

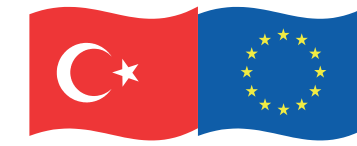


## Targets Regarding Water Management in the 11<sup>th</sup> Development Plan

- Within the scope of protection, development and sustainable use of water resources, basin-based plans, strategies and action plans will be put into practice as a whole.
- River basin management plans, sectoral water allocation plans, basin master plans, drought management plans, flood management plans, drinking water basins protection action plans will be completed for 25 basins in order to use and protect water resources effectively.
- Basin-based planning will be made for the reuse of treated wastewater, primarily for agriculture, and the pressure on water resources will be reduced.
- The quality and quantity of the groundwater reserve will be determined.

- The dissemination and sustainability of the national water information system will be ensured.
- Efficient, sufficient and standardized provision of drinking water and wastewater services will be ensured, and operational performance and investment efficiency of responsible institutions will be improved.
- Legislative arrangements will be made for the establishment of water and sewerage administrations on a provincial basis in places other than the metropolitan municipality.
- A reimbursement system will be developed to ensure that DSI's (General Directorate of State Hydraulic Works) drinking water project financing is sustainable in the provision of drinking water investments and services.
- It will be developed to reduce physical losses.

- The PPP model will be expanded for the efficient operation of wastewater treatment plants, and existing obstacles about wastewater such as control, lack of technical knowledge and capacity will be quickly and effectively overcome.
- Drinking water, sewerage, solid waste disposal and wastewater treatment infrastructure investments will be made in tourism regions.
- Financial support will be provided for the quality and accessible road network, drinking water, waste water plant, small irrigation facility construction works of villages and towns.
- Priority will be given to strengthening common areas such as hospitals, schools, dormitories, and critical infrastructures such as energy, transportation, water and communication, which are of particular importance in disaster preparedness and post-disaster response.



This project is co-funded by  
the European Union and Republic of Turkey.

# TURKEY'S WATER MANAGEMENT POLICY AND CLIMATE ADAPTATION



In our country the issues of developing strategies for climate change adaptation and sustainable water management (surface water and groundwater), determining the needs in different sectors (drinking water, industry, irrigation) and ensuring realistic supply/demand balances; ensuring efficient use of water resources and minimizing the pressures on water quality that will be caused by sudden changes in the basin scale (drought and flood); developing dams (drinking water/ industrial water supply, irrigation, hydroelectric power, flood control dams); construction of irrigation and drainage systems; improvement of water supply and treatment plants come to the fore.

Legislation directly related to water management about climate change adaptation:

- Environment Law (2872)
- Environmental Impact Assessment (EIA) Regulation
- Regulation on the Protection of Wetlands (17.05.2005)
- Regulation for Water Pollution Control (31.12.2004)
- Zoning Law (3194)
- Law on the Utilization of Renewable Energy Sources for Electricity Generation (5346)

Secondary legislation on water security and safety about climate change adaptation:

- Constitution
- The Communiqué on the Determination of Closed Bays and Gulf Areas as Sensitive Areas Where Fish Farms Cannot Be Established in the Sea
- Communiqué on Wetlands

## NATIONAL ADAPTATION STRATEGY AND ACTION PLAN IN THE FIELD OF WATER RESOURCES MANAGEMENT

**Prioritized Target 1. Integrating Adaptation to The Impacts of Climate Change into Water Resource Management Policies**

- Prioritized Target 1.1. Ensuring integration of climate change adaptation into existing strategy, plan and legislation

**Prioritized Target 2. Strengthening Water Resources Management Capacity, Interagency Cooperation and Coordination on Climate Change Adaptation**

- Target 2.1. Increasing the institutional capacities of agencies and organizations that are authorized and related to management of water resources
- Target 2.2. Developing financing policies and practices

**Prioritized Target 3. Development and Expansion of R&D and Scientific Studies to Ensure Adaptation to the Impacts of Climate Change in the Water Resources Management**

- Target 3.1. Strengthening existing systems and establishing new systems to monitor the effects of climate change
- Target 3.2. Determining the vulnerability of management of water resources and coastal management against climate change, developing alternative adaptation options, making periodical revisions based on monitoring result

**Prioritized Target 4. Integrated Management of Water Resources in Water Basins for Climate Change Adaptation**

- Target 4.1. Planning basin-based development of water resources with a holistic approach that offers flexibility in meeting the changing consumption demands
- Target 4.2. Addressing urban water management from the perspective of climate change adaptation

**Prioritized Target 5. Planning Renewable Energy Resources Taking into Consideration the Impacts of Climate Change and the Sustainability of Ecosystem Services Oriented to Increase Resilience to Climate Change**

- Target 5.1. Planning and operation of hydraulic and geothermal energy resources with a climate change adaptation perspective

### T.C. Çevre ve Şehircilik Bakanlığı Çevre Yönetimi Genel Müdürlüğü

Mustafa Kemal Mah. Eskişehir Devlet Yolu  
(Dumlupınar Bulvarı) 9. Km No:278  
Çankaya / Ankara

Tel: +90 (312) 410 10 00

Bu yayın Avrupa Birliği'nin ve Türkiye Cumhuriyeti'nin maddi desteği ile hazırlanmıştır. İçerik tamamıyla WEGlobal Danışmanlık A.Ş.'nin liderliğindeki konsorsiyumun sorumluluğu altındadır. Türkiye Cumhuriyeti ve Avrupa Birliği'nin görüşlerini yansıtmak zorunda değildir.



iklimiduy.org



facebook.com/iklimiduy



twitter.com/iklimiduy



İklimi Duy Projesi



instagram.com/iklimiduy