

# Senegal: Integrated Water Security and Sanitation Project

2024 - 2029

**World Bank**

Senegal

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## NATURE BASED SOLUTIONS

grassland and other vegetation, ponds, lakes, small water bodies

The objective of the Integrated Water Security and Sanitation Program Multiphase Programmatic Approach (MPA) Including Phase 1 Credit for the Integrated Water Security and Sanitation Project for Senegal is to improve access to safe water supply and sanitation, and to increase resilience to flood and drought risks. There are four components to the project, the first component being water resources management and protection. This component will promote water security and resilience to climate change-exacerbated droughts and floods through the restoration of depleted or polluted sources and improved management. This component includes three subcomponents: Restoring strategic water resources of Lac de Guiers, Improving Diass and Littoral Nord groundwater recharge and management, and Strengthening WRM governance and developing new water sources in the Niayes area and in the Groundnut Basin. The second component is the Improving sanitation in a circular economy. This component includes three subcomponents: Improving access to urban sanitation, strengthening Irrigation Systems, and Improving access to rural sanitation. The third component is the improving water supply services. This component includes two subcomponents: Improving urban water supply services and improving rural water supply services. Finally, the fourth component is the Sectors reforms, strengthening citizen engagement, and project management. The project will implement NBS to restore aquifers, including retention systems and soil restoration, as well as conduct nature-based landscaping activities to enhance

groundwater recharge.

### LEARN MORE

<https://projects.worldbank.org/en/projects-operations/project-detail/P178673>

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#### INTERVENTION

Hybrid

#### HAZARD

coastal flooding  
drought

#### SCALE

Local

#### RISK REDUCTION BENEFITS

reduce flood risk, water conservation, Drought risks reduced, Soil Conservation and/or Protection

#### DONORS

ida

#### EST. MONETARY COST

(TODAY'S US\$)

**3.7**

#### EST MONETARY BENEFITS

**Unknown**

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