

Climate-ADAPT use case 19 — The Adriatic region

Using Climate-ADAPT structure and content as a model to create the “Resilience Information platform for the Adriatic region”.

Climate –ADAPT features used: database, Adaptation Options, Case studies, Adaptation Support Tool

Sector: adaptation in general

Governance level: transnational, subnational, local

Biogeographical region: Mediterranean

Macro-region: Southern Europe

Policy stage: adaptation planning

The challenge

Raising the levels of climate resilience and preparing cities and towns for climate change is increasingly important for local communities of the Adriatic. Coastal areas are increasingly at risk due to climate change, experiencing impacts such as flooding, coastal erosion, sea level rise, etc.

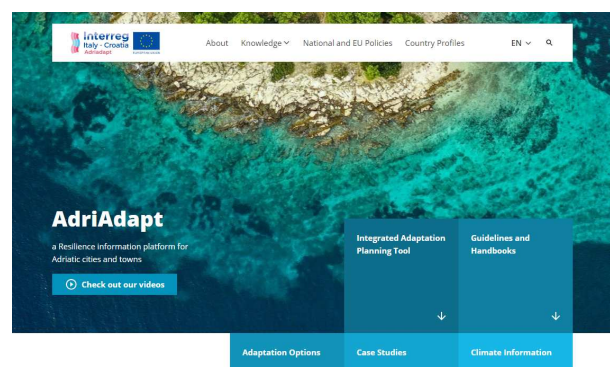
ADRIADAPT (funded by Interreg Cross Border Cooperation Programme Italy – Croatia)¹ aimed at promoting local and regional resilience by developing and testing the knowledge base required to identify and plan suitable climate adaptation options, especially for urban and coastal zones in the Adriatic region.

A key result of the project is the implementation of a knowledge platform² for the Adriatic region (AdriAdapt) containing case studies, guidance documents, legal frameworks and climate information, to foster the design of multi-scale

adaptation and climate resilience plans and measures.

The platform will serve as a region-specific repository of climate change adaptation related policy, plans, tools and practices aiming to provide support and locally relevant information for authorities that are preparing for climate resilience planning.

Figure A1 The AdriAdapt Platform Homepage



Source: www.adriadapt.eu

The approach

The AdriAdapt platform extensively made use of the content and the framework of the Climate-ADAPT, to develop information tailored to the needs and features of the Adriatic coastal regions.

The catalogue of adaptation options developed in Climate-ADAPT has been widely consulted, selecting options potentially useful for Adriatic local authorities. In particular, measures related to cities and towns, coastal areas, marine space and interrelated socio-economic systems suitable for the specific socio-economic and climatic conditions were considered. Starting from this information and other sources (e.g. IPCC, EU Projects, and literature review) a new catalogue of options has been prepared and made available through the AdriAdapt platform.

Moreover, the AdriAdapt platform includes a section on case studies showcasing implemented adaptation measures, mainly in the Adriatic region, or located elsewhere but facing similar climatic challenges. The Climate ADAPT section of

¹ <https://www.italy-croatia.eu/web/adriadapt>

² <https://adriadapt.eu/>

case studies is taken as a model, keeping the same approach for the selection and presentation of cases for local authorities and using a similar outline for case study description.

**Figure A2 AdriAdapt case study example:
Škocjanski zatok – restored coastal wetland
enhancing resilience of the city of Koper**



Source: www.adriadapt.eu

Finally, the AdriAdapt platform includes an Integrated Adaptation Planning tool. The tool is aimed to stimulate local and regional planners and officials towards the design and implementation of an adaptation process or at managing single steps of such processes. Climate-ADAPT served as inspiring model through its Adaptation Support Tool. Both tools are organised in successive steps, including an evaluation and monitoring phase of adaptation efforts, to assess the effects of the process and ensuring flexibility of the adaptation planning.

The AdriAdapt Platform has been published in June 2021. It is being promoted with two short videos in an Italian and a Croatian version³, both provided with English sub-titles, to reach wider public.

Future Plans

The maintenance and update of the AdriAdapt Platform is key for its usability by local administrations. Climate change adaptation knowledge and expertise are rapidly changing and this needs to be reflected in the continuous update of the platform. PAP/RAC (Priority Actions Programme/Regional Activity Centre of the

Mediterranean Action Plan) will maintain and enhance the AdriAdapt platform during the next 4 years. Project partners are expected to continue their work on the platform, through the participation in new projects focussed on climate change adaptation in the Adriatic-Ionian Region.

Finally, future plans include the connection of the AdriAdapt Platform with the Croatian and the Italian National Adaptation Platforms, to be developed in the next future.

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https://www.youtube.com/watch?v=7An85JICc3E&list=PLxHQlo4o-QnUsTuSgk27RPYUa_VXLFexW