



1



2



3



4



5



6

The main natural and technological risks threatening **Tunisia**

DROUGHT

The main natural and technological risks threatening **Tunisia**

Direct consequence of climate change: The climate of Tunisia is highly variable. Seasonal and monthly rainfall patterns are often disrupted, and drought poses the greatest danger facing Tunisia

The collage includes a person holding a small plant, a cracked dry field, a person holding a large amount of grain, and a map of Tunisia showing rainfall patterns for 1960-1961. The map labels cities like Bizerte, Tunis, Béja, Nabeul, Le Kef, Kairouan, Sousse, Kasserine, Sfax, Gafsa, and Gabes, with rainfall contours at 400, 200, 100, and 100 mm.

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The main natural and technological risks threatening **Tunisia**

Forest Fires

4169 Fires

91090 Hectares

The collage includes a map of Tunisia with fire hotspots, firefighters, a helicopter, and a large fire.

| Year | Number of Fires |
|------|-----------------|
| 2024 | 150 |
| 2023 | 436 |
| 2022 | 729 |
| 2021 | 485 |
| 2020 | 459 |
| 2019 | 277 |
| 2018 | 183 |
| 2017 | 334 |
| 2016 | 374 |
| 2015 | 312 |
| 2014 | 430 |


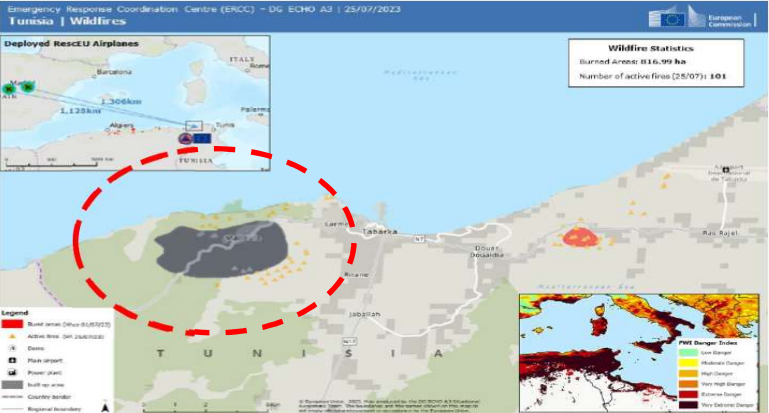
8

The main natural and technological risks threatening Tunisia

Forest Fires

DG ECHO ERCC Analytical Brief

Tunisia - Wildfires
DG ECHO A3 - Situational Awareness Team – 25 July 2023 16.00 UTC

Emergency Response Coordination Centre (ERCC) - DG ECHO A3 | 25/07/2023

Tunisia | Wildfires

Deployed Rescue Airplanes

Wildfire Statistics
Burned Area: 816,499 ha
Number of active fires (25/07): 101

Legend

- Burned Area (05/07/2023)
- Active fires (25/07/2023)
- Emergency Response Airplane
- Water airport
- Power plant
- Submarine cable
- Coastline boundary
- Regional boundary

