

No.	Project Country	Project Sector	Project Finance	Amount Officially Supported (EUR million) in Value Categories: I = ≤ 15 II = >15 <50 III = >50 < 100 IV = > 100 < 200 V = > 200 mio.	Brief description of capital goods and/or services	Other ECAs involved:	Project Category	The project complied with Host Country Standards:	International Benchmark Standards (and specific benchmark guidelines)	Did project met International Standards against which it was benchmarked ?	If project does not meet the international standards against which it has been benchmarked, please justify the standards applied	Key environmental factors taken into consideration:	Ex ante disclosure of project information at least 30 calendar days before a final commitment:	Ex ante disclosure of environmental impact information at least 30 calendar days before a final commitment:
1	Russian Federation	Rail Transport	No	Cat. II	Euler Hermes received two applications for this project. Engineering and Delivery of a paint shop for railway carriages; Engineering and Delivery of a vacuum production plant for moulds.	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines, IFC EHS Guidelines for Foundries	Yes		Land use, emissions, effluents		
2	Russian Federation	Basic Metal Industries	No	Cat. II	Engineering and delivery of an electric arc furnace, ladle furnace, de-dusting plant and slab casting plant.	Yes	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines and IFC EHS Guidelines for Integrated Steel Mills.	Yes		Emissions, effluents		
3	Russian Federation	Transport Equipment Industry	No	Cat. II	Paint finishing system for an automobile production plant	No	B	Yes	WB Safeguard Policies, EU Noise Protection Standards, TA Luft (Technical Directive Air Quality, Germany); Wasserhaushaltsgesetz (WHG, water resources act), German Guideline TA Lärm (Technical Directive on Noise, Germany); IFC EHS Guidelines for Metals, Plastics and Rubber Manufacturing	Yes		site, emissions, waste water, solid waste, noise		
4	Belarus	Chemicals	No	Cat. II	Engineering and delivery of a Polyamide (PA6) pellets plant	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines, IFC EHS Guidelines for Petroleum-based Polymers Manufacturing	Yes		Emissions, safe use of chemicals		
5	Ukraine	Forest Industries	No	Cat. II	Supply of a Medium Density Fiberboard Production-line	No	B	Yes	WB Safeguard Policies; IFC EHS Guidelines Board and Particle-Based Products	Yes		emissions, social and cultural impacts, noise, waste and effluents, raw material sourcing		

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6	United Arab Emirates	Gas-Fired Power Plants	No	Cat. V	Engineering and delivery of equipment for the construction of a new power plant, a desalination plant and modernisation of existing power plants and transformer stations. (mainly gas turbines, sub-stations and control systems)	Yes	A	Yes	WB Safeguard Policies; IFC EHS General Guidelines, IFC EHS Guidelines for Thermal Power Plants	Yes		Site, emissions, ambient air quality, effluents, noise, increase of ambient water temperature, grid connection, waste management, social aspects	Yes	Yes
7	India	Basic Metal Industries	No	Cat. II	Delivery and engineering of a Compact Strip Plant (CSP).	No	A	Yes	WB Safeguard Policies; IFC EHS General Guidelines, IFC EHS Guidelines for Integrated Steel Mills	Yes		site, social aspects, emissions, ambient air quality, effluents, waste-management, noise	Yes	Yes
8	Russian Federation	Radio / Television / Print Media	No	Cat. II	reel-fed offset printing unit for newspapers	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines; IFC EHS Guidelines for Printing	Yes		site; air emissions; effluents; noise		
9	Russian Federation	Basic Metal Industries	No	Cat. V	Construction and delivery of a cold rolling mill.	Yes	B	Yes	WB Safeguard Policies; directive 2006/42/EG; TA Luft (Technical Directive Air Quality, Germany); IFC EHS General Guidelines, IFC EHS Guidelines for Integrated Steel Mills	Yes		site; emissions; effluents; waste-management; noise		
10	Argentina	Agro-Industries	No	Cat. II	malting equipment (roasting kiln; malthouse tower)	No	B	Yes	WB Safeguard Policies; IFC EHS Guidelines for Food and Beverage Processing, IFC EHS General Guidelines	Yes		waste water, water use, emissions to air, working safety, raw material, site, noise		
11	Russian Federation	Basic Metal Industries	No	Cat. V	Engineering and delivery of several goods linked with the modernisation of an existing steel plant in Lipetsk, Russia, e.g. ladle furnaces, hood-type furnaces, degassing equipment, polymer coating plant, cutting line, reversing mill (rolling plant).	Yes	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines, IFC EHS Guidelines for Integrated Steel Mills	Yes		emissions, effluents, ambient air quality, increase of capacity		

