects for fertilizer and plant protection product production		
79.	Construction projects for fertilizer plants	Capacity: at least 1.000 metric tons of products per year
80.	Projects for fertilizer and plant protection product warehouses	Plant protection product warehouses capacity: at least 500 metric tons and fertilizer warehouses: at least 5,000 metric tons
81.	Projects for plant protection product plants	All
82.	Projects for plant protection product bottling or packing establishments	Capacity: at least 300 metric tons of products per year
83.	Construction projects for organic or micro-bio fertilizer plants	Capacity: at least 10.000 metric tons of products per year
Projects for chemicals, pharmaceuticals and cosmetics		
84.	Construction projects for pharmaceutical or veterinary drug plants; production projects for medicinal materials (including medicinal chemistry and excipient materials)	All, regarding vaccine production Veterinary drugs, medicinal materials capacity (including medicinal chemistry and excipient materials): at least 50 metric tons of products per year
85.	Construction projects for cosmetics plants	Capacity: at least 50 metric tons of products per year
86.	Construction projects for chemical, plastic, plastic-based product or paint-based product plants	Capacity: at least 100 metric tons of products per year
87.	Construction projects for plastic product or plastic bead plants	Capacity: at least 1.000 metric tons of products per year
88.	Construction projects for detergent and additive	Capacity: at least 1.000 metric tons of products per year

	plants	year
89.	Projects for plant protection discharge substance, explosive and fire device plants	All
90.	Construction projects for industrial explosive plants; fixed explosive warehouses; chemical warehouses	All industrial explosive plants; fixed explosive warehouses capable for storing at least 5 metric tons of products Chemical warehouse capacity: at least 500 metric tons
91.	Construction projects for salterns	Area: at least 100 hectares
Projects for paper and stationery production		
92.	Construction projects for paper pulp and paper from raw materials plants	Capacity: at least 300 metric tons of products per year
93.	Construction projects for paper or carton packaging from paper pulp or scrap plants	Capacity: at least 5.000 metric tons of products per year
94.	Construction projects for stationery plants	Capacity: at least 1.000 metric tons of products per year
Projects for textiles, dyeing and garment		
95.	Construction projects for weaving or dye-weaving establishments	All
96.	Construction projects for non-dye weaving establishments	Capacity: at least 10,000,000 m ² of fabrics per year
97.	Construction projects for textile and garment manufacturing and processing plants	Capacity: at least 50,000 products per year for those involving the washing and bleaching process Capacity: at least 2,000,000 products per year for those not involving the washing and bleaching process
98.	Construction projects for industrial washing and laundering	At least 50,000 products per year
99.	Production projects for silk and synthetic fibers	At least 1.000 metric tons of products per year

Other projects		
100.	Construction projects for old ship demolition or clean-ship plants	All
101.	Construction projects for oil rubber and latex processing plants	Capacity: at least 1.000 metric tons of products per year
102.	Construction projects for medical product and equipment from medical plastics and rubber plants	Capacity: at least 100,000 products per year
103.	Construction projects for footwear plants	Capacity: at least 1.000.000 pairs per year
104.	Construction projects for rubber tires and tubes plants	Capacity of rubber tires and tubes of automobiles or tractors: at least 50,000 products per year; capacity of bikes or motorbikes: at least 100,000 products per year
105.	Construction projects for printing ink and other printing material plants	Printing ink capacity: at least 500 metric tons of per year and printing material capacity: 1,000 products per year
106.	Construction projects for battery and cell factories	Capacity: at least 50,000 kWh per year or at least 100 metric tons of products per year
107.	Construction projects for tanning establishments	All
108.	Construction projects for manufacturing CO ₂ gas, filling and liquefying gases, manufacturing industrial gas	Capacity: at least 3.000 metric tons of products per year
109.	Projects for relocation	At least 300 households
110.	Projects for yards for raw materials, scrap	Area: at least 1 hectares
111.	Projects not listed from Nos.1 thru 100 at least 500 m ³ of industrial wastewater per day and night or at least 200,000 m ³ of exhaust per hour or at least 5 metric tons of solid waste per day and night	All
112.	Projects for renovation, expansion, upgrading and capacity increase	Scale and capacity equivalent to the projects from Nos. 1 thru 110

113.	Projects having work items with size and capacity up to the level of projects listed from Nos. 1 thru 110 of this Appendix	All
------	--	-----