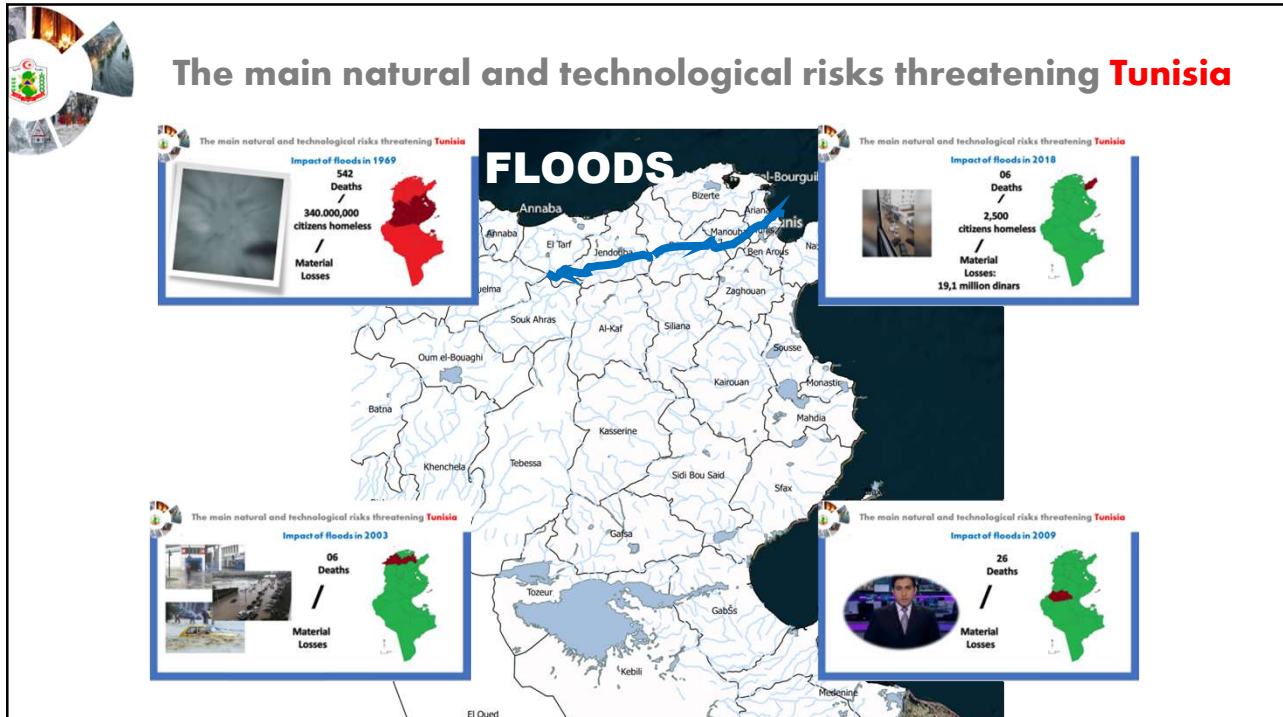
Fire Danger Index

- Low Danger
- Medium Danger
- High Danger
- Very High Danger
- Extreme Danger
- Very Extreme Danger

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The main natural and technological risks threatening Tunisia

FLOODS



The main natural and technological risks threatening Tunisia

Impact of floods in 1969

- 542 Deaths
- 340,000,000 citizens homeless
- Material Losses

The main natural and technological risks threatening Tunisia

Impact of floods in 2018

- 06 Deaths
- 2,500 citizens homeless
- Material Losses: 19,1 million dinars

The main natural and technological risks threatening Tunisia

Impact of floods in 2003

- 06 Deaths
- Material Losses

The main natural and technological risks threatening Tunisia

Impact of floods in 2009

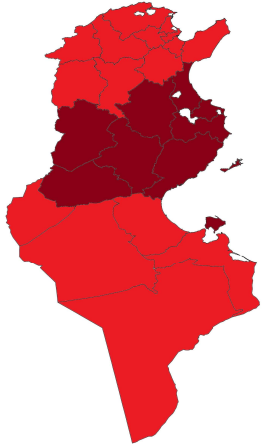
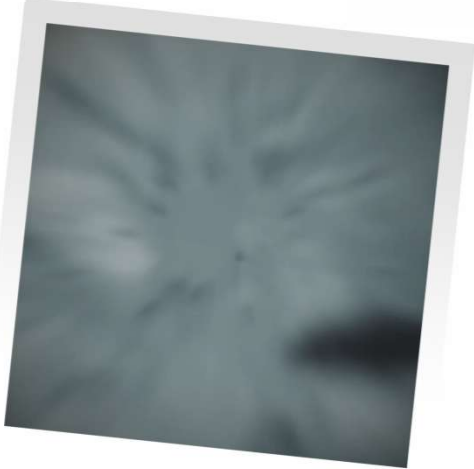
- 26 Deaths
- Material Losses

