

Title of the initiative
Euro-Mediterranean Center on Climate Change
Idea origin (country) The name of the country where the inspired practice came from
Italy
Idea origin (institution) The name of the institution where the inspired practice came from
University of Salento
Brief description
The CMCC Foundation (Euro-Mediterranean Center on Climate Change) is an international, independent research center focused on the interaction between climate change and society. It conducts multidisciplinary analyses combining climate modeling, impact assessment, and environmental economics to support sustainable growth and policy development.
Idea focus The focus of the inspired practice was on
<ul style="list-style-type: none"> ○ research management ○ research implementation
Why is it considered an Inspiring Practice?
CMCC provides scientific insights for a successful transition to a sustainable future and is a global leader in climate research. Its interdisciplinary structure fosters collaboration across various fields, enabling comprehensive studies on climate-related challenges.
Relevance of the initiative in its specific context (why was it developed, why is it important in its specific context, what type of change it generated for the target group, relevance at local / national / international)
<p>In its specific context, the initiative is particularly important for the Euro-Mediterranean region, which faces severe climate risks such as rising temperatures, extreme weather events, and coastal vulnerabilities. CMCC's work has generated significant change for its target groups by equipping decision-makers with reliable data, fostering climate resilience, and shaping adaptation and mitigation policies.</p> <p>At the local and national levels, CMCC supports governments and institutions in designing climate policies, urban adaptation plans, and sustainable economic strategies. Internationally, it plays a key role in global climate discussions, contributing to reports for organizations like the IPCC (Intergovernmental Panel for Climate Change) and providing tools such as the G20 Climate Risk Atlas.</p>
Target Group of the practice
<ul style="list-style-type: none"> ○ Administrative staff ○ Academic staff
Impact How the initiative produced an impact in its context and beyond

The CMCC Foundation (Euro-Mediterranean Center on Climate Change) has significantly influenced climate science and policy through its comprehensive research and collaborative initiatives. By integrating climate modeling with impact assessments and environmental economics, CMCC provides critical insights that inform sustainable development and environmental protection strategies.

One notable contribution is the G20 Climate Risk Atlas, developed by CMCC, to offer detailed analyses of climate risks for G20 countries. This resource aids policymakers in understanding and addressing climate-related challenges specific to their nations.

CMCC also emphasizes the importance of urban areas in climate adaptation efforts. Their studies on food waste highlight the pivotal role cities play in reducing waste and achieving UN 2030 Agenda targets.

Additionally, CMCC's research on urban climate impacts, such as heatwaves and floods, provides valuable data for cities to develop effective adaptation strategies.

Through these initiatives and a commitment to interdisciplinary collaboration, CMCC continues to be a vital contributor to global climate research and policy development.

Transferability of the initiative

Which elements can be adapted and transferred to other contexts/fields

The CMCC Foundation's initiative is highly transferable due to its interdisciplinary approach, scalable research framework, and strong collaboration with policymakers and stakeholders. Its climate modeling, policy insights, and urban adaptation strategies can be replicated across different regions and sectors. Through training programs and open-access data, CMCC ensures broad knowledge transfer, making its methodologies adaptable to various geographical and institutional contexts.

Sustainability of the initiative

The factors favoring the success of the initiative over time

Several factors favor the initiative's long-term success. The foundation's collaboration with policymakers, international institutions, and research networks ensures its findings remain relevant and actionable. Its ability to secure funding from diverse sources, including public and private institutions, enhances financial stability. The increasing global emphasis on climate action and sustainability further supports CMCC's role as a key player in shaping policies and strategies. Additionally, its commitment to innovation and interdisciplinary research fosters resilience, enabling the initiative to evolve alongside scientific and technological advancements.

Contact and references

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<https://www.cmcc.it/about/the-cmcc-foundation>