



**AFFORESTATION AND EROSION CONTROL  
MOBILIZATION ACTION PLAN IN TURKEY (2008-2012)  
IN COMBATING GLOBAL WARMING,  
CLIMATE CHANGE AND DESERTIFICATION**



**GROWING A GREEN FUTURE**

**2 BILLION SEEDLINGS IN 5 YEARS...**

**Republic of Turkey  
The Ministry of  
Forestry and Water  
Affairs**



# Global warming, climate change, desertification and drought are considered as the most important global problems of today.

**There are two fundamental ways in combating desertification, drought and climate change**

- Reducing greenhouse emissions
- Increasing carbon sequestration areas:  
One of most important carbon sequestration areas are forests





## In order to reduce the effects of global warming, climate change and desertification;

- Increasing forest assets,
- Improving degraded forest areas,
- Soil protection and erosion control are the most significant measures.



The amount of annual soil loss transported by soil erosion has been reduced to **168 million tonnes/year** by the end of 2014 while it was **500 million tonnes/year** in 1970s.





**While forest assets are decreasing constantly in the World,  
Turkey is one of the countries which increases  
its forest assets.**

**Forests which were 20.2 million hectares of land in 1973  
reached to 22.4 million hectares in 2015.**



# The greatest afforestation and erosion control project of Turkey

**Turkey is among the countries which will be affected by climate change and desertification because of its geographical location.** There is active erosion in 59% of agriculture lands, 54% of forest lands and 64% of rangelands in Turkey. 48% of forests are degraded. Therefore, the government has decided to initiate Afforestation and Erosion Control Mobilization.

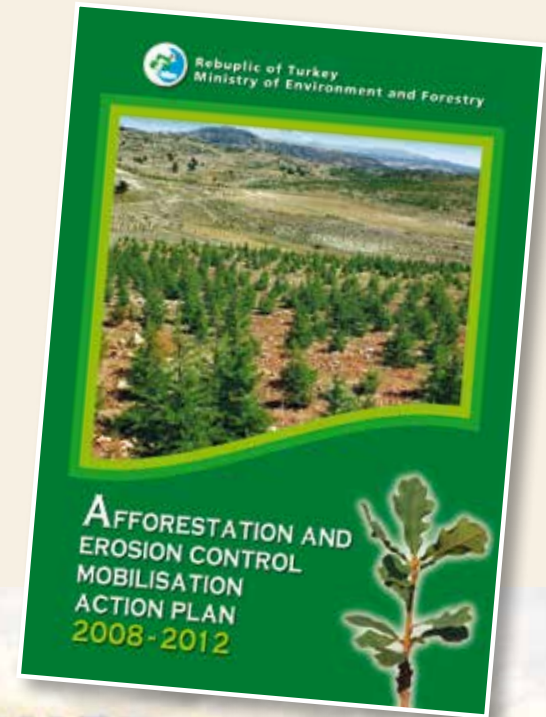
All national institutions and organisations, civil societies, and our people combined forces, mobilising our national resources, to eliminate or mitigate the impacts of desertification and drought through erosion control, afforestation, and restoration of degraded forestland and pastureland.



The Afforestation and Erosion Control Mobilisation Action Plan (2008-2012), initiated within the scope of the law No:4122, "The Law on National Afforestation and Erosion Control Mobilisation", took effect following the Circular of Prime Ministry numbered 2007/28 on "Afforestation Mobilisation" published in the Official Gazette on 1 November 2007.

The Mobilisation Action Plan aimed to increase the forestlands, rehabilitate degraded forestlands, prevent erosion, and to minimise the impacts of climate change in Turkey.

Afforestation and erosion control works within the scope of mobilisation brought together not only public institutions and organisations, but all segments of the public, including numerous corporates, civil society organisations, universities, and students.







## 2 billion seedlings in 5 years...

Afforestation, rehabilitation, erosion control and rangeland rehabilitation works are targeted in **2,300,000 hectares of land in 5 years** in the scope of Afforestation and Erosion Control Mobilization Action Plan (2008-2012)





**(2008 - 2012) Targets were exceeded;**  
**2 billion seedlings have been planted in 2,429,604 hectares**  
**and mobilization of afforestation has been realized.**



# Cooperation of State and Nation...

In the **five years** of mobilisation...