10

The main natural and technological risks threatening **Tunisia**

Impact of floods in 1969

542
Deaths
/
340.000,000
citizens homeless
/
Material
Losses





11

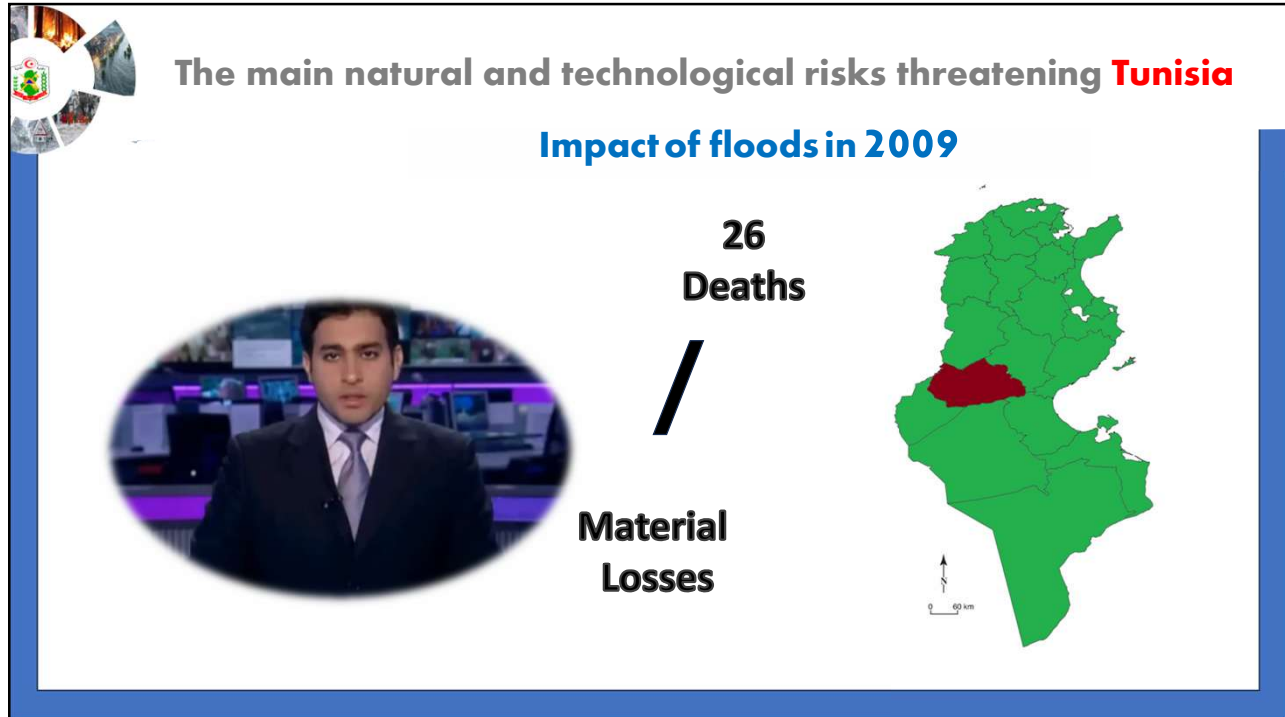
The main natural and technological risks threatening **Tunisia**

