

D1.3

Climate resilient regional transformation strategies

Validation processes and implementation procedures



**MOUNT
RESILIENCE**



**Co-funded by
the European Union**

Co-funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or CINEA. Neither the European Union nor CINEA can be held responsible for them.



Swiss partners have received funding from the Swiss State Secretariat for Education, Research and Innovation (SERI).

Executive summary

The MountResilience project was formulated to increase the adaptation capacity and climate resilience of European Mountain Regions and communities. To achieve this goal a conceptual model of a systemic approach to transformative adaptation (D1.1), and a diagnosis of climate challenges and possible adaptation solutions (D1.2) were developed. This report presents the specific regional transformation strategies suggested for the implementation of actions towards a climate resilient transformation.

As a first step the regional demonstrator challenges were identified, through the support of information provided by D1.1 and D2.2 (previous deliverables of MountResilience). By implementing a co-creation approach involving the quadruple helix, and particularly with a first group of expert and stakeholders, more scientific and technical aspects on CC challenges were covered. D1.3 was supported by a validation process activated within the Local Councils in each demo region. The group of stakeholders was asked to define the climate adaptation path to address the regional climate change challenges that were identified as at the beginning of the project. For this phase both STES and SRA (see the list of acronyms) composed in previous deliverables were considered and implemented.

Bibliographic research on a set of defined keywords (see section 1.2) linked to Nature Based Solutions (NbS) and adaptation strategies related to these specific CC challenges was performed by searching peer reviewed articles and researching projects outputs available on CORDIS (e.g., LIFE, Horizon 2020, Horizon Europe, Interreg). Afterwards, a catalogue of adaptation options and Factsheets were developed, providing a climate resilient transformation strategy for demo regions, as a base for the implementation roadmap (D2.1) and as a supporting part for future discussions performed in the capacity-building program (D2.2).

Finally, all this information will be rendered available into an open-source inventory that includes a tool. Regional demonstrators will be encouraged to use this decision-making tool, that will be available on the MountResilience project site, as a base for future deliverables on regional projects realization. Future stakeholders will also be able to access it to evaluate their own CCA strategies, and so have a base of instrument/solutions to their CC challenges, all this work will make it possible to achieve the fully operability of all RDs.