



JASPERS support in operationalising climate proofing requirements at national level

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JASPERS Stakeholder meeting, 8th November 2023



Climate proofing considerations in 2021-2027

Climate Proofing: Process to *prevent infrastructure from being vulnerable to potential long-term climate impacts* whilst ensuring that the '*energy efficiency first*' principle is respected and that the level of *GHG emissions* arising from the project is *consistent with the climate neutrality objective in 2050*

- **CPR Recital 10** – “Adequate mechanisms to ensure the climate proofing of supported investment in infrastructure should be an integral part of programming and implementation of the Funds.”
- **CPR Art. 73 (Selection of operations by the MA), point J:** (The MA shall) “ensure the climate proofing of investments in infrastructure which have an expected lifespan of at least 5 years”
- ***Not a new requirement*** – Climate change considerations were required for Major Projects in 2014-2020 but now it applies to all projects with a lifetime of at least 5 years

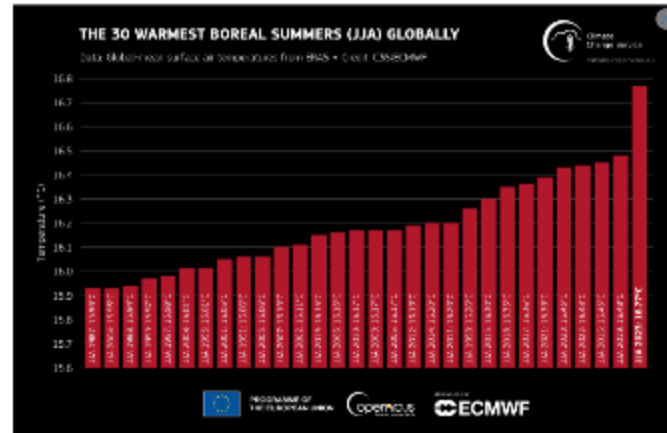
Summer 2023: the hottest on record

26 September 2023



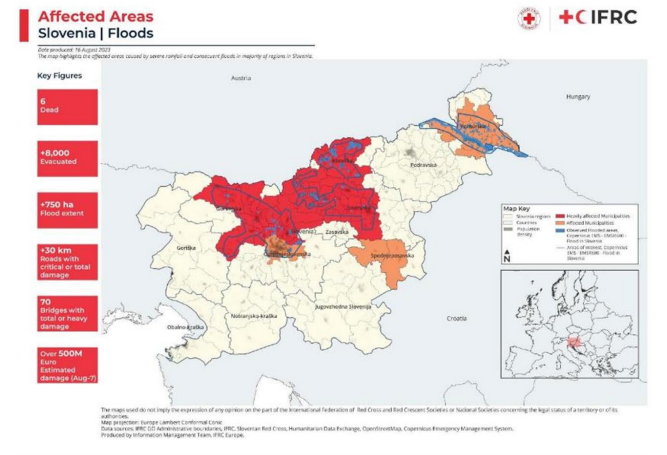
2023 JUNE-JULY-AUGUST SEASON HIGHLIGHTS | AUGUST 2023 - SURFACE AIR TEMPERATURE HIGHLIGHTS | AUGUST 2023 - SEA SURFACE TEMPERATURE HIGHLIGHTS | AUGUST 2023 - SEA ICE HIGHLIGHTS | AUGUST 2023 - HYDROLOGICAL VARIABLES HIGHLIGHTS | ABOUT COPERNICUS AND ECMWF

Born, 06/09/2023



Global mean surface air temperature for the 30 warmest boreal summers (June-July-August) in the ERA5 data record, ranked from lower to higher temperature - Data: ERA5, Credit: Copernicus ECMWF
DOWNLOAD IMAGE | DOWNLOAD DATA

The Copernicus Climate Change Service (C3S), implemented by the European Centre for Medium-Range Weather Forecasts on behalf of the European Commission with funding from the EU, routinely publishes monthly climate bulletins reporting on the changes observed in global surface air temperature, sea ice cover and hydrological variables. This month, highlights on the boreal summer 2023 and sea surface temperature are also included in this press release. All the reported findings are based on computer-generated analyses using millions of measurements from satellite, ships, aircraft and weather stations around the world.



October heatwave expected in parts of Europe after countries record hottest ever September



By EuroNews Green
Published on 09/10/2023 - 17:11 - Updated 10/10/2023 - 10:01

Share this article

France, Germany and the UK all recorded their hottest ever September last month.

Countries across Europe experienced their hottest September on record with unseasonably warm weather expected to continue into October.

Austria, Belgium, France, Germany, Poland, Switzerland and the UK all saw record-high temperatures last month, upwards of 3.6°C above seasonal norms.



Wildfires in Greece

* Η μακροπρόθεσμη περιοχή του Έβρου αποτελεί τον μεγαλύτερο θεμέλιο πυρκαγιάς στην Ελλάδα και στην Ευρώπη

As it happened: Malta bakes in heatwave on the fourth day of power cuts

Record energy demand reported amid temperatures above 40°C
20-09-2023 10:46 GMT+01:00
24/09/2023



Thousands of beachgoers and swimmers in the country's coastal areas...
The weather is expected to be hot and sunny over the next few days...
The power cuts are expected to continue for several more days...

