

Acronym – LIFE Veneto ADAPT

Title – Central VENETO Cities netWORKing for ADAPTation to Climate Change in a multi-level regional perspective

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Department – Department of Design and planning in Complex Environments

Sector ERC – SH3 (SH3_2_3_9_10)

Iuav Role – partner

Lead partner – Municipality of Padova

Duration – 45 months

Start – 01/07/2017

Closure – 31/03/2021

Project budget – € 2.464.934,00

Iuav budget – € 292.388,00

Funding to Iuav – € 169.494,00

Source of funding – Call EU: LIFE 2014-2020 Programme Climate Change Adaptation

Description – The general objective of Veneto ADAPT is to produce and test knowledge-based instruments and policies for a more climate-resilient Europe. The project aims at developing and testing a coherent approach for enhancing the regional capacity to respond to the impact of climate change, with a focus on non hydrogeological risk, through a networking initiative developed in the central Veneto conurbation (3.5 million inhabitants) among the principal cities of Padova, Vicenza, Treviso, the Metropolitan City of Venice and the Union of Municipalities of the Middle Brenta, with the supervision of the Veneto Region.

Objectives – The project has several specific objectives:

1. to develop and validate a common strategy, including a multi-level governance system both at horizontal (among different cities in a conurbation) and at vertical level (among different governance levels and different actors), for increasing urban adaptation capacity to climate change, in order to provide inputs for the climate policy at EU, national and regional level;
2. to create a common knowledge base and an inventory of vulnerabilities and risks related to climate change through the implementation of the methodology elaborated by Iuav;
3. to develop a wide set of adaptation measures and to integrate them in existing urban plans such as SEAPs (and convert them to SECAPs), Land Use, Urban Green and Water Management Plans;
4. to set up a monitoring system in order to measure the effectiveness of the actions;
5. to mainstream and institutionalise the adaptation methodology by formulation regional guidelines for the planning of adaptation;
6. to promote and develop green infrastructures through an integrated ecosystem-based approach in the conurbation of Veneto Region Central area, through the development of ecosystem based adaptation measures;
7. to increase the available volume of flood channels and of multi-use retention areas, by building a layout of the ecological network among the main conservation areas of the Central Veneto / Venice Metropolitan Area;
8. to demonstrate the viability of the “hardware” and “software” adaptation measures, consistent in new technologies, systems, methods and instruments through their implementation, assessment and evaluation in the framework of 5 wide-scope Pilot Actions at local level;
9. to facilitate the picking up of the Veneto ADAPT approach in other regions and cities across the EU.

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