Afforestation in **210,169 hectares**

Soil protection afforestation in **315,889 hektares**

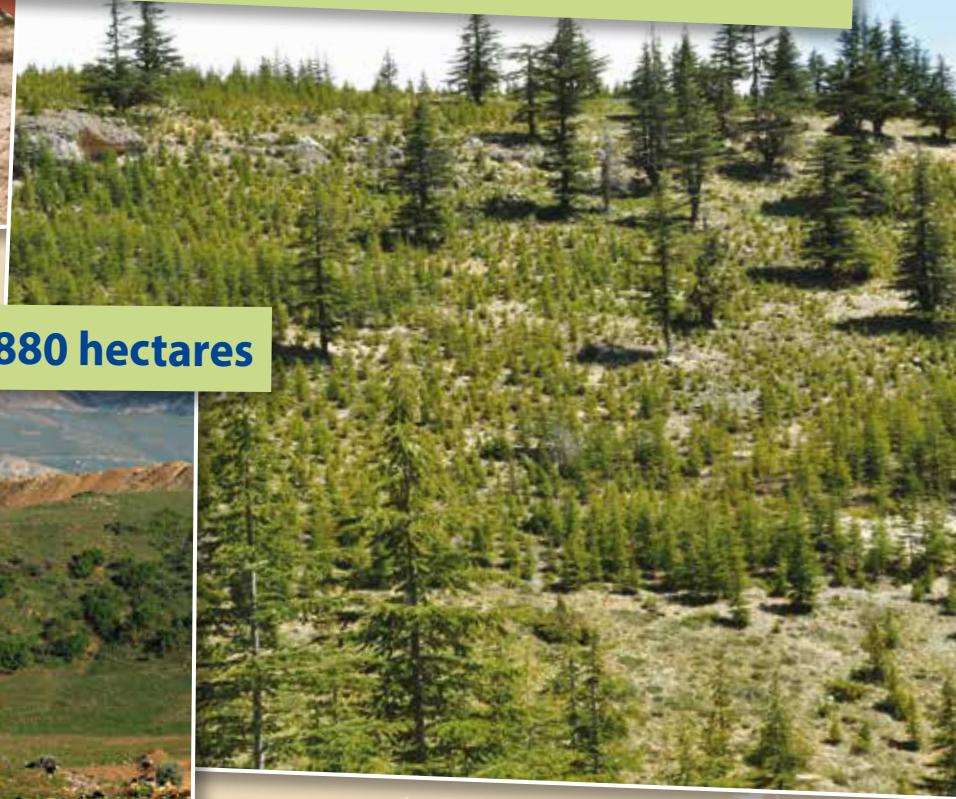




Private afforestation in **49,385 hectares** were realized.



**1,750,829 hectares** of degraded forest were rehabilitated



Rangeland rehabilitation was realized in **37,880 hectares**





Roadsides, schools, hospitals, health centers, sanctuaries and cemeteries were afforested within action plan works in addition to afforestation, rehabilitation, erosion control and rangeland rehabilitation works.

- 8,135 km highway, 2,262 km village roads
- 27,000 school yards,
- 1,095 health centers and hospital orchards,
- 9,826 sanctuaries and cemeteries were planted.







Within the **“Schools Are Life”** project, 4,137 school yards were rearranged through afforestation works.





# Green Belts in Cities...

## Green Belt Afforestations around cities are carried out.

The rural to urban emigrations lead to increased population density in cities, thus increasing the need for recreational areas. Our green belt afforestation works and city forests aim to relieve this need.





## A Forest for Each Village...

The “A Forest for Each Village” project included maintenance, rejuvenation, afforestation, recreational rearrangement, and forest resort establishments on 19,127 hectares of land.





**Our nation has adopted the mobilization action plan.**

## Memorial Forests...

The mobilisation raised a **11.5 million USD financial support as of 2012**, and **15.2 million saplings were planted on 79,288 hectares of land in the honour of all private and legal contributors**, thus creating numerous memorial forests.

Private and legal entities, and Civil Society Organisations planted 12,905,009 saplings on 12,348 hectares of land.





# Effect of Activities on Employment...

**The Action Plan provided employment opportunities to rural populations.**

Seed and sapling production, afforestation, rehabilitation, erosion control and other such activities carried out within the Action Plan provided a 6-months employment opportunity to approximately **300,000 people each year.**





# Seedling support...

**In five years of mobilization 2 billion saplings were produced in nurseries.**

**In addition, nursery support was provided to farmers and “Guaranteed Purchase” seedlings were produced.**

109 million seedlings were distributed to population free of charge in five years in the scope of Action Plan.





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The most efficient ways to combat the impacts of global warming and climate change include afforestation and erosion control activities.

**AKŞEHİR  
IN THE PAST**



**Hand to hand for a more green and  
liveable world**

**AKŞEHİR  
TODAY**



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