JASPERS climate proofing support

Aim: Provide methodological and practical support and capacity building for implementation of climate proofing at National level

- **9 on-going assignments:** Poland, Slovenia, Greece, Croatia, Italy (National and Region of Puglia), Malta, Spain and Bulgaria (AF under preparation)

- **Related on-going multi-country assignment:** Climate Adaptation in Cities

- **New assignments:**
 - Multi-country technical capacity building activity: Good practices for climate resilience proofing of infrastructure in 2021-27 – Under preparation for submission to DG REGIO
 - **Possible new assignments under discussion in other MSs**

Collaborative work between JASPERS Coordination and Capacity Building team and JASPERS sectors' teams

Elements of JASPERS climate proofing work

1. ***Operationalisation of climate proofing*** at national level in line with the EC climate proofing guidance and reflecting national priorities and specificities:
 - Development of detailed national guidelines for climate proofing of investments in 2021-2027
 - Analysis of the climate proofing requirements per intervention code and scoping tool
 - Sectoral guidance related to climate resilience proofing and carbon footprint assessment
 - Country-specific case studies on climate neutrality and climate resilience assessment

2. ***Support the appraisal*** of climate proofing assessments by the MAs – Guidance, checklists, support the review of climate proofing documentation, ToR for external consultants supporting MAs etc.

3. ***Dissemination events/information sessions*** on climate proofing and National guidelines

4. ***Capacity building*** in form of training for the MAs and relevant stakeholders:
 - Carbon footprint assessment for various sectors
 - Climate resilience assessment – How to prepare and how to appraise

Future climate proofing work and relevant activities

- **Technical Guidance and tools:**
 - ✓ Develop further targeted guidance and tools for both climate mitigation and adaptation
 - ✓ Particular needs for the climate resilience pillar, covering various types of infrastructure and small projects

- **Capacity building and dissemination events:**
 - ✓ Overall climate proofing assessment
 - ✓ Specific topics e.g. carbon footprint, climate resilience assessment
 - ✓ Specific sectors - How the climate proofing assessment should be performed for specific sectors

- **Appraisal of climate proofing documentation:** Guidance and capacity building activities on the validation of the submitted climate proofing documentation

- **Support the assessment of DNSH compliance:** Clarify the linkages between the two requirements and develop practical methods to support the various MAs in ensuring compliance to both requirements

Climate proofing guidelines for Italy

- ✓ Support to Dipartimento per le Politiche di Coesione – Presidency of the Council of Ministers (DPCoe) to develop **National climate proofing guidelines** for all EU investments in Italy in 2021-27.
- ✓ Support DPCoe in disseminating the national guidance to all Italian Managing Authorities through **dedicated workshops and webinars**.
- ✓ Support in **designing of further TA and capacity building activities** on climate proofing of investments aimed at MAs and Project Beneficiaries to be delivered possibly through relevant national Programmes (as for example PN CapCoe), with JASPERS support.

Assignment established a **Joint Task Force** DPCoe – JASPERS – Italian Ministry of Environment and Energy Security (MASE)

Assessing climate proofing applicability in Italy

Climate proofing applicability Planned allocations 2021-2027 (total resources and % of total resources)

Climate proofing needed	Total resources* ERDF, ESF+, JTF		Total resources* ERDF, JTF		Total resources* ERDF		Total resources* JTF	
	(EUR)	% of total allocation	(EUR)	% of total allocation ERDF and JTF	(EUR)	% of total allocation ERDF	(EUR)	% of total allocation JTF
YES	8.000.777.032	10,8%	8.000.777.032	17,6%	7.996.277.032	18,1%	4.500.000	0,4%
IN SOME CASES	20.209.949.825	27,3%	20.156.512.946	44,4%	19.776.507.064	44,7%	380.005.882	31,3%
NO	45.856.602.526	61,9%	17.270.098.034	38,0%	16.443.323.258	37,2%	826.774.777	68,3%
Total ERDF and JTF	74.067.329.383	100%	45.427.388.012	100%	44.216.107.354	100%	1.211.280.659	100%

* Including national co-financing. Source Cohesion Data 2023

Assessing climate proofing applicability in Italy

Climate proofing applicability

Planned allocations 2021-2027 ERDF and JTF by Policy Objective (total resources and % of total resources)

Policy Objectives	CLIMATE PROOFING NEEDED								
	YES			IN SOME CASES			NO		
	Nr. of Intervention codes	Total resources* ERDF, JTF (euro)	% of total ERDF, JTF resources	Nr. of Intervention codes	Total resources* ERDF, JTF (euro)	% of total ERDF, JTF resources	Nr. of Intervention codes	Total resources* ERDF, JTF (euro)	% of total ERDF, JTF resources
PO1	4	40.800.000	0,1%	12	4.219.971.735	9,3%	21	12.240.595.228	26,9%
PO2	15	5.554.777.813	12,2%	28	10.388.883.604	22,9%	4	488.579.233	1,1%
PO3	25	1.603.679.099	3,5%	9	513.876.086	1,1%	-	-	-
PO4	-	-	-	9	3.379.270.816	7,4%	35	1.385.842.974	3,1%
PO5	1	801.520.120	1,8%	3	1.654.510.705	3,6%	1	426.842.940	0,9%
Other intervention codes PO 1-5	-	-	-	-	-	-	7	181.172.563	0,4%
Technical Assistance	-	-	-	-	-	-	4	2.547.065.096	5,6%
Total	45	8.000.777.032	17,6%	61	20.156.512.946	44,4%	72	17.270.098.034	38,0%

* Including national co-financing. Source Cohesion Data 2023

Next steps - climate proofing guidelines for Italy

What	When
1. Publication of FAQ	By end 2023
2. Dissemination and knowledge sharing with stakeholders (MAs and project promoters)	By end 2023
3. Discussion on standard technical capacity building and climate modelling packages to be included in the National Capacity Building Programme (PN CapCoe)	End 2023 – Early 2024
4. Carbon Foot Print seminars on Renewable Energy, Energy efficiency, Sustainable Urban Mobility	November 2023
5. Development of case studies	January /February 2024
6. Sensitivity tables for prevailing infrastructure types	January /February 2024
7. Guidelines for climate proofing integration in EIA-SEA processes	January /February 2024

Thank you

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