

SCHEDULES

SCHEDULE 2

Regulation 10

Information for the environmental statement

1. A description of the works including in particular—
 - (a) a description of the location of the works;
 - (b) a description of the physical characteristics of the whole works, including, where relevant, requisite demolition works, and the land-use requirements during the construction and operational phases;
 - (c) a description of the main characteristics of the operational phase of the works (in particular any production processes), for instance, energy demand and energy used, nature and quantity of materials and natural resources (including water, land, soil, and biodiversity) used;
 - (d) an estimate, by type and quantity, of expected residues and emissions (such as water, air, soil and sub-soil pollution, noise, vibration, light, heat, radiation) and quantities and types of waste produced during the construction and operation phases.
2. A description of the reasonable alternatives (for example in terms of design, technology, location, size and scale) studies by the Department, which are relevant to the proposed works and its specific characteristics, and an indication of the main reasons for selecting the chosen option, including a comparison of the environmental effects.
3. A description of the relevant aspects of the current state of the environment and an outline of the likely evolution thereof without implementation of the works as far as natural changes from the current state can be assessed with reasonable effort on the basis of the availability of environmental information and scientific knowledge.
4. A description of the factors specified in Article 3.1 of the Directive likely to be significantly affected by the proposed works; population, human health, biodiversity (for example fauna and flora), land (for example land take), soil (for example organic matter, erosion, compaction and sealing), water (for example hydromorphological changes, quantity and quality), air, climate (for example greenhouse gas emissions, impacts relevant to adaptation), material assets, cultural heritage including architectural and archaeological aspects, and landscape.
5. A description of the likely significant effects of the works on the environment resulting from, inter alia—
 - (a) the construction and existence of the works, including, where relevant, demolition works;
 - (b) the use of natural resources, in particular land, soil, water and biodiversity, considering as far as possible the sustainable availability of these resources;
 - (c) the emission of pollutants, noise, vibration, light, heat and radiation, the creation of nuisances, and the disposal and recovery of waste;
 - (d) the risks to human health, cultural heritage or the environment (for example due to accidents or disasters);

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- (e) the cumulation of effects with other existing and/or approved works, taking into account any existing environmental problems relating to areas of particular environmental importance likely to be affected or the use of natural resources;
- (f) the impact of the works on climate (for example the nature and magnitude of greenhouse gas emissions) and the vulnerability of the works to climate change; and
- (g) the technologies and substances used.

The description of the likely significant effects on the factors specified in Article 3.1 of the Directive should cover the direct effects and any indirect, secondary, cumulative, transboundary, short, medium and long-term, permanent and temporary, positive and negative effects of the works. This description should take into account the environmental protection objectives established at EU or Member State level which are relevant to the works, including in particular those established under Council [Directive 92/43/EEC\(1\)](#) and [Directive 2009/147/EC\(2\)](#) of the European Parliament and of the Council.

6. A description of the forecasting methods or evidence used to identify and assess the significant effects on the environment including details of the difficulties (for example technical deficiencies or lack of knowledge) encountered compiling the required information and the main uncertainties involved.

7. A description of the measures envisaged to avoid, prevent, reduce or, if possible, offset any identified significant adverse effects on the environment and, where appropriate, of any proposed monitoring arrangements (for example the preparation of a post-works analysis). That description should explain the extent to which significant adverse effects on the environment are avoided, prevented, reduced or offset, and should cover both the construction and operational phases.

8. A description of the expected significant adverse effects of the works on the environment deriving from the vulnerability of the works to risks of major accidents or disasters which are relevant to the works concerned. Relevant information available and obtained through risk assessments pursuant to EU legislation such as [Directive 2012/18/EU](#) of the European Parliament and of the Council(3) or Council Directive 2009/71/Euratom(4) or relevant assessments carried out pursuant to national legislation may be used for this purpose provided that the requirements of the Directive are met. Where appropriate, this description should include measures envisaged to prevent or mitigate the significant adverse effects of such events on the environment and details of the preparedness for and proposed response to such emergencies.

9. A non-technical summary of the information provided under paragraphs 1 to 8.

10. A reference list detailing the sources used for the descriptions and assessments included in the environmental statement.

(1) O.J. L 206, 22.7.1992, p. 7

(2) O.J. L 20, 26.1.2010, p. 7

(3) O.J. L 197, 24.7.2012, p. 1

(4) O.J. L 172, 2.7.2009, p 18