



# CLIMATE CHANGE ADAPTATION & ACTION PLAN

For Central Anatolia Region, Türkiye

## Why Adaptation Matters for Central Anatolia Region

Central Anatolia is facing the growing threat of climate change: increasing temperatures, reduced rainfall, frequent droughts, and extreme weather events. These changes are putting pressure on water resources, food production, public health, and infrastructure. The region's unique steppe ecosystems, agriculture-dependent economy, and water-scarce geography make it especially vulnerable.

Adaptation is not optional—it's essential for safeguarding livelihoods, ecosystems, and urban life. This long-term adaptation plan outlines actionable strategies to build resilience across the region by promoting sustainable development, encouraging innovation, and protecting future generations.

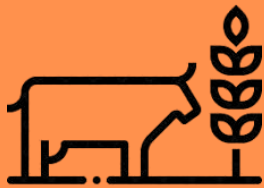
Key Sectors at Risk &  
Priority Actions

How will These Actions  
Be Implemented?









Monitoring, Learning &  
Innovation



## Key Sectors at Risk & Priority Actions











### AGRICULTURE & LIVESTOCK

-  Use drought-resistant crops and smart irrigation 
-  Collect rainwater, use soil cover 
-  Emergency fodder storage 
-  Farming apps to help farmers 

### WATER RESOURCES











-  Manage water use across river basins 
-  Collect rainwater in cities and villages 
-  Fix and improve irrigation and water supply systems 
-  Set fair water prices to save water 



## Key Sectors at Risk & Priority Actions











### FORESTRY & BIODIVERSITY

-  Plant trees that can survive drought 
-  Build green corridors so animals can move safely 
-  Improve systems to detect and stop wildfires early 
-  Protect nature-rich areas 

### ENERGY



-  Build more solar and wind power to depend less on water 
-  Improve hydropower plants to work well with less water 
-  Use treated wastewater and better cooling for power plants 
-  Save energy in buildings, factories, and city services 



## Key Sectors at Risk & Priority Actions



### PUBLIC HEALTH

- Set up heatwave alerts, run public awareness campaigns
- Strengthen hospitals and clinics
- Watch for climate-linked diseases
- Train health workers and educate communities

### URBAN INFRASTRUCTURE



- Improve drainage systems to prevent flooding in cities
- Plan cities to resist climate impacts using green spaces
- Plant more trees, use green roofs, and reflective materials
- Create disaster plans for cities



## Key Sectors at Risk & Priority Actions






### TOURISM & CULTURAL HERITAGE

- 
 Tourism in different seasons (cultural, wellness, farm) 
- 
 Protect historic sites and natural areas 
- 
 Use water and energy wisely in hotels 
- 
 Support rural tourism projects 

## How will These Actions be Implemented?

### PRACTICAL & PARTICIPATORY APPROACHES

-  Farming apps and smart energy systems
-  Planning, training, and hands-on projects
-  Use nature-based solutions like green areas

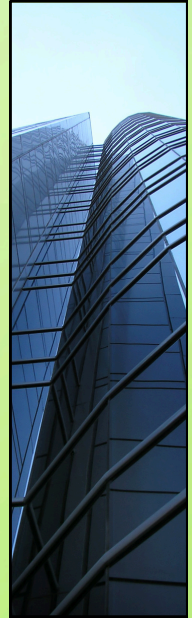




# How will These Actions be Implemented?

## REGIONAL COORDINATION & INSTITUTIONAL SUPPORT

- ✓ Involve key ministries
- ✓ Work with local governments
- ✓ Partner with universities
- ✓ Use public-private partnerships



## MONITORING, LEARNING & INNOVATION



Local teams to track climate adaptation ✓

Platforms for sharing knowledge ✓

Test new ideas with pilot projects ✓

Educate people to raise awareness ✓





## Get Involved

**Adaptation is a shared responsibility. Whether you're a farmer, city planner, student, health worker, or business owner, your actions matter. Join local initiatives, stay informed, adopt sustainable practices, and advocate for climate-smart solutions.**

*“Together, we can build a resilient, sustainable, and thriving Central Anatolia”*