



European  
Commission

# Climate-proofing the major projects co-financed by the European Structural and Investment Funds (ESIF) 2014-2020

**= legal framework and guidance =**

Presented by George Paunescu (Climate Action DG, Adaptation Unit)

At the

Meeting of the JASPERS Networking Platform

Brussels, 29<sup>th</sup> September 2015



Climate  
Action

# WHY climate-proofing?

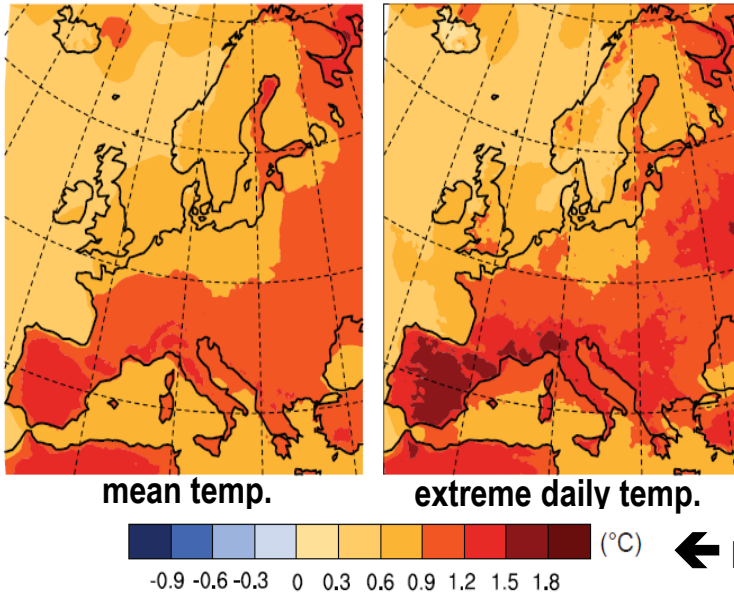


European Commission

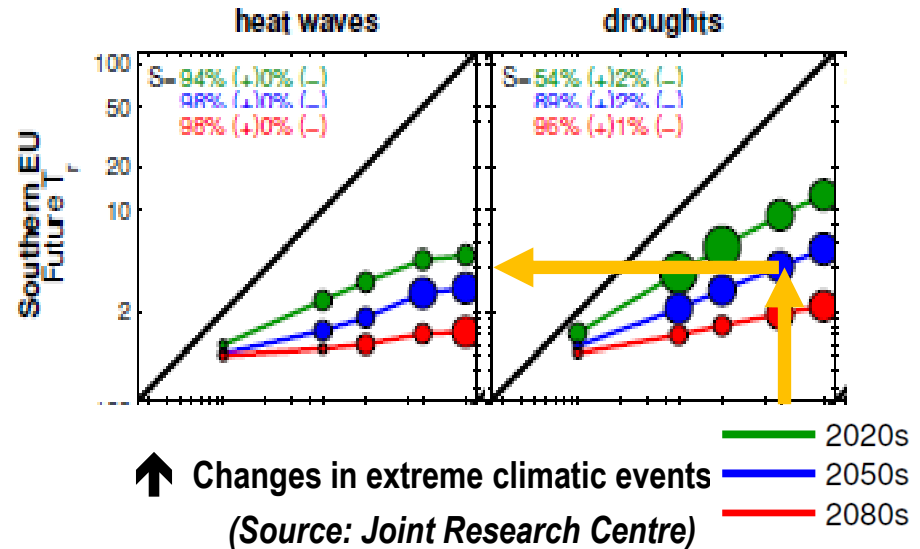
## Adaptation to climate change

### Slow onset climate change

JJA - mean seasonal temperature (a) JJA - 90th percentile of daily TMax (b)



### Extreme weather events



## Climate change mitigation - EU commitments:

- to reduce GHG emissions by 20% (from 1990 levels) – Europe 2020 strategy, 2020 climate and energy package;
- to reduce GHG emissions by at least 40% (from 1990 levels) – 2030 climate and energy framework



