

## ANNEX I

### ILLUSTRATIVE LIST OF CATEGORY A PROJECTS

The following is an illustrative list containing examples of the types of new projects and major expansion projects that may be classified as Category A. Classification is undertaken in accordance with the potential environmental and/or social impacts of each project.

1. Crude oil refineries (excluding undertakings manufacturing only lubricants from crude oil) and installations for the gasification and liquefaction of 500 tons or more of coal or bituminous shale per day.
2. Thermal power stations and other combustion installations (including cogeneration) with a heat output of not less than 300 megawatts (equivalent to a gross electrical output of 140 MWe for steam and single cycle gas turbines power stations) and nuclear power stations and other nuclear reactors, including the dismantling or decommissioning of such power stations or reactors (except research installations for the production and conversion of fissionable and fertile materials, whose maximum power does not exceed 1 kilowatt continuous thermal load).
3. Installations designed for the production, or enrichment of nuclear fuels, the reprocessing, storage or final disposal of irradiated nuclear fuels, or for the storage, disposal or processing of radioactive waste.
4. Integrated works for the initial smelting of cast-iron and steel, *e.g.* installations for the production of primary steel by blast furnace route or direct reduction; installations for the production of non-ferrous crude metals from ore, concentrates or secondary raw materials by metallurgical, chemical or electrolytic processes.
5. Installations for the extraction of asbestos and for the processing and transformation of asbestos and products containing asbestos: for asbestos-cement products, with an annual production of more than 20 000 tons finished product; for friction material, with an annual production of more than 50 tons finished product; and for other asbestos utilization, of more than 200 tons per year.
6. Installations for the manufacture and/or recovery of chemicals (including but not limited to petrochemicals, fertilizers, pesticides & herbicides, health care products, detergents, paints, adhesives, agro-chemicals, pharmaceuticals, explosives) on an industrial scale using physical, chemical and/or bio-chemical processes and for large scale distribution of such chemicals *via* pipelines/terminals and associated facilities.
7. Construction of airports with a basic runway length of 2 100 meters or more.
8. Construction of motorways and express roads.
9. Construction of a new road, or realignment and/or widening of an existing road, where such new road, or realigned and/or widened section of road, would be 10 km or more in a continuous length.
10. Construction of railway lines that go beyond urban areas and of long-distance railway lines.
11. Sea ports and also inland waterways and ports for inland-waterway traffic which permit the passage of vessels of over 1 350 tons; trading ports, piers for loading and unloading connected to land and outside ports (excluding ferry piers) which can take vessels of over 1 350 tons.
12. Waste-processing and disposal installations for the incineration, chemical treatment or landfill of hazardous, toxic or dangerous wastes.
13. Large dams and other impoundments designed for the holding back or permanent storage of water.
14. Groundwater abstraction activities or artificial groundwater recharge schemes in cases where the annual volume of water to be abstracted or recharged amounts to 10 million cubic meters or more.
15. Industrial plants for the production of pulp, paper and board from timber or similar fibrous materials.
16. Operations that involve large-scale extraction, *via* underground or open-pit mining, solution mining, or marine or riverine operations to obtain precious metals, base metals, energy and industrial minerals, or construction materials. It may also include the processing of the extracted material.

17. Greenfield cement plants where the project includes a greenfield quarry.
18. Large scale oil, gas, or liquefied natural gas development that may include any or all of:
  - exploration (seismic and drilling);
  - field development and production activities;
  - transport activities, including pipelines/terminals, pump stations, pigging stations, compressor
  - stations and associated facilities; or
  - gas liquefaction facilities.
19. Installations for storage of petroleum, petrochemical, or chemical products with a capacity of 200 000 tons or more.
20. Large-scale logging.
21. Municipal wastewater treatment plants with a capacity exceeding 150 000 population equivalent.
22. Municipal solid waste-processing and disposal facilities.
23. Large-scale tourism and retail development.
24. Construction of overhead electrical power transmission lines with a length of 15 km or above and a voltage of 110 kV or above.
25. Large-scale land reclamation.
26. Large-scale primary agriculture/forestry involving intensification or conversion of natural habitats.
27. Plants for the tanning of hides and skins where the treatment capacity exceeds 12 tons of finished products per day.
28. Installations for the intensive rearing of poultry or pigs with more than: 40 000 places for poultry; 2 000 places for production pigs (over 30 kg); or 750 places for sows.
29. Projects which are planned to be carried out in sensitive locations or are likely to have a perceptible impact on such locations, even if the project category does not appear in the above list. Such sensitive locations include National Parks and other protected areas identified by national or international law, and other sensitive locations of international, national or regional importance, such as wetlands, forests with high biodiversity value, areas of archaeological or cultural significance, and areas of importance for indigenous peoples or other vulnerable groups.
30. Projects involving land acquisition and involuntary resettlement of a significant number of affected people.

