

Empower 5 south-European regions with high Climate Change (CC) risk and exceptionally low adaptive capacity to enhance their CC-resilience, establish the regional Communities of Practice (CoP) and co-create the resilient development strategies adapted to the regional needs and potentials.

Project team will aid the regional administration in organizing the **regional CoPs**, where representatives of “**quadruple helix**” stakeholders will discuss their Climate Adaptation needs and capabilities, assess potential pathways towards CC-resilient, societally just, and sustainable future and elect sustainable and CC-resilient regional development pathways that are best suited to their needs and capabilities.



This activity will be supported by provision of the **data driven Decision Support service(s)** for strategic CC-adaptation planning, as well as through provision of **easy to understand educational materials** illustrating the CC risks and possible technological, natural and societal adaptation options and strategies, explaining the use of the project tools, as well as knowledge transfer on existing data, tools and best practices in climate adaptation from successful EU projects and regions with higher adaptive capacity.

ClimEmpower will also develop **new generic interface** to **C3S Climate Data Store**, **data driven CC-hazard and -risk assessment services**, and **semi-quantitative (“screening”) services** allowing the users to compare different adaptation strategies.

KEY FACTS



3 M



14 PARTNERS



5 REGIONS



5 EU MISSIONS

1. **Adaptation to Climate Change.**
2. **Cancer:** improving the lives of more than 3 million people by 2030 through prevention, cure and for those affected by cancer including their families, to live longer and better.
3. **"Restore our Ocean and Waters"**, Healthy oceans, seas, coastal & inland waters.
4. **Climate-Neutral and Smart Cities.**
5. **'A Soil Deal for Europe'.**



STRATEGIC OBJECTIVES



SO1 – UNDERSTAND THE REGIONAL BACKGROUND, CHALLENGES AND EXPECTATIONS



SO2 – ADDRESSING THE GAPS IN AVAILABILITY AND USABILITY OF CC DATA AND SERVICES



SO3 – IDENTIFICATION, DEFINITION, ESTIMATING, AND COMMUNICATION OF CLIMATE IMPACT/RESILIENCE INDICATORS SUITABLE FOR LOCAL END-USERS



SO4 – SIMPLIFY ACCESS TO CC DATA AND DEVELOPMENT OF END-USER APPLICATIONS



SO5 – EMPOWER THE REGIONS TO ACTIVATE AND ENHANCE THEIR POTENTIAL FOR ADDRESSING THE CLIMATE CHANGE CHALLENGE



SO6 – ENSURE THE USE AND IMPACT OF THE CLIMEMPOWER OUTPUTS

Acknowledgement(s)

The work was supported by funding from the European Union's Research and Innovation actions in support of the implementation of the Adaptation to Climate Change Mission (HORIZON-MISS-2022-CLIMA-01), as part of the project 'ClimEmpower: User driven climate applications empowering regional resilience', grant agreement No. 101112728 (<https://climempower.eu/>). This output reflects only the authors' views, and the EU cannot be held responsible for any use that may be made of the information contained therein.