

# CREATE

## Study Site Visits:

guided visits for an experience on  
representative climate challenges and  
possible response strategies

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## 1. Introduction

This document reports on the case study visits, implemented as virtual visits, with videos documenting implementations and interviews with local administrators and technicians. The selection of the case study sites to be visited should have been connected, according to the initial planning made by the consortium, to the projects selected in the context of the Adriatic Adaptation Award. Due to time constraints and delays in the process of selection in the Award process, in April 2023 the LP decided to select two accessible and significant sites among the projects proposed for the award, independently from the Jury decision, and to produce a video documentation about these site visits.

The consortium decided to document the site visits with a professional video rather than having a part of PPs to travel to two different destinations, one in Italy and one in Croatia. Thus, two sites geographically close to each other have been selected among Italian Award candidates. Four out of eight project partners PP3 (Davide Bonaldo, CNR), PP6 (Ilha Drmac, EIHP) and PP 2 (Giacomo Cazzola, IUAV) agreed to participate personally in the site visits. Due to the flood events in Emilia Romagna which occurred in the days immediately before the planned visit, the site visits had to be postponed, and for the final date of the visits, only PP2 was available to participate, together with the LP to the field trip. These decisions were taken by the consortium in email exchanges, and also the interview guides have been agreed via mail exchange among partners.

The two sites selected involve urban transformations which aim addressing impacts from heavy rainfall and heat in the case of Cervia, and from heavy rainfall and marine intrusion in the case of Rimini. Both cases offer furthermore multiple additional benefits as the creation of attractive public spaces improvement of biodiversity, etc. The transformation of the Piazza dei Premi Noble has been inspired by the previous ADRIADAPT project, where the City of Cervia had been one of the Partners. The project of the city of Rimini has been selected among the four best projects presented for the Adriatic Adaptation Award, as it demonstrates how rising sea levels can be addressed in Adriatic coastal cities without compromising the touristic uses of beaches. The interview questions have been prepared in collaboration with all project partners,

The videos produced have been uploaded to the CREATE video channel on the YouTube platform @createclimateresponses and are linked on the CREATE web page.

## 2. Cervia - Piazza Premi Nobel - renovating the square for a climate-resilient city

The project of the Municipality of Cervia "Redevelopment of the Premi Nobel square" was proposed to the commission of experts of the CREATE A3 - Adriatic Adaptation Award. We visited the construction works. During our visit to Cervia, we talked to Manuel Passaglia, a technician of the Municipality of Cervia, who is responsible for transforming the Premi-Nobel Square. He told us that the renovation of this public square in the City of Cervia had been used to adapt this urban space to new climate impacts, ensuring it would be liveable and attractive for our citizens throughout all seasons. During the works, the old pavement was removed and substituted with water-absorbing concrete. Furthermore, he told us as soon as ground work will be finished, trees of different types will be planted and rain gardens created, so that the square will have a permeable surface in all its parts. The paving of the new square will allow rainwater to enter the ground rather than flooding streets and the sewage system, so it will store water to feed the plants and trees around the square. The hard surfaces of the square are needed for public events, which are traditionally held on this square, Passaglia explained. Choosing a light colour for these surfaces will help keep the surface cooler than a darker surface would do, and also, the trees to be planted will provide shade and have a cooling effect. In this way, Passaglia continued, several impacts related to climate change will be addressed: in its new shape, the square will help managing the effects of intense rainfall, provide shade during heat waves and, thanks to the water permeating into the soil it will contribute reducing the impact of salt-water intrusion. It is foreseen to repeat such transformation of public spaces in other parts of the city of Cervia.

The Video has been published on the CREATE Youtube channel <https://youtu.be/pZn4Y143GLc>



### 3. Rimini Parco del Mare - Regenerating the waterfront -

The project of the Municipality of Rimini "Implementation Sea Park: Southern Promenade" was selected by the commission of experts of the CREATE A3 - Adriatic Adaptation Award. In this video, Roberta Frisoni from the Municipality of Rimini, explains in detail the complex project to make the city waterfront a sort of barrier against climate change impact with nature-based solutions and, at the same time, to provide citizens functional spaces for city life. The Parco del Mare is an environmental and service infrastructure dedicated to wellness, quality of life, and healthy eating that aims to regenerate its 16 km of coastline in-depth and over time. A physical and spatial transformation is based on a profound cultural and relational change and is intended to be the reference for the involvement of new investors and the renewal of existing activities. The project meets the following objectives: To make the Promenade safe from a hydraulic point of view; To pedonalise the Promenade by eliminating the lanes dedicated to traffic and the existing unevenness between the pavements and the road surface, thus recreating the connection between the city and its sea; To give a new image to the Promenade through a new design, new materials and new choices for the vegetation to improve the comfort and microclimate of the Promenade by inserting some shady islands obtained by the insertion of first, second and third size trees; To increase the permeability of the areas through the provision of "green sardines" and the use of draining materials for the pavements; To provide spaces dedicated to sports and cultural functions to increase the area's attractiveness throughout the year.

The project is the result of analyses and evaluations involving technicians, citizens, and local businesses on complex choices.

The Video has been published on the CREATE Youtube channel <https://ytube.io/3mN1>

