

PROJECT PARTNERS



WHO WE ARE

Nineteen partners from Italy and Croatia engaged in finding solutions to the consequences of climate change related to the coastal areas and islands of the Adriatic Sea.

LEAD PARTNER

Arpae - Regional Agency for Prevention, Environment and Energy in Emilia-Romagna

PROJECT PARTNERS

CNR-ISMAR (IT) / ARPA Veneto (IT) / Agency of Development of Zadar County ZADRA NOVA (HR) / Dubrovnik Neretva County (HR) / Ruder Boskovic Institute (HR) / RERA Split – Dalmatia County (HR) / Institute of Oceanography and Fisheries (HR) / Puglia Region (IT) / CMCC Foundation (IT) / University of Bologna (IT) / ARPA FVG (IT) / ISPRA (IT) / Marche Region (IT) / ULSS3 Serenissima (IT) / Molise Region (IT) / Emilia-Romagna Region (IT) / City of Venice (IT) / Region of Istria (HR)

AdriaClim is funded by the Interreg Italy-Croatia Programme.

Interreg is one of the key instruments of the European Union (EU) that supports cross-border cooperation between Italy and Croatia through the financing of joint projects aimed at solving problems through the exchange of knowledge and experiences in all segments and improving the quality of life for more than 12.4 million citizens in that area.

CONTACT

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(Arpae)

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Discover more about AdriaClim

www.italy-croatia.eu/adriaclim



AdriaClim

Climate change information,
monitoring and management tools
for adaptation strategies
in Adriatic coastal areas



Protect the coast,
adapt to climate change!



ADRIACLIM

AdriaClim is a new cross-border cooperation project that supports the development of scientific plans to adapt to the consequences of current climate change and the challenges that await us, and to turn potential threats into economic opportunities. AdriaClim will develop regional and local adaptation plans based on up-to-date meteorological and oceanographic information for the Adriatic Sea.






PROJECT OBJECTIVES

The goal of AdriaClim is to increase the capacity to develop new and update existing plans for adaptation to climate change in the Adriatic. Strategies to mitigate its effects on coastal and marine areas at risk will be developed. Capacities and cooperation on climate change monitoring and modeling systems will be improved, and an advanced information system, tools and indicators for optimal climate change adaptation planning will be developed.

WHY ADRIACLIM?

The Adriatic coastal and marine areas are particularly vulnerable to the effects of climate change.





By 2050, according to "Piano Nazionale di Adattamento ai Cambiamenti Climatici (PNACC)" (National Climate Change Adaptation Plan) issued in 2017, the Adriatic Sea is supposed to experience major climate change:

-  The temperature of the Adriatic Sea is expected to increase by about **+ 1.5 / 1.6 °C**.
-  The sea level in the Adriatic Sea is expected to increase by **7cm possibly leading to coastal erosion**.
-  With increasing temperature and volume, **the salinity of the Adriatic Sea is supposed to increase**.
-  Fresh water **salinization** and **coastal erosion** are possible.
-  Adverse effects on the **marine ecosystem are inevitable**.

OUTPUTS

In Italy and Croatia climate monitoring, modelling and adaptation are necessary to face adverse climate change effects (or impacts) and to turn potential threats into economic opportunities.

AdriaClim aims to achieve the following results:

-  Develop accurate information able to support the development of regional and local climate change adaptation plans.
-  Plan a coastal adjustment, for a sustainable blue economy, based on reliable and accurate information.
-  Contribute to fill the gaps in existing observing systems and enhance and complement the existing modelling capacity by developing high resolution integrated models.
-  Consolidate planning of measures for strengthening the adaptation capacity in Italy and in Croatia also building upon cross-border cooperation during and after project completion.

KEY PROJECT NUMBERS

PROJECT DURATION
01/01/2020 - 31/12/2022



TOTAL BUDGET
8.823.415,00 €



ERDF
7.499.902,75 €



APPROACH

AdriaClim addresses the identified territorial challenges by proposing a clear and structured work plan that results in outcomes that are:



integrated

climate risks and impacts on coastal and marine areas are included in the planning of activities



designed

partnership with external actors



holistic

work on improving the climate monitoring system and proposing solutions



geographically distributed

activities are carried out in almost all Adriatic coastal regions



tangible

development of climate adaptation plans for 9 pilot areas (6 Italian and 3 Croatian)



available

facilitated knowledge sharing and capacity building



long-term

creation of a Transnational Expert Management Body



complementary

the proposed activities are fully integrated into existing systems