

“Official Gazette of RS”, no. 69/2005

Pursuant to Article 8, paragraph 3 and Article 12, paragraph 3 of the Law on the Environmental Impact Assessment (“Official Gazette of RS”, no. 135/04),

the Minister of Science and Environmental Protection is hereby adopting the following

R U L E B O O K

on the contents of the request on the need for an impact assessment and contents of the request for establishing the scope and contents of the environmental impact assessment

Article 1

The Rulebook hereof shall further determine the contents of the request for deciding on the need for an impact assessment (hereinafter: Request on the Need for an Impact Assessment) and the contents of the request for establishing the scope and contents of the environmental impact assessment study (hereinafter: Request for Establishing the Scope and Content of the Study).

Article 2

The Request on the Need for an Impact Assessment shall contain the data as per Appendix 1, printed along with the Rulebook hereof and comprising its integral part.

Article 3

The Request for Establishing the Scope and Content of the Study shall contain the data as per Appendix 2, printed along with the Rulebook hereof and comprising its integral part.

Article 4

The Rulebook hereof shall come into force on the eighth day as of the date of publication in the “Official Gazette of the Republic of Serbia”.

No. 110-00-6/2005-01
In Belgrade, 21 July 2005

Minister,
Dr Aleksandar Popović, duly signed

Appendix 1

CONTENTS OF THE REQUEST FOR DECIDING ON THE NEED FOR AN ENVIRONMENTAL IMPACT ASSESSMENT

1. Data on the project leader

Organization name, and/or name; seat, and/or address; telephone number; fax; e-mail.

2. Project characteristics

(a) Project size;

(b) Potential cumulation with the effects of other projects;

(c) Use of natural resources and energy;

(d) Production of waste;

(e) Pollution and instigation of discomfort;

(f) Risk of accident, particularly regarding substances being used or techniques being applied, in accordance with regulations.

3. Project location

Vulnerability of the environment in the given geographic areas that may be exposed to the harmful impact of the project, particularly regarding the following:

(a) Existing use of land;

(b) Relative scope, quality and regenerative capacity of natural resources in the given area;

(c) Absorption capacity of the environment, paying particular attention to swamps, coastal zones, mountainous and forest areas, special protection areas (natural and cultural assets and densely populated areas).

4. Characteristics of potential impact

Possible significant impact by the project, particularly:

(a) Scope of impact (geographic area and population numbers exposed to risk);

(b) Nature of cross-border impact;

(c) Scale and complexity of impact;

(d) Probability of impact;

(e) Duration, frequency and probability of repeat impact.

BRIEF DESCRIPTION OF THE PROJECT

No.	Question	YES/NO Brief description of the project?	Will it have significant consequences? YES/NO and why?
1	2	3	4
1.	Do the implementation, operation or cessation of operation involve activities that will cause physical changes to the location (topography, land use, change of water bodies)?		
2.	Does the implementation or operation of the project involve the use of natural resources, such as soil, waters, materials or energy, particularly non-renewable or scarce resources?		
3.	Does the project involve the use, storage, transport, handling or production of matter or materials that may be harmful for human health or the environment or may cause concern due to existing or potential risks for human health?		
4.	Will the project implementation, operation or cessation of operation produce solid waste?		
5.	Will the project cause the release of polluting matter or any type of hazardous, poisonous or material causing discomfort into the air?		
6.	Will the project cause noise and vibration, release of light, heating energy or electromagnetic radiation?		
7.	Does the project lead to a risk of soil or water contamination by released polluting matter into the ground or into surface or ground waters?		
8.	Will there be any risk of accident during the implementation or operation of the project that may endanger human health or the environment?		
9.	Will the project lead to social changes, e.g. in the demographic sense, traditional way of life, employment?		
10.	Are there any other factors to be analysed, such as the development that will follow, that may lead to consequences for the environment or cumulative effects with other, existing or planned activities at the		

location?

