Climate proofing of infrastructure under CEF Transport calls

Climate proofing of infrastructure - Background

What is it? A process that should be integrated into the development of infrastructure projects – and has two pillars:

1. **Mitigation measures** – for climate neutrality
2. **Adaptation measures** – for climate resilience

The process is divided in two phases: Screening & detailed analysis on

1. GHG emissions and overall carbon print
2. Climate hazards for the infrastructure

Where is it explained?

✓ Commission Notice — **Technical guidance on the climate proofing of infrastructure** in the period 2021-2027, *OJ C 373, 16/09/2021;*

✓ Corrigendum to Commission Notice - Technical guidance on the climate proofing of infrastructure in the period 2021-2027, *OJ C 246, 29/06/2022*

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Climate proofing - Requirements

When does it apply? From this year and under the 2023 CEF Transport calls

How is it implemented ? In accordance with the Work Programme 2021-2027

1. **For studies applications:**

   ❑ Not required to provide information on climate proofing

2. **For works applications:**

2.1 Concerning projects not subject to an EIA:

   ❑ Not required to provide information on climate proofing

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Climate proofing - Requirements

2.2 Concerning projects subject to an EIA:

❑If the key steps* for the EIA have been completed **before** 18 January 2023, it is not required to provide information on the climate proofing process of the infrastructure.

❑If the key steps* for the EIA have been completed **after** 18 January 2023, the applications are under the obligation to submit the information on the climate proofing process taking into account the *Commission Technical guidance on the climate proofing of infrastructure*.

*Key steps of the EIA procedure: an **environmental impact assessment report prepared** by the project promoter and **consultations carried** out under the EIA Directive. This will be followed by the development consent procedure that may be completed after the submission of the CEF application.

- Specific *note on the climate proofing of insfrastucture for the CEF Transport calls* - available on CINEA webpage: Templates & forms: 2021-2027 CEF Projects (europa.eu)

- *An Frequently Ask Questions available on the F&T portal as ref. FAQ 30160*

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Climate proofing - Requirements

What is required?

→ Information on climate proofing will be evaluated under the *Impact* criterion.

→ Information should be summarised in Part B of the application form

→ Under section **"4.3 Social, environmental and other impacts"** *within two boxes:*

Environmental and climate impact

Describe the expected positive and/or negative impacts of the project on the climate change targets (such as the Paris Agreement and the 2030 Climate and energy framework).

*Describe the expected positive and/or negative impacts of the project on the emission of air pollutants such as Particulate Matter - PM2.5, Nitrogen oxides - NOX, Sulphur Dioxides – SO2, etc. If quantified in the CBA, mention the total monetary value of such impacts (€ NPV) and the main assumptions in terms of quantities (change in tonnes or vehicle*km) and unit values (e.g. €/tonnes or €/vkm).*

Specify if the project helps to reduce greenhouse gas emissions (GHG) and limit global warming. Explain how it impacts upstream and downstream emissions (e.g. emissions from purchased electricity as well as full life cycle). For works proposals submitting a CBA, also include the total monetary value of such impacts (€ NPV) and the main assumptions in terms of quantities (avoided tonnes of GHG) and unit values (e.g. €/tCO2equivalent).

Describe how climate change has been taken or will be taken into consideration when designing the project and its components.

Describe how the project **is consistent with the climate proofing of infrastructure mitigation pillar** *(including* **how the cost of greenhouse gas emissions have been integrated in the economic evaluation,** *how it is* **consistent with the energy efficiency first principle** *and how it is* **consistent with the emission targets for 2050***; for details, see* *Commission Technical guidance on the climate proofing of infrastructure).*

Describe in detail the measures that are foreseen to monitor, prevent and mitigate a negative impact on the environment, and provide an estimation of the associated costs.

Insert text

Climate resilience *(for Works topics)*

Describe **the climate proofing exercise and how it was taken into consideration** *when designing the project and its components in line with the* *Commission Technical guidance on the climate proofing of infrastructure. Summarise the findings of the vulnerability assessment to identify the climate hazards to which the project is more sensitive (because of the its type or location).*

If significant risks are identified, explain how the vulnerabilities were embedded in the decision-making process so that they can be addressed and mitigated and what relevant measures were taken to ensure the resilience of the project to climate change.

Insert text

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4. Climate proofing of infrastructure under Impact

Information requested should cover:

- how climate change has been taken into account when designing the project.
- how the project is consistent with the mitigation and adaptation pillars of the climate proofing of infrastructure:

  - how the cost of greenhouse gas emissions have been integrated in the economic evaluation of the project

  - how the energy efficiency first principle is applied

  - how the project will contribute to the emission targets for 2050 e.g. 90% reduction of transport emissions

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Climate proofing – Tips to applicants

- Parts of the **Environmental Impact Assessment** (EIA) and the **Cost-Benefit Analysis** (CBA) conducted for the project relating to climate mitigation and adaptation can be used for the purpose of the providing information in the application on the climate proofing analysis.

- **Optional:** Applicants are encouraged to include information, e.g. a **summary of the climate proofing process and conclusions** under "*Other Annexes*" available in the submission system.

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