



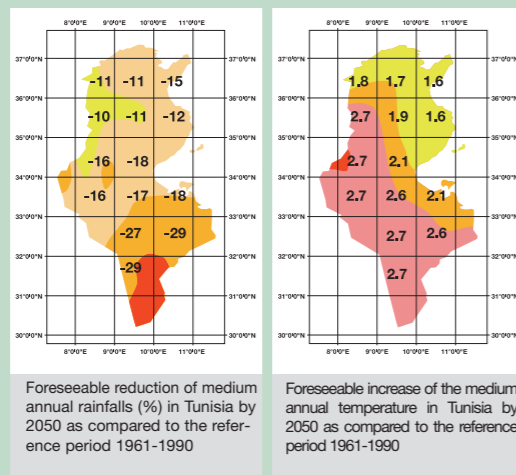
Republic of Tunisia

Tunisia's vulnerability to climate change

According to climate scenarios developed by the Intergovernmental Panel on Climate Change (IPCC), the Mediterranean basin has been identified as one of the most vulnerable regions to climate change.

This vulnerability may lead to changes in the climate on the short, medium and long term, including a distinct increase of average temperatures, a notable reduction of precipitations, with a clear tendency to increase the frequency and the intensity of extreme climate events.

In Tunisia, the strategic study on the vulnerability and the adaptation of agriculture and ecosystems (MARH, GIZ-2007) developed the following scenarios:



- A rise in temperature between 1.6°C and 2.7° C by the year 2050, compared to the reference period 1961-1990.
- A decrease in rainfall between 10% and 30% by the year 2050, compared to the reference period 1961-1990 accompanied by changes in the rainfall distribution and an increase of extreme precipitations.

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National Portfolio on the Adaptation to Climate Change

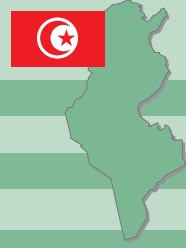


June 2012



Ministry of Environment

General data on Tunisia



Surface area : 163.610 sq km

Coastline : 1300 km

Capital : Tunis

Population : 10.5 million inhabitants (July 2010 estimation)

Density : 67 inhabitants/sq km

Urban population : 65.9%

Economically active population: 3.8 million people

GDP : 45.8 Mds\$

GDP/hab : 4,200 \$

contribution of the main sectors in GDP:

Agriculture/fishing: 8.3%; manufacturing industry: 15.4%; non-manufacturing industry: 11.5%;

services : 63.9% (including market services: 47.9%)

Contribution of agriculture in employment: 20%

Water resources: 4.8 billion cubic m including 2.6 billion cubic m surface water and 2.2 billion cubic m groundwater.

● **Useful websites:**

<http://www.investintunisia.tn>

<http://www.environnement.gov.tn>

Adaptation to climate change: a national priority

Tunisia was among the first countries to adhere to the efforts of the international community to combat climate change by ratifying the UN-Framework Convention on Climate Change in July 1993 and the Kyoto Protocol in June 2002.

Considering the inevitable impact of global warming on ecosystems, water resources, health and economic activities, the international community is increasingly aware of the importance to implement strategies and national adaptation programs especially in the developing countries.

As one of the forerunners in this field, Tunisia has already initiated the implementation of an adaptation policy supported by sectoral strategies in the priority areas such as agriculture, ecosystems, water resources, health, tourism and coastal areas.

A national strategy on climate change in Tunisia is being developed. It has been initiated by the Ministry of Environment with the support of GIZ. It includes all sectors vulnerable to CC in a consultation process aimed at preparing the necessary elements for the political decision makers who govern the country and help them to make the appropriate decisions related to climate change.

The present portfolio is an update of a first version published in November 2010. It synthesizes the principal adaptation projects resulting from the sectoral adaptation to climate change strategies, studies on the vulnerability of ecosystems and agrosystems developed in the framework of the CCC/GIZ project to support the implementation of UNFCCC as well as other technical or financial cooperation projects.

Synthesis of the portfolio of adaptation projects

Sector	Number of projects	Amount in MDT
Agrosystems	9	34
Ecosystems	18	623
Marine erosion and coastal protection	9	355
Water resources & reuse of treated water	3	229
Tourism	5	16
Health	5	9
Total	49	1288

Shares of the different intervention sectors in the portfolio (MDT)