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11. Are there areas within the location or nearby the location, protected by international or domestic regulations due to their environmental, landscape, cultural or other values that may be affected by the project?
 12. Are there areas within the location or nearby the location, important or sensitive due to environmental reasons, e.g. swamps, waterways or other water bodies, mountainous or forest areas that may be polluted by implementing the project?
 13. Are there areas within the location or nearby the location using protected, important or vulnerable species of fauna and flora, e.g. for settlement, hatching, growing, resting, wintering and migration, that may be polluted by implementing the project?
 14. Are there surface or ground waters within the location or nearby the location that may be affected by the project?
 15. Are there areas or natural formations of high ambiental value within the location or nearby the location that may be affected by the project?
 16. Are there roadways or facilities used for recreation or other facilities within the location or nearby the location that may be affected by the project?
 17. Are there transport routes that may be obstructed or that cause environmental problems within the location or nearby the location, and may be affected by the project?
 18. Is the project at a location that will likely be visible to a large number of people?
 19. Are there areas or places of historic or cultural significance within the location or nearby the location that may be affected by the project?
 20. Is the project in a location in a previously underdeveloped area that will thus suffer a loss of green surfaces?
 21. Is land at the location or nearby the location of the project used, e.g. for houses, gardens, other private purposes, industrial or commercial activities, recreation, as public open spaces, for public facilities, agricultural production, for forests, tourism, mining or other activities that may be affected by the project?
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22. Are there plans for future use of land at the location or the vicinity of the location that may be affected by the project?

 23. Are there areas with high population densities or highly built-up areas within the location or nearby the location that may be affected by the project?

 24. Are there areas occupied for specific (vulnerable) uses of land at the location or nearby the location, e.g. hospitals, schools, religious buildings, public facilities that may be affected by the project?

 25. Are there areas at the location or nearby the location with important, high quality or scarce resources (e.g. ground water, surface water, forests, agricultural, fishing, hunting and other areas, protected natural assets, mineral resources, etc.) that may be affected by the project?

 26. Are there areas at the location or nearby the location already suffering pollution or harm to the environment (e.g. where existing environmental legal norms have been exceeded) that may be affected by the project?

 27. Is the project location under risk of earthquakes, soil settling, landslides, erosion, floods or reverse climate conditions (e.g. temperature differences, fog, strong winds) that may lead to environmental problems caused by the project?

- Summary of the project characteristics and its location with an indication of the need to draft an environmental impact assessment study:
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Appendix 2

CONTENTS OF THE REQUEST FOR ESTABLISHING THE SCOPE AND CONTENTS OF THE ENVIRONMENTAL IMPACT ASSESSMENT STUDY

1. Data on the project leader

Organization name, and/or name; seat and/or address; telephone number; fax; e-mail.

2. Description of the project

(a) Description of the physical characteristics of the project and conditions of land use in the phase of implementation and phase of regular operation;

(b) Description of main characteristics of the production process (nature and amount of used materials);

(c) Assessment of the type and amount of expected waste matter and emissions resulting from the regular operation of the project:

- Water pollution;
- Air and soil pollution;
- Noise, vibration;
- Light, heat, radiation, etc.

3. Overview of the main alternatives considered by the project leader and key reasons for the decision, keeping in mind environmental impact.

4. Description of environmental factors with the possibility of being significantly exposed to risk due to project implementation, including:

- (a) Population;
- (b) Fauna;
- (c) Flora;
- (d) Soil;
- (e) Water;
- (f) Air;
- (g) Climate factors;
- (h) Construction;
- (i) Immovable cultural assets and archaeological finds;
- (j) Landscape; as well as
- (k) Mutual relations of the above factors.

5. Description of potential significant project impact on the environment (direct and indirect, secondary, cumulative, short-term, mid-term and long-term, permanent, temporary, positive and negative) that may occur due to the following:

- (a) Existence of the project;
- (b) Use of natural resources;

(c) Emissions of polluting matter, instigation of discomfort and waste disposal;

as well as a description of the methods of forecasting used during the environmental impact assessment.