- **Regulation (EU) No 1303/2013** ("Common Provisions Regulation")
  - Art. 101 - Information necessary for the approval of a major project:
    - (f) an analysis of the environmental impact, taking into account climate change adaptation and mitigation needs, and disaster resilience
- **Commission Implementing Regulation (EU) 2015/207**
  - Annex II - Format for submission of the information on major projects
    - D.2. – Option analysis ; D.3. – Feasibility of the option selected
    - E.2. – Economic analysis ; E.3. – Risk assessment and sensitivity analysis
    - F.1. – Consistency of the project with the environmental policy
    - F.8. – Climate change adaptation and mitigation, and disaster resilience
  - Annex III - Methodology for carrying out the cost-benefit analysis

Elements of the CBA:

- 2.1.4. Feasibility of the project with demand and option analysis
  - Feasibility analysis identifies the potential constraints and related solutions with respect to [...] climate change mitigation and adaptation;
  - Option analysis - options should be compared against different criteria, including [...] climate change aspects.
- 2.3.3. Climate change mitigation and adaptation in the economic analysis
- 2.4. Risk assessment



- **Commission Delegated Regulation (EU) No 480/2014 - Quality review criteria for the information requirements of Article 101(f) of Regulation (EU) No 1303/2013**

Criterion 6.1:

The project needs to prove "demonstrated contribution to the objectives of environmental and climate change policies, in particular targets linked to the Europe 2020 strategy and evidence of account being taken of the risks related to climate change, adaptation and mitigation needs, disaster resilience and of appropriate measures implemented or foreseen to ensure resilience of the project to climate change variability."

**=> Three main components:**

- Contribution to policy objectives;
- Screening of climate vulnerabilities, climate risks, mitigation aspects;
- Adaptation options.

**=> Sections F.8.1, F.8.2 and F.8.3 of the Format for submission**



- **Directive 2014/52/EU - Revision of the EIA Directive**

- Includes mitigation and adaptation aspects
- Information on the project for the EIA will include vulnerability to climate change, and its impact on the climate

---

- Guide to Cost-benefit Analysis of Investment Projects – 2014 edition

[http://ec.europa.eu/regional\\_policy/sources/docgener/studies/pdf/cba\\_guide.pdf](http://ec.europa.eu/regional_policy/sources/docgener/studies/pdf/cba_guide.pdf)

- Guidance on integrating climate change and biodiversity into EIA

<http://ec.europa.eu/environment/eia/pdf/EIA%20Guidance.pdf>

- Guidelines for project managers on climate-proofing investment projects

[http://ec.europa.eu/clima/policies/adaptation/what/docs/non\\_paper\\_guidelines\\_project\\_managers\\_en.pdf](http://ec.europa.eu/clima/policies/adaptation/what/docs/non_paper_guidelines_project_managers_en.pdf)

# Outline of the main information required



European  
Commission

- 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  
Action



- Resilience to climate change, as well as the mitigation-related aspects – new features of the major projects.
- Requirements apply to all major projects, regardless the sector.
- The 'climate-proofing cycle' needs to be an integral part of the overall project development cycle; it is not an add-on at the final. It needs to be properly documented throughout the application form and supporting documents.
- Screening for vulnerabilities to climate change entails using climate projections (from authoritative sources).
- The identified adaptation measures (structural and non-structural) should minimise the identified climate risks to acceptable levels.
- Major projects bring a solid contribution to achieving policy goals -> it is important to capture the adaptation and mitigation components (from a financial point of view). Reporting against multiple "intervention fields" is possible (IR (EU) No 215/2014).



**Thank you  
for your attention**



European  
Commission

## **Directorate-General for Climate Action ("DG CLIMA")**

<http://ec.europa.eu/clima>

### **Fact sheets on climate mainstreaming in ESIF:**

[http://ec.europa.eu/clima/publications/index\\_en.htm#Mainstreaming](http://ec.europa.eu/clima/publications/index_en.htm#Mainstreaming)

### **EU Strategy on Adaptation to Climate Change:**

[http://ec.europa.eu/clima/policies/adaptation/index\\_en.htm](http://ec.europa.eu/clima/policies/adaptation/index_en.htm)

### **European Climate Adaptation Platform:**

<http://climate-adapt.eea.europa.eu/>







For info or further questions on the activities of the  
JASPERS Networking Platform, please contact:

Massimo Marra  
JASPERS Networking and Competence Center  
Senior Officer

ph: +352 4379 85007

[m.marra@eib.org](mailto:m.marra@eib.org)

[www.jaspersnetwork.org](http://www.jaspersnetwork.org)

[jaspersnetwork@eib.org](mailto:jaspersnetwork@eib.org)