

# Joint\_SECAP

## JOINT STRATEGIES FOR CLIMATE CHANGE ADAPTATION IN COASTAL AREAS

The project idea reflects the necessity to operate at a wider district level and better define strategies and actions for climate change adaptation, especially for those weather and climate changes and hydrogeological risks affecting coastal areas.

01.01.2019 - 30.06.2021

Total budget: € 2.094.857,00  
Financing is provided from ERDF: €1,78 MLN  
National co-financing: € 314.288

### LEAD PARTNER



### PROJECT PARTNERS



Sustainable Energy and Climate Action Plan (SECAP) for the cities of Kastav and Opatija and the municipalities of Čavle, Matulji and Viškovo

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European Regional Development Fund

## MAIN VULNERABILITIES AND RISKS OF CLIMATE CHANGE

- Risk of damage to water supply sector due to extensive drought periods.
- Risk of increasing interventions related to heat strokes in health sector.
- Risk of economic damage to the tourism sector

## MAIN MEASURES FOR ADAPTATION TO CLIMATE CHANGE

- Reconstruction of the water supply network and smart equipment installation.
- Analyzing the possibility to introduce wastewater recycling methods and rainwater harvesting solutions.
- Assessing the economic value of groundwater and valorization of water sources.
- Upgrading the healthcare infrastructure in order to meet the requirements imposed by extreme weather conditions and seasonality in tourism.

## MAIN MEASURES TO MITIGATE CLIMATE CHANGE

1. Education of employees, managers and users of publicly owned buildings about energy efficiency measures and the use of renewable energy sources.
2. Integrated energy efficiency retrofit of publicly owned buildings by nZEB principles.
3. Installation of photovoltaic solar collectors for electricity production on the roofs of public buildings.
4. Installation of thermal solar collectors on public buildings for the production of domestic hot water.
5. Introduction of smaller, interconnected, environmentally friendly buses.
6. Construction of charging stations for electric vehicles in public parking areas.
7. Replacement of existing lighting with LED.

