

Impacting hydrological cycle management with a focus on groundwater for climate change adaptation in the San Salvador Metropolitan Area.

Actions aimed at generating new information for the protection and increase of water availability, as well as pilot projects to generate conditions for adaptation to extreme events related to climate change.



Implementation period
36 months

Countries

El Salvador

EU grant amount
€1.500.000

Overall Project amount
€1.800.000

Objectives:

General:
Contribute to the implementation of the Nationally Determined Contribution, NDC, based on the development of management plans for water recharge zones in the Metropolitan Area of San Salvador, El Salvador. This being part of the national and metropolitan climate agenda focused on reducing vulnerability, strengthening 6 capacities for adaptation and sustainable resource use.

Especific:
Strengthen urban water cycle management to promote resilience to the effects and challenges of climate change in the SSMA, through a systematised process and a governance model for an adequate urban water cycle management in order to achieve a sustainable use of water resources.

Pilot sites

El Salvador, San Salvador Metropolitan Area, comprising 14 municipalities. It will increase resilience to expected changes in rainfall and temperature regimes related to climate scenarios for sustainable water management.

Other beneficiaries:

- 14 municipalities of the San Salvador Metropolitan Area
- Civil society organisations
- Private enterprise and construction investors

Beneficiaries:

- Direct:**
- Council of Mayors of the San Salvador Metropolitan Area: 12 men and 2 women.
 - Planning Office of the San Salvador Metropolitan Area, project leader: 51 women and 49 men.
 - Ministry of Environment and Natural Resources, including 4 directorates: Citizen and Institutional Attention, Environmental Assessment and Compliance, Environmental Observatory and Climate Change and Communications Units.
 - National Water and Sewerage Administration, with the Department of Research and Hydrogeology.
 - Population of the SSMA that makes use of the water resource: 850,198 women, 724,804 men, of which 716 men and 1112 women will benefit as an indigenous population located in the SSMA.
- Indirect:**
- Representatives and students from academia, especially from the Universities of El Salvador and Central American José Simeón Cañas Institutions that comprise the Metropolitan Development Council:
 - Ministry of Public Works and Ministry of Health

Map- Project intervention areas



Expected results

1. The SSMA has metropolitan-scale mapping that considers the effects of climate change in the fields of hydrogeology, recharge areas, vulnerability and risk of aquifer contamination that affects sustainable territorial planning.
2. The technical capacities and regulatory instruments of the San Salvador Metropolitan Area have been strengthened for urban management of the water cycle, especially groundwater, which have an impact on decision-making in the territory.
3. Implemented under metropolitan governance schemes pilot projects for the protection of water resources based on sustainable water cycle management strategies.

Partners

Co-Applicants



MINISTERIO DE MEDIO AMBIENTE Y RECURSOS NATURALES



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Cofinanciado por:

Implementado por:

