



Climate change adaptation and mitigation ... in EIA and SEA (Section F.8)

**Extra joint session
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Outline of the main information required



- Information regarding the national CC targets of the Europe 2020 Strategy and/or any other relevant CC policies and objectives, and the contribution of the project towards them stated where relevant;
- Information regarding the national/regional adaptation strategy, and the contribution of the project towards it stated where relevant;
- The EU contribution to the project costs aimed at CC (EUR and %) – based on the selected intervention field(s) according to IR (EU) No 215/2014;
- The GHG externality of the project calculated in accordance with a recognised methodology, and monetised in the CBA;
- Information on when and how CC was taken into account in the project preparation process, including: (Adaptation:) Information on relevant CC factors and climate projections, project vulnerability to those, resulting current and future risk, contribution to the selection of location, how all these aspects were documented and checked (EIA, project design); (Mitigation+Adaptation:), Selection and ranking of technical options based on climate merits;
- Information on relevant measures (both structural and non-structural) implemented (included in the design) or foreseen in order to ensure resilience of the project to climate change variability, where significant risks were identified.

Climate change issues in EIA and SEA

F.8.2. Explain how climate change related risks, adaptation and mitigation considerations, and disaster resilience have been taken into account. (As a guidance, please consider the following questions: How were the volume of the Greenhouse Gas (GHG) externality and the external cost of carbon assessed? What is the shadow cost of GHG and how has it been integrated into the economic analysis? Was a less carbon intense or based on renewable sources alternative been considered? Has a climate risk assessment or vulnerability screening been carried out during the preparation of the project? **Have climate change issues been taken into account as part of SEA and EIA and have been checked by the relevant national authorities?** How did the analysis and ranking of relevant options take into account climate issues? How does the project relate to the national and/or regional strategy for adaptation to climate change? Will the project in combination with climate change have any positive and/or negative impacts on the surroundings? Did climate change influence the location of the project?) (2)

Climate: current and new EIA Directive

Current EIA Directive (2011/92/EU)

- Climate/climatic factors and interactions with other factors to be assessed within EIA ((Article 3 and Annex IV(3))

Revised EIA Directive (2014/52/EU)

- Climate and interactions with other factors to be assessed within EIA (Article 3)
- Screening selection criteria - Annex III(1)(f) (the risk of major accidents and/or disasters which are relevant to the project concerned, including those caused by climate change)
- Information for the EIA report - Annex IV(4) climate (for example greenhouse gas emissions, impacts relevant to adaptation and (5)(f) the impact of the project on climate (for example the nature and magnitude of greenhouse gas emissions) and the vulnerability of the project to climate change

Climate: SEA Directive

Issue	Directive reference (direct)	Directive reference (indirect)
Climate Change	<ul style="list-style-type: none"> Annex I(f) requires an environmental report to consider the effects on 'climatic factors'. 	
	<ul style="list-style-type: none"> Annex I(f) requires an environmental report to consider the 'interrelationship' between all listed factors (i.e. biodiversity, population, human health, fauna, flora, soil, water, air, climatic factors, material assets, cultural heritage including architectural and archaeological heritage, landscape). 	<ul style="list-style-type: none"> Article 1 sets out the Directive's objective to provide for a high level of protection of the environment and integration of environmental considerations into planning. Annex I requires an environmental report to consider environmental objectives at international, EU and Member State levels. Article 10(1) requires monitoring of the effects of implementing PP to identify unforeseen effects at an early stage.