Impact of floods in 2003

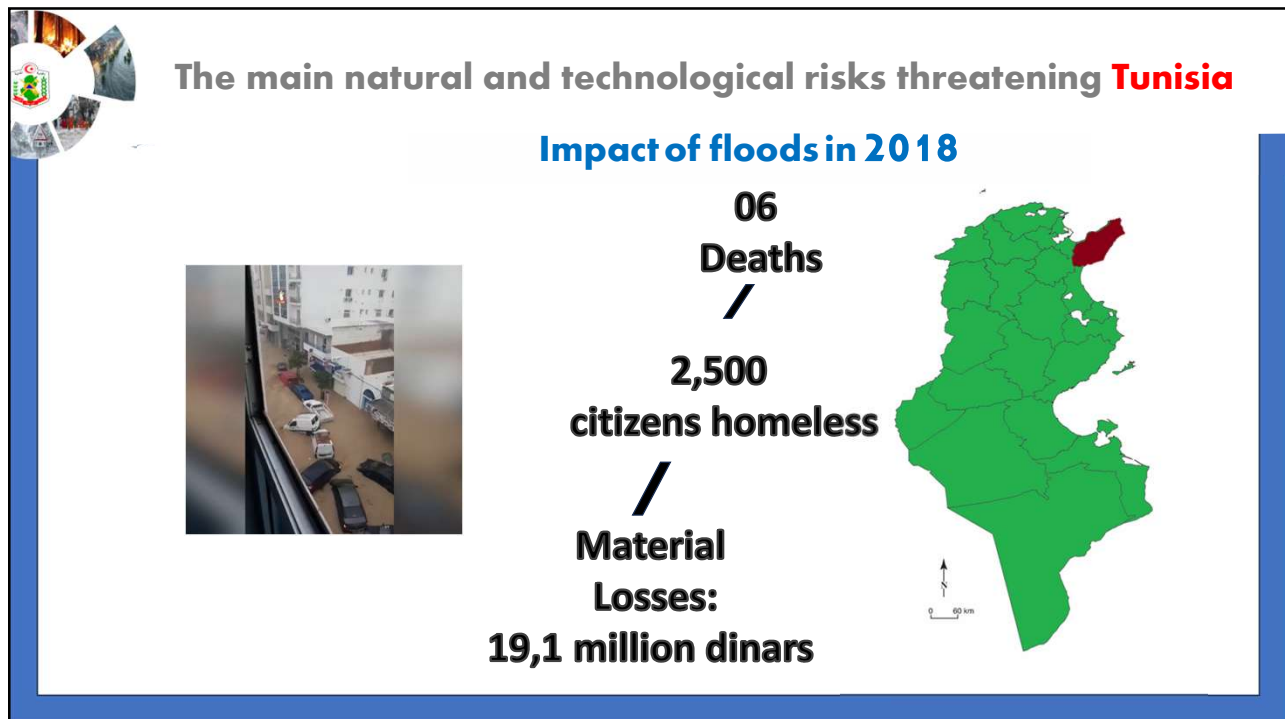
06
Deaths
/
Material
Losses



12



13



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The main natural and technological risks threatening **Tunisia**

Marine Pollution

1,360 km
Of coastline



15



The main natural and technological risks threatening **Tunisia**

Marine Pollution

1,360 km
Of coastline



16



The main natural and technological risks threatening **Tunisia**

Marine Pollution



1,360 km
Of coastline



17



The main natural and technological risks threatening **Tunisia**

Marine Pollution



1,360 km
Of coastline



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The main natural and technological risks threatening **Tunisia**

TECHNOLOGICAL RISKS

Technological risks are risks originating from human activities, such as industrial, chemical, nuclear, and biological risks



Production



Transport



Warehousing



Handling



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The main natural and technological risks threatening **Tunisia**

Snowfall



Jendouba
KEF
Kasserine
Siliana

0 60 km



Medical evacuation



Snowbound regions



Provisioning of citizens



Road closure

20

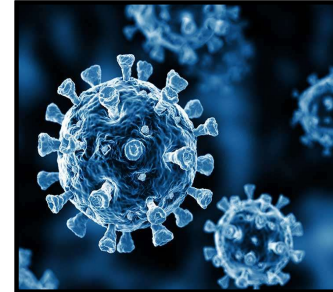


The main natural and technological risks threatening **Tunisia**

Epidemic

The COVID-19 pandemic result in a -4.4% economic growth in 2020, compared to the growth initially forecasted in the 2020 Finance Act.

Lockdowns and the decline in production also lead to an increase in the unemployment rate, by 21.6% compared to the current 15%, meaning nearly 274,500 new unemployed individuals in 2020.



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The main natural and technological risks threatening **Tunisia**

Humanitarian crisis



In 2011 ,in three days, **100,000** refugees flowed into the Ras Jedir border crossing from Libyan territory.

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The main natural and technological risks threatening **Tunisia**

Humanitarian crisis

10697 Refugees received first aid and medical transportation.

- 94% of cases were treated at Ras Jedir, and 6% at Dhiba.
- 85% were treated on-site by the ONPC, while 15% were transferred to hospitals.



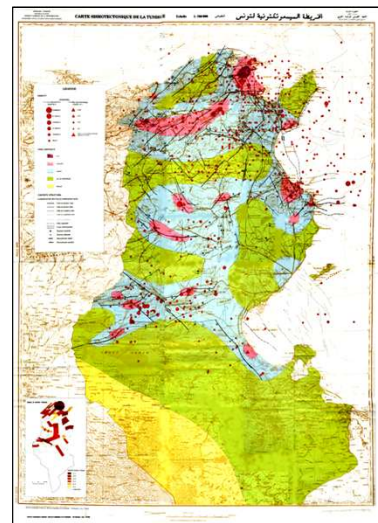
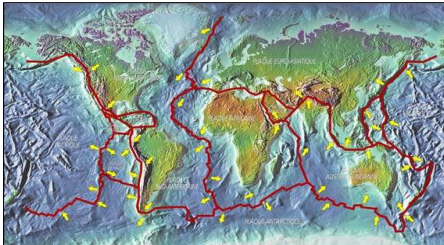
23



The main natural and technological risks threatening **Tunisia**

SEISMIC ACTIVITY

Every year, we register an average of 30 vibrational movements between 2 and 4 degrees on the Richter scale