**ILLUSTRATIVE LIST OF CATEGORY B<sup>1</sup> PROJECTS****1. AGRICULTURE, SILVICULTURE AND AQUACULTURE**

- (a) Projects for the restructuring of rural land holdings;
- (b) Projects for the use of uncultivated land or semi-natural areas for intensive agricultural purposes;
- (c) Water management projects for agriculture, including irrigation and land drainage projects;
- (d) Initial afforestation and deforestation for the purposes of conversion to another type of land use;
- (e) Intensive livestock installations (projects not included in Category A);
- (f) Intensive fish farming;
- (g) Reclamation of land from the sea.

**2. EXTRACTIVE INDUSTRY**

- (a) Quarries, open-cast mining and peat extraction (projects not included in Category A);
- (b) Underground mining;
- (c) Extraction of minerals by marine or fluvial dredging;
- (d) Deep drillings, in particular:
  - (i) geothermal drilling;
  - (ii) drilling for the storage of nuclear waste material;
  - (iii) drilling for water supplies;with the exception of drillings for investigating the stability of the soil;
- (e) Surface industrial installations for the extraction of coal, petroleum, natural gas and ores, as well as bituminous shale.

**3. ENERGY INDUSTRY**

- (a) Industrial installations for the production of electricity, steam and hot water (projects not included in Annex I);
- (b) Industrial installations for carrying gas, steam and hot water; transmission of electrical energy by overhead cables (projects not included in Category A);
- (c) Surface storage of natural gas;
- (d) Underground storage of combustible gases;
- (e) Surface storage of fossil fuels;
- (f) Industrial briquetting of coal and lignite;
- (g) Installations for the processing and storage of radioactive waste (unless included in Category A);
- (h) Installations for hydroelectric energy production;
- (i) Installations for the harnessing of wind power for energy production (wind farms);
- (j) Installations for the capture of CO<sub>2</sub> streams for the purposes of geological storage pursuant to Directive 2009/31/EC from installations not covered by Category A.

**4. PRODUCTION AND PROCESSING OF METALS**

- (a) Installations for the production of pig iron or steel (primary or secondary fusion) including continuous casting;
- (b) Installations for the processing of ferrous metals:
  - (i) hot-rolling mills;
  - (ii) smitheries with hammers;
  - (iii) application of protective fused metal coats;
- (c) Ferrous metal foundries;

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<sup>1</sup> Accordingly to the Directive 2011/92/EU of the European Parliament and of the Council of 13 December 2011 on the assessment of the effects of certain public and private projects on the environment

- (d) Installations for the smelting, including the alloyage, of non-ferrous metals, excluding precious metals, including recovered products (refining, foundry casting, etc.);
- (e) Installations for surface treatment of metals and plastic materials using an electrolytic or chemical process;
- (f) Manufacture and assembly of motor vehicles and manufacture of motor-vehicle engines;
- (g) Shipyards;
- (h) Installations for the construction and repair of aircraft;
- (i) Manufacture of railway equipment;
- (j) Swaging by explosives;
- (k) Installations for the roasting and sintering of metallic ores.