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12	Russian Federation	Gas-Fired Power Plants	No	Cat. III	Delivery of a gas- and steam turbine and a generator	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines; IFC EHS Guidelines for Thermal Power Plants	No	Stack emissions complied with IFC standards, but ambient air quality partially exceeded standards for NOx. Pre-project background level was already very high and for some measuring points (next to roads) above standards, e.g. yearly average 60 µg/m³ (standard 40 µg/m³). 1-h-average complied with standard, prediction that air quality will still comply with standard after expansion project. Contribution of power plant extension was calculated to be less than 1 % of total pollution. For situations in which exceedance of standards are expected, regulations from local authority are foreseen to reduce emissions (e.g. limiting production rate). Additionally: it is envisaged to run the less polluting extension units (more modern technologies) predominantly, thus only at times with very high energy demand the 'old' units would be utilised to a degree needed to meet demand.	emissions to air, ambient air quality, contribution of existing power plants and planned extensions of PPs on air quality;		
13	Russian Federation	Gas-Fired Power Plants	No	Cat. III	Delivery of a gas- and steam turbine and a generator	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines; IFC EHS Guidelines for Thermal Power Plants	No	Stack emissions complied with IFC standards, but ambient air quality partially exceeded standards for NOx. Pre-project background level was already very high and for some measuring points (next to roads) above standards, e.g. yearly average 44 and 48 µg/m³ (standard 40 µg/m³). 1-h-average complied with standard, prediction that air quality will still comply with standard after expansion project. Contribution of power plant extension was calculated to be less than 2 % of total pollution. For situations in which exceedance of standards are expected, regulations from local authority are foreseen to reduce emissions (e.g. limiting production rate). Additionally: it is envisaged to run the less polluting extension units (more modern technologies) predominantly, thus only at times with very high energy demand the 'old' units would be utilised to a degree needed to meet demand.	emissions to air, ambient air quality, contribution of existing power plants and planned extensions of PPs on air quality;		

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14	Turkey	Wind Power	No	Cat. III	Delivery of 36 wind turbines with a capacity of 2.5 MW each	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines, IFC EHS Guidelines for Wind Energy	Yes		Land use, noise, reduction of CO2 emissions		
15	Romania	Wind Power	No	Cat. V	Engineering and delivery of 139 wind turbines (each of 2.5 MW)	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines, IFC EHS Guidelines for Wind Energy			Land use, noise, cast shadow, reduction of CO2 emissions		
16	Chinese Taipei	Wind Power	Yes	Cat. II	Engineering and delivery of 34 windmills with a capacity of 2.3 MW each	No	B	Yes	IFC Performance Standards	Yes		Land use, noise, reduction of CO2 emissions		
17	Israel	Power Generation / Non-Renewable Sources	No	Cat. IV	Engineering and delivery of 3 Open Cycle Gas Turbines	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines, IFC EHS Guidelines for Thermal Power Plants	Yes		Emissions, effluents		
18	Turkey	Wind Power	No	Cat. III	Supply and construction of 36 wind turbines with a capacity of 2.5 MW each. A transmission line of 18km length will also be erected to connect the windpark to the grid.	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines; IFC EHS Guidelines for Wind Energy	Yes		noise, social and cultural impacts, emissions, shadow flicker		
19	Belarus	Forest Industries	No	Cat. II	Supply of a particle board production line	No	B	Yes	WB Safeguard Policies; directive 2006/42/EG; TA Luft (Technical Directive Air Quality, Germany); IFC EHS General Guidelines; IFC EHS Guidelines for Board and Particle-Based Products	Yes		Site; Raw material sourcing; Effluents; Waste; Emissions; Noise		