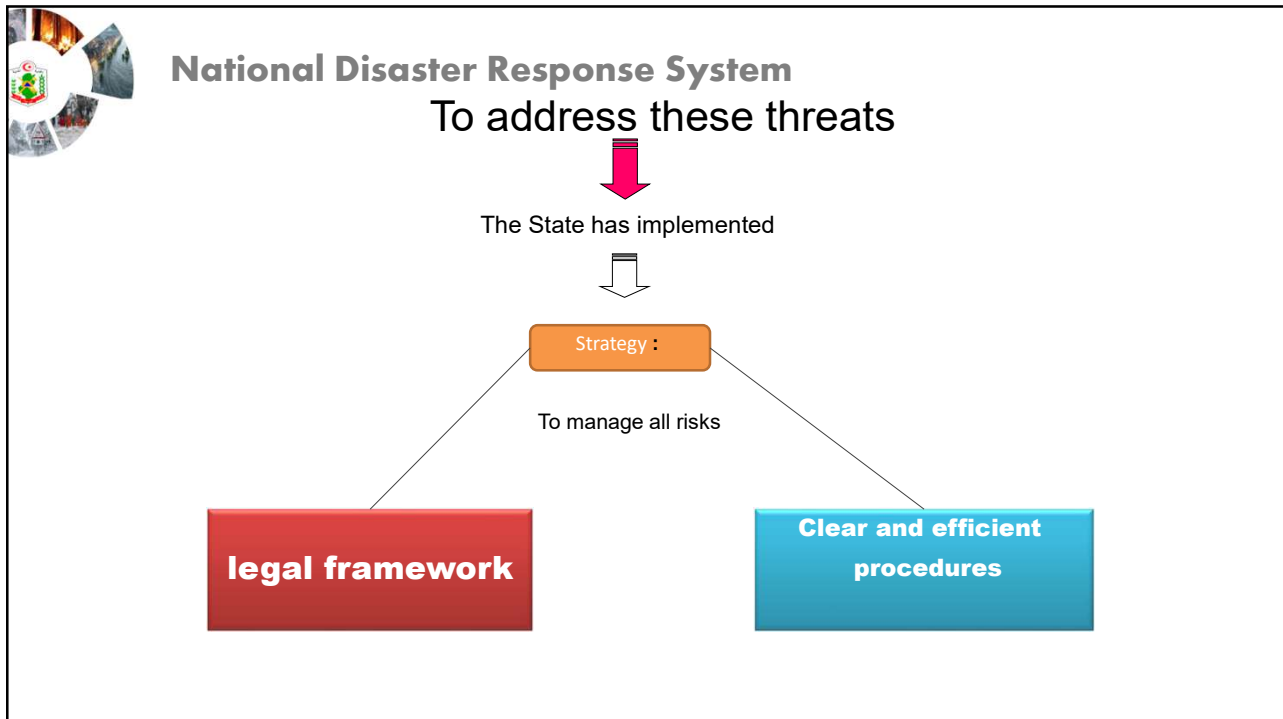


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A graphic for the National Disaster Response System. On the left, a circular collage of disaster-related images (floods, earthquakes, fires) is partially overlaid by a white circle containing the national emblem of Tunisia and a large blue number '2'. To the right, the text 'National Disaster Response System' is written in a bold, blue, sans-serif font.

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National Disaster Response System

legal framework

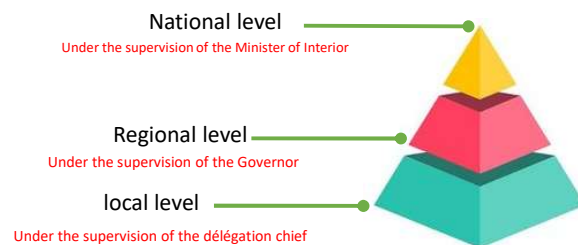
- ❑ Law No. 91-39 of 8 June 1991 on disaster control, necessary preventive measures and the organisation of assistance.

27

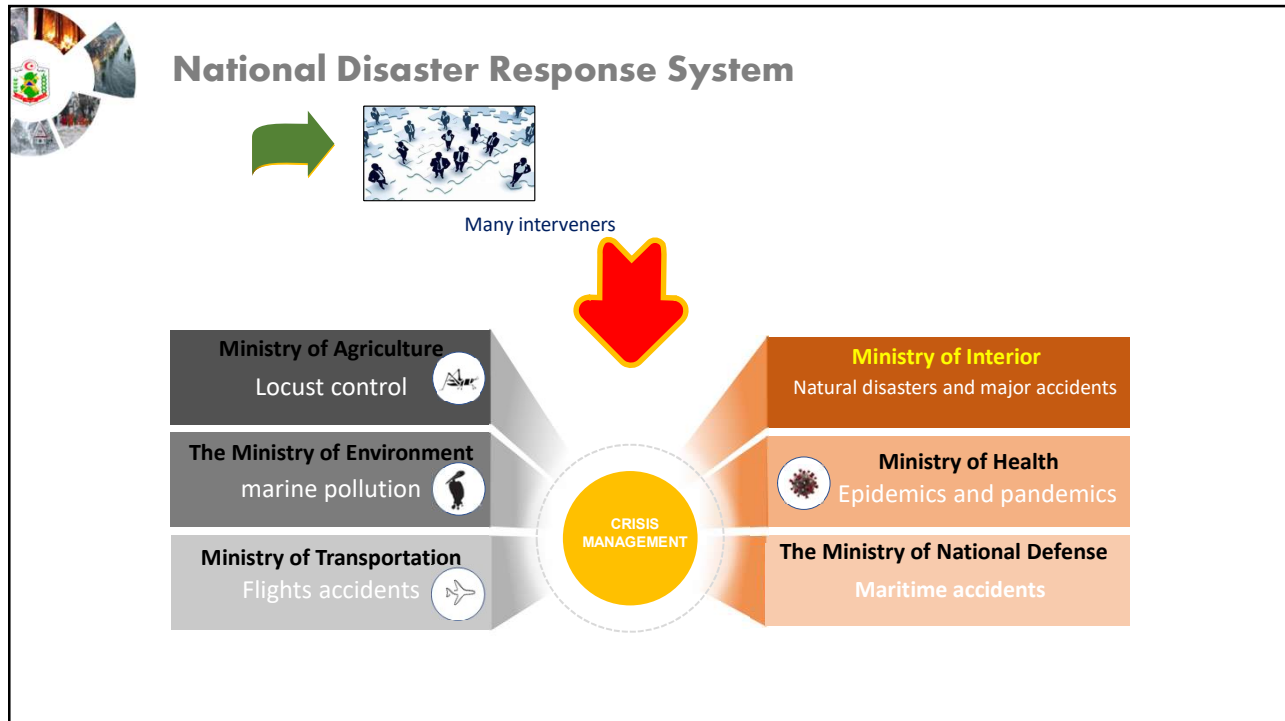


National Disaster Response System

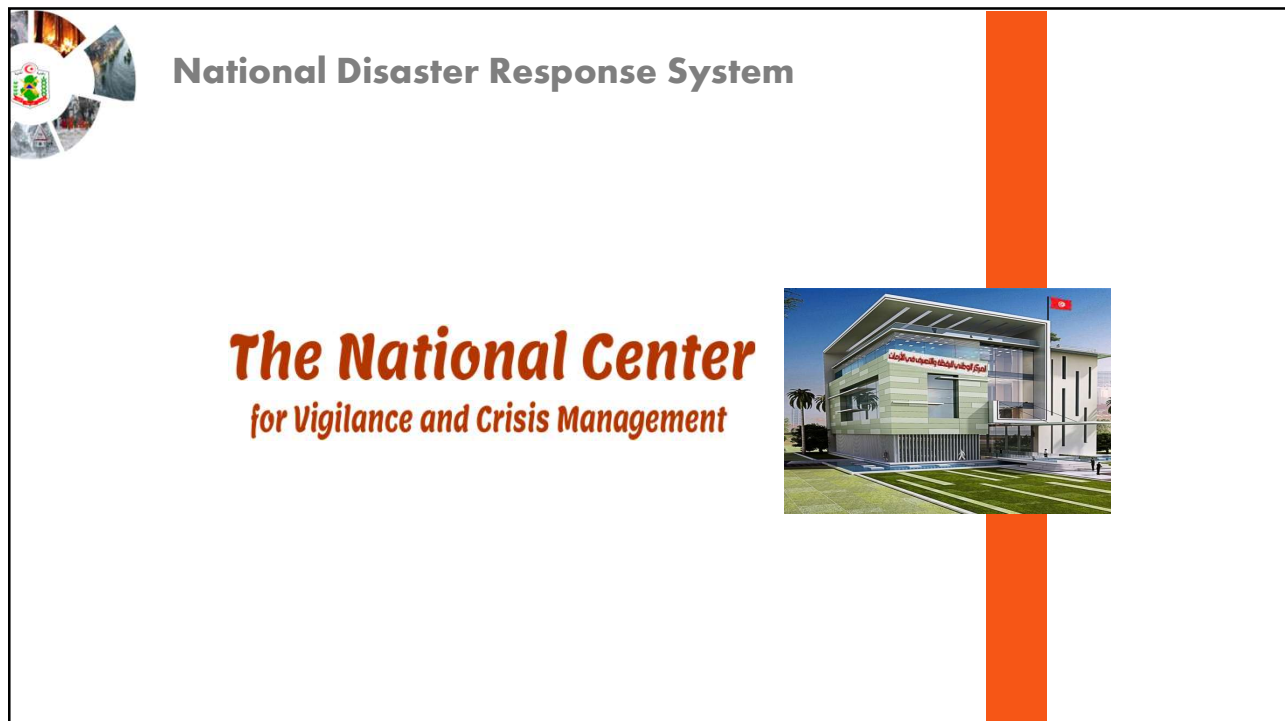
Three levels of action in disasters and grave dangers



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The steps taken by civil protection office and programs to strengthen national capacities for disaster response and major risk management

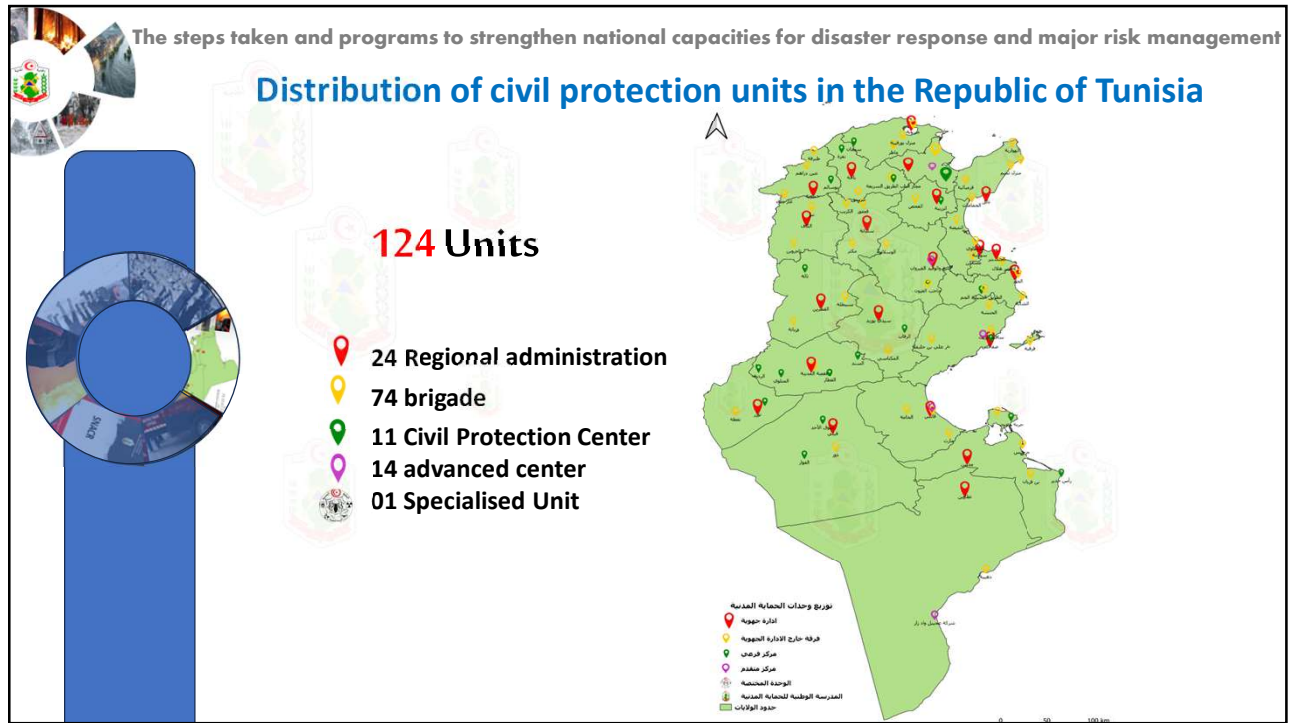
31