#### **5. MINERAL INDUSTRY**

- (a) Coke ovens (dry coal distillation);
- (b) Installations for the manufacture of cement;
- (c) Installations for the production of asbestos and the manufacture of asbestos products (projects not included in Annex I);
- (d) Installations for the manufacture of glass including glass fibre;
- (e) Installations for smelting mineral substances including the production of mineral fibres;
- (f) Manufacture of ceramic products by burning, in particular roofing tiles, bricks, refractory bricks, tiles, stoneware or porcelain.

#### **6. CHEMICAL INDUSTRY (PROJECTS NOT INCLUDED IN Category A)**

- (a) Treatment of intermediate products and production of chemicals;
- (b) Production of pesticides and pharmaceutical products, paint and varnishes, elastomers and peroxides;
- (c) Storage facilities for petroleum, petrochemical and chemical products.

#### **7. FOOD INDUSTRY**

- (a) Manufacture of vegetable and animal oils and fats;
- (b) Packing and canning of animal and vegetable products;
- (c) Manufacture of dairy products;
- (d) Brewing and malting;
- (e) Confectionery and syrup manufacture;
- (f) Installations for the slaughter of animals;
- (g) Industrial starch manufacturing installations;
- (h) Fish-meal and fish-oil factories;
- (i) Sugar factories.

#### **8. TEXTILE, LEATHER, WOOD AND PAPER INDUSTRIES**

- (a) Industrial plants for the production of paper and board (projects not included in Category A);
- (b) Plants for the pre-treatment (operations such as washing, bleaching, mercerisation) or dyeing of fibres or textiles;
- (c) Plants for the tanning of hides and skins;
- (d) Cellulose-processing and production installations.

#### **9. RUBBER INDUSTRY**

Manufacture and treatment of elastomer-based products.

#### **10. INFRASTRUCTURE PROJECTS**

- (a) Industrial estate development projects;
- (b) Urban development projects, including the construction of shopping centres and car parks;
- (c) Construction of railways and intermodal transshipment facilities, and of intermodal terminals (projects not included in Annex I);

- (d) Construction of airfields (projects not included in Category A);
- (e) Construction of roads, harbours and port installations, including fishing harbours (projects not included in Category A);
- (f) Inland-waterway construction not included in Annex I, canalisation and flood-relief works;
- (g) Dams and other installations designed to hold water or store it on a long-term basis (projects not included in Category A);
- (h) Tramways, elevated and underground railways, suspended lines or similar lines of a particular type, used for passenger transport
  - (i) Oil and gas pipeline installations and pipelines for the transport of CO<sub>2</sub> streams for the purposes of geological storage (projects not included in Category A);
- (j) Installations of long-distance aqueducts;
- (k) Coastal work to combat erosion and maritime works capable of altering the coast through the construction, for example, of dykes, moles, jetties and other sea defence works, excluding the maintenance and reconstruction of such works;
- (l) Groundwater abstraction and artificial groundwater recharge schemes not included in Category A;
- (m) Works for the transfer of water resources between river basins not included in Category A.

### **11. OTHER PROJECTS**

- (a) Permanent racing and test tracks for motorised vehicles;
- (b) Installations for the disposal of waste (projects not included in Category A);
- (c) Waste-water treatment plants (projects not included in Category A);
- (d) Sludge-deposition sites;
- (e) Storage of scrap iron, including scrap vehicles;
- (f) Test benches for engines, turbines or reactors;
- (g) Installations for the manufacture of artificial mineral fibres;
- (h) Installations for the recovery or destruction of explosive substances;
- (i) Knackers' yards.

### **12. TOURISM AND LEISURE**

- (a) Ski runs, ski lifts and cable cars and associated developments;
- (b) Marinas;
- (c) Holiday villages and hotel complexes outside urban areas and associated developments;
- (d) Permanent campsites and caravan sites;
- (e) Theme parks.

### **13. OTHER**

- (a) Any change or extension of projects listed in Annex I or this Annex, already authorised, executed or in the process of being executed, which may have significant adverse effects on the environment (change or extension not included in Annex I);
- (b) Projects in Annex I, undertaken exclusively or mainly for the development and testing of new methods or products and not used for more than two years.