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20	Mexico	Basic Metal Industries	No	Cat. IV	Engineering and delivery of a hot rolling mill for seamless tubes	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines, IFC EHS Guidelines for Integrated Steel Mills	Yes		Emissions; Wastewater; Land use; Noise		
21	Dominican Republic	Power Generation / Renewable Sources	No	Cat. II	Delivery of a tunnel driving machine. The machine is being used to drill a 13.5 km tunnel connecting the reservoir/dam area with the power house	No	A	Yes	WB Safeguard Policies; Natural Habitat, Safety on Dams, Cultural Heritage	Yes		impacts on flora, fauna and sensitive areas; water quality in reservoir, impacts on downstream ecosystems, safety and emergency response plans, resettlement and expropriation, information and consultation of/with affected people, economic development, improved infrastructure, mitigation measures (EMP),	Yes	Yes
22	Canada	Radio / Television / Print Media	No	Cat. III	Delivery and start-up of five printing machines in four different locations	No	B	Yes	WB Safeguard Policies; IFC EHS Guidelines for Printing; IFC EHS General Guidelines	Yes		emissions (air, water, noise), post-combustion at dryers, use of VOC-free chemicals		
23	Belarus	Transport Equipment Industry	No	Cat. III	Engineering and Delivery of a gear shaft and gear wheels production line.	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines, IFC EHS Guidelines for Metal, Plastic and Rubber Products Manufacturing	Yes		Effluents, Improvement of environmental performance due to reduction of current wastewater quantity; Emissions; Noise		
24	Azerbaijan	Wind Power	No	Cat. III	delivery, installation and commencement of a wind park	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines, IFC EHS Guidelines for Wind Energy	Yes		Land use, noise, reduction of CO2 emissions, waste, Health & Safety		
25	Belarus	Forest Industries	No	Cat. II	Plant for the production of MDF-boards as well as plant for coating MDF-boards	No	B	Yes	WB Safeguard Policies; IFC EHS Guidelines for Board and Particle-Based Products, IFC EHS General Guidelines	Yes		Site; Raw material sourcing; Emissions; Waste water; Improvement of the current environmental performance (avoiding the current effluents linked to the old production line)		

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26	South Africa	Power Generation / Non-Renewable Sources	No	Cat. V	Turnkey supply of boiler plants and further plants for 6 coal-fired power plant units with a capacity of 794 MW each, therefore 4764 MW in total. Services will include engineering, manufacturing, transport, assembling and commissioning.	Yes	A	Yes	PPAH for Thermal Power Plants (Project reviewed in 2007)	No	The project did not meet the SO2-Emission benchmark of PPAH for Thermal Power Plants in case FGD-technology was not installed. At the moment of final commitment it was not yet decided whether FGD-technology would be installed or not. Euler Hermes accepted the project even without this technology although the SO2-Emission would be above the PPAH threshold, for the following justified reasons: the high emissions could only be reduced by applying FGD (to approx. 340 mg), which would lead to a high water demand in an already water-stressed area (therefore creating another environmental impact) and SO2-Immissions will meet WB Standards, therefore AAQ is only slightly impacted by the project. Regarding Ambient Air Quality parameter TSP (daily and annually) the exporteur assured us that SA standards will definitely be met, these are 300µg/Nm3 daily and 100µg/Nm3 annually and therefore above PPAH benchmark values. Meeting PPAH values was assumed but could not be guaranteed.	Emissions, Ambient Air Quality, Cultural Heritage, noise.	Yes	Yes
27	Turkey	Wind Power	No	Cat. I	29 Wind turbines, 2.5 MW each, resulting 72,5 MW.	No	B	Yes	WB Safeguard Policies; IFC General Guidelines; IFC EHS Guidelines Wind Energy	Yes		project side, emissions (reduction), waste, noise, shadow flicker, workers H&S, transmission lines and access roads, social issues		
28	Korea	Forest Industries	No	Cat. IV	paper machine for coated and uncoated paper, capacity 420,000 per year.	Yes	B	Yes	WB Safeguard Policies; IFC General Guidelines; IFC EHS Guideline Pulp and Paper	Yes		Emissions and wastewater of new paper machine and existing pulp production, waste, energy source (power station), ambient air quality, water supply raw material sourcing		

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29	Turkey	Power Generation / Non-Renewable Sources	No	Cat. II	delivery of a 256 MW steam turbine	No	A	Yes	WB Safeguard Policies; IFC General Guidelines; IFC EHS Guidelines Thermal Power Plants	Yes		Project site, emissions, ambient air quality, noise, waste water	Yes	Yes
30	Azerbaijan	Wind Power	No	Cat. II	delivery, installation and commissioning of a windpark	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines, IFC EHS Guidelines for Wind Energy	Yes		Land use, noise, reduction of CO2 emissions, waste, Health & Safety		
31	Vietnam	Wind Power	No	Cat. II	Engineering and delivery of 20 MW Windmills (1,5 MW)	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines, IFC EHS Guidelines for Wind Energy	Yes		Land use, noise, cast shadow, reduction of CO2 emissions		
32	Indonesia	Industrial Development	No	Cat. II	Delivery of a production plant for biaxial oriented polyester films and biaxial oriented Polypropylene (BOPP) films	No	B	Yes	WB Safeguard Policies; directive 2006/42/EG; TA Luft (Technical Directive Air Quality, Germany); IFC EHS General Guidelines, IFC EHS Guidelines for Metal, Plastic and Rubber Products Manufacturing	Yes		emissions, waste, resource use		
33	Vietnam	Agro-Industries	No	Cat. II	Engineering and delivery of the main equipment for a brewery.	No	B	Yes	WB Safeguard Policies; EU Machinery directive; IFC EHS General Guidelines; IFC EHS Guideline for Breweries	Yes		effluents; energy and water consumption		

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34	India	Basic Metal Industries	No	Cat. V	Engineering and Delivery of two converters, the CSP plant and the dedusting plant.	No	A	Yes	WB Safeguard Policies; IFC EHS General Guidelines; IFC EHS Guideline for integrated steel mills	Yes		Emissions, Effluents, land use	Yes	Yes
35	Belarus	Waste Management/disposal	No	Cat. II	Engineering and construction of a mechanical biological waste treatment and sludge treatment facilities.	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines, IFC EHS Guideline for Waste Management Facilities, IFC EHS Guideline for Water and Sanitation	Yes		Emissions, effluents, waste disposal, reduced CO2 emissions due the substitution of fossil fuels, improvement of the environmental performance due to the substitution of the current sludge deposit.		
36	Russian Federation	Cement / Lime / Plaster	No	Cat. III	Engineering and delivery of a cement furnace line	No	B	Yes	WB Safeguard Policies; IFC EHS General Guidelines; IFC EHS Guideline for Cement and Lime Manufacturing, IFC EHS Guideline for Construction Materials Extraction.	Yes		Site characteristics, air emissions and effluents as well as raw material sourcing (existing quarries), improvement of the current environmental performance.		
37	Turkey	Radio / Television / Print Media	No	Cat. II	Engineering and delivery of equipment for a printing presses.	No	B	Yes	WB Safeguard Policies; IFC General Guidelines; IFC EHS Guideline for printing.	Yes		Emissions		