6. Description of measures envisaged to prevent, mitigate or eliminate any significant harmful effects on the environment.

7. Non-technical summary of information listed under 2 to 6.

8. Data on potential difficulties (technical deficiencies or lack of adequate professional knowledge and skills) encountered by the project leader.

PART I

Project characteristics

No.	Question	YES/NO	What characteristics of the Project environment may be encompassed by the impact and how?	Can the consequences be significant? Why?
1	2	3	4	5
1.	Do the implementation, operation or cessation of operation involve activities that will cause physical changes to the location (topography, land use, change of water bodies, etc.)?			
1.1	Permanent or temporary change in land use, surface layer or topography, including an increase in the intensity of use?			
1.2	Clearing of existing land, vegetation or structures?			
1.3	Creation of a new form of land use?			
1.4	Previous works, e.g. drill holes, soil testing?			
1.5	Construction works?			
1.6	Bringing the location up to a satisfactory state upon the cessation of the project?			
1.7	Temporary locations for construction works or housing of construction workers?			

1.8	Above-ground constructions, structures or earthworks, including cutting across linear facilities, filling or digs?	
1.9	Underground works, including mining works and tunnel digging?	
1.10	Works on drainage of land?	
1.11	Silt removal?	
1.12	Industrial and artisanal production processes?	
1.13	Facilities for the storage of goods and materials?	
1.14	Facilities for the treatment or disposal of solid waste or liquid effluent?	
1.15	Facilities for the long-term accommodation of plant workers?	
1.16	New road, railway or river transport during construction or exploitation?	
1.17	New road, railway, air transport, water transport or other transport infrastructure, including new or altered directions and stations, ports, airports, etc.?	
1.18	Closing or detouring existing transport routes or infrastructure leading to changes in the flow of traffic?	
1.19	New or detoured transfer lines or pipelines?	
1.20	Preclusion, construction of dams, construction of culverts, regulation or other changes to the hydrology of waterways or aquifers?	
1.21	Crossings over waterways?	
1.22	Pumping or transfer of water from underground or surface springs?	
1.23	Changes in water bodies or on the surface of land affecting drainage or leakage?	
1.24	Transport of personnel or materials for construction, plants or full cessation?	
1.25	Long-term works on disassembly, complete cessation or renewal of operation?	
1.26	Current activities during the full cessation of operation that may impact the environment?	
1.27	Influx of people into the area, temporary or permanent?	
1.28	Introduction of new animal and plant species?	
1.29	Loss of native species or genetic and biological diversity?	
1.30	Other?	

2.	Will the setting up or running the plant within the project involve the use of natural resources, such as soil, waters, materials or energy, particularly non-renewable or scarce resources?
2.1	Land, particularly undeveloped or agricultural?
2.2	Water?
2.3	Minerals?
2.4	Rock, gravel, sand?
2.5	Forests and the use of wood?
2.6	Energy, including electrical and liquid fuels?
2.7	Other resources?
3.	Does the project involve the use, storage, transport, handling or production of matter or materials that may be harmful for human health or the environment or cause concern due to existing or potential risk for human health?
3.1	Does the project involve the use of matter or materials that are toxic or hazardous for human health or the environment (flora, fauna, water supply)?
3.2	Will the project cause changes in the occurrence of disease or impact disease carriers (e.g. diseases transmitted by insects or transmitted by water)?
3.3	Will the project impact the welfare of the population, e.g. by changing living conditions?
3.4	Are there particularly vulnerable groups of the population that may be affected by the project implementation, e.g. hospital patients, the elderly?
3.5	Other causes?
4.	Will the implementation, operation or cessation of operation produce solid waste?
4.1	Tailings, landfill of removed surface layer or mining waste?
4.2	Urban waste (from apartments or commercial waste)?
4.3	Hazardous or toxic waste (including radio-active waste)?
4.4	Other industrial process waste?
4.5	Surplus of product?
4.6	Waste sludge or other sludges as the result of effluent treatment?
4.7	Construction waste or debris?
4.8	Excess of machinery and equipment?
4.9	Contaminated soil or other material?
4.10	Agricultural waste?
4.11	Other types of waste?

5.	Will the project implementation involve the release of polluting matter or any type of hazardous, poisonous or matter causing discomfort into the air?
5.1	Emissions from stationary or mobile sources for burning fossil fuels?
5.2	Emissions from production processes?
5.3	Emissions from materials being handled, including storage and transport?
5.4	Emissions from construction activities, including plants and equipment?
5.5	Dust or unpleasant smells produced by handling materials, including construction materials, sewage and waste?
5.6	Emissions due to burning waste?
5.7	Emissions due to burning waste in open spaces (e.g. cut materials, construction debris)?
5.8	Emissions from other sources?
6.	Does the project implementation involve producing noise and vibration, the release of light, heating energy or electromagnetic radiation?
6.1	Due to the operation of equipment, e.g. machinery, ventilation plants, grinders?
6.2	From industrial or similar processes?
6.3	Due to construction works and the removal of construction and other facilities?
6.4	From explosions or pile driving?
6.5	From construction or drive traffic?
6.6	From the lighting system or cooling system?
6.7	From sources of electromagnetic radiation (including both effects on the nearest sensitive equipment, as well as people)?
6.8	From other sources?
7.	Does the implementation of the project lead to a risk of pollution of soil or waters due to the release of polluting matter on the ground or in the sewer, surface and ground water?
7.1	Due to handling, storage, use or leakage of hazardous or toxic materials?
7.2	Due to the release of sewage or other fluents (treated or untreated) in the water or the soil?
7.3	Sedimentation of polluting matter released into the air, soil or water?
7.4	From other sources?
7.5	Is there long-term risk due to polluting matter in the environment from these sources?

8.	Will the project implementation and operation potentially produce any risk of accident that may endanger human health or the environment?
8.1	From explosions, leaks, fire, etc. during storage, handling, use or production of hazardous or toxic materials?
8.2	Due to reasons outside the limits of normal environmental protection, e.g. due to omissions in the pollution control system?
8.3	For other reasons?
8.4	Due to natural disasters (e.g. floods, earthquakes, landslides, etc.)?
9.	Will the project lead to social changes, e.g. in demographics, the traditional way of life, employment?
9.1	Changes in the population numbers, age, structure, social groups?
9.2	Displacement of the population or demolition of houses or settlements or public facilities in settlements, e.g. schools, hospitals, communal facilities?
9.3	Through the immigration of new citizens or creation of new communities?
9.4	By delivering increased requirements to the local infrastructure or services, e.g. housing, education, healthcare?
9.5	Opening new workplaces during construction or exploitation or causing a loss of workplaces with consequences for employment and the economy?
9.6	Other causes?
10.	Are there any other factors to be considered, such as further development that may lead to consequences for the environment or cumulative effects with other, existing or planned activities at the location?
10.1	Will the project lead to a pressure for further development that may significantly impact the environment, e.g. increased settlement, new roads, new development of ancillary industrial capacities or public services, etc.?
10.2	Will the project lead to the development of ancillary facilities, supplemental development or development stimulated by the project that may impact the environment, e.g. ancillary infrastructure (roads, electricity supply, solid waste or waste water treatment, etc.), the development of settlements, extractive industry, supply, etc.?
10.3	Will the project lead to subsequent use of the location that will impact the environment?
10.4	Will the project enable future development in accordance with the same model?

10.5 Will the project have cumulative effects due to the proximity of other existing or planned projects with similar effects?

PART II

Characteristics of the broader area where the project implementation is planned

Every project characteristic listed below should be considered regarding whether any of the listed environmental components may be encompassed by the project impact.

QUESTION: Are there environmental characteristics on location or in the vicinity of the location of the project that may be affected by the project:

- 1) Areas protected by international, national or local regulations, due to their natural landscape, cultural or other values that may be affected by the project;
- 2) Other areas important or vulnerable due to their ecology, e.g. swamp areas, waterways or other water bodies, mountain areas, forests and forest land;
- 3) Areas used by protected, important or sensitive species of flora and fauna, e.g. for the growth and development, reproduction, rest, wintering, migration, that may be affected by the project;
- 4) Interior surface and ground waters;
- 5) Protected natural assets;
- 6) Routes or facilities used for public access to recreation and other facilities;
- 7) Traffic routes liable for congestion or such that may cause problems to the environment;
- 8) Areas where immovable cultural assets are located;

QUESTION: Is the project at a location that will likely be visible to a lot of people

QUESTION: Is the project at a previously undeveloped location, where loss of green surfaces will occur

QUESTION: Is land at the project location or nearby, to be affected by the project, used for certain private or public purposes:

- 1) Houses, gardens, other private property;
- 2) Industry;
- 3) Trade;
- 4) Recreation;
- 5) Public open spaces;
- 6) Public facilities;
- 7) Agriculture;
- 8) Forestry;
- 9) Tourism;
- 10) Mines and quarries, etc.;

QUESTION: Are there plans for future use of land on location or in the vicinity that could be affected by the project

QUESTION: Are there areas on location or in the vicinity that are densely populated, that

could be encompassed by the impact of the project

QUESTION: Are there areas of sensitive use of land on location or in the vicinity, that could be affected by the project:

- 1) Hospitals;
- 2) Schools;
- 3) Religious facilities;
- 4) Public facilities?

QUESTION: Are there areas on location or in the vicinity with important, high-quality or insufficient resources, that could be affected by the project:

- 1) Ground water;
- 2) Surface water;
- 3) Forests;
- 4) Agricultural land;
- 5) Fishing area;
- 6) Tourist area;
- 7) Mineral resources;

QUESTION: Are there areas at the location of the project or nearby already suffering pollution or damage to the environment, e.g. where existing environmental legal standards have been exceeded, that may be affected by the project

QUESTION: Is there a possibility that the location of the project is struck by earthquake, settling, sliding, erosion, floods or extreme climate conditions, such as temperature differences, fogs, strong winds, that may lead to the project causing problems for the environment

QUESTION: Is it likely that the project emissions will have consequences for the quality of environmental factors:

- 1) Climate, including microclimate and local and broader climate conditions;
- 2) Hydrological - e.g. the amounts, discharge or level of ground waters and waters in rivers and lakes;
- 3) Pedological - e.g. amount, depth, humidity;
- 4) Geomorphological - e.g. stability or erosivity;

QUESTION: Is it likely that the project will have an impact on the accessibility or sufficiency of resources, locally or globally:

- 1) Fossil fuels;
 - 2) Waters;
 - 3) Mineral resources, rock, sand, gravel;
 - 4) Wood;
 - 5) Other non-renewable resources
 - 6) Infrastructural capacities on location - water, sewage, production and transmission of electricity, telecommunications, waste disposal roads, railway;
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QUESTION: Is there a probability of the project having an impact on human health and the welfare of the community:

- 1) Quality or toxicity of air, water, food products or other products for human consumption;
 - 2) Disease and mortality rates of individuals, the community or population due to exposure to pollution,
 - 3) Occurrence or distribution of disease carriers, including insects;
 - 4) Danger of disease for individuals, communities or the population;
 - 5) Feeling of personal safety of individuals;
 - 6) Cohesion and identity of the community;
 - 7) Cultural identity and unity;
 - 8) Minority rights;
 - 9) Living conditions;
 - 10) Employment and quality of employment;
 - 11) Economic conditions;
 - 12) Social institutions, etc.
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