

Climate-ADAPT use case 9 — Lombardy Region

Developing a regional adaptation plan using European climate data accessed through tools and guidance on Climate-ADAPT

Climate-ADAPT features used: database (guidance); countries, regions, cities (Country pages), knowledge (Map Viewer and tools)

Sector: adaptation in general

Governance level: sub-national

Biogeographical region: Mediterranean

Macro-region: southern Europe

Policy stage: policy development

The challenge

For several years, and often leading the way into unknown territory, at least in Italy, the Lombardy region, with the support of the Lombardy Foundation for the Environment, has been actively working on climate change and on policies for its mitigation and adaptation.

In 2012, the Lombardy region, published the Guidelines for the implementation of the Regional Climate Change Adaptation Strategy ⁽²⁷⁾, which provided the first key elements for assessing the main impacts of climate change and an integrated assessment of the vulnerability of socio-economic and natural systems. Then, in 2014, the Regional Climate Change Adaptation

Strategy ⁽²⁸⁾ was approved, followed by, at the end of 2016, the Regional Climate Change Adaptation Plan.

The regional plan reports current and expected climate trends, impacts and targets; provides an analysis of the vulnerabilities and risks of the main targets for which climate change impacts are expected; and identifies the adaptation actions and priorities.

In addition, the LIFE project Master Adapt (MAInSTreaming Experiences at Regional and local levels for ADAPTation to climate change) is working on adaptation issues, through a partnership composed of Sardinia Region (lead partner), Lombardy Region, universities, and local stakeholders and administrations, with the aim of guiding local administrations in the mainstreaming process for adaptation policies.

The approach

All the information and data in the platform are certified; therefore, it is an important resource for several types of information, such as tools, reports and publications, national policies, etc.

As a sub-national administration, Lombardy Region, has used Climate-ADAPT to get a general overview of the state of the art of adaptation policies and to compare regional data with those provided by the platform.

For the development of Lombardy's Regional Climate Change Adaptation Plan, various types of data and information from the Climate-ADAPT platform were used: for instance, the model ENSEMBLES Europa, among others, was used to build the climate scenario for the territory.

⁽²⁷⁾ http://www.flanet.org/sites/default/files/RAS_Regional%20Adaptation%20Strategy.pdf

⁽²⁸⁾ <https://www.flanet.org>

Figure A9 **Regione Lombardia**



Source: © Fotolia.

Future plans

Both for Master Adapt and for regional activities, Lombardy Region intends to interact more frequently with Climate-ADAPT to deepen best practice and information exchange and develop activities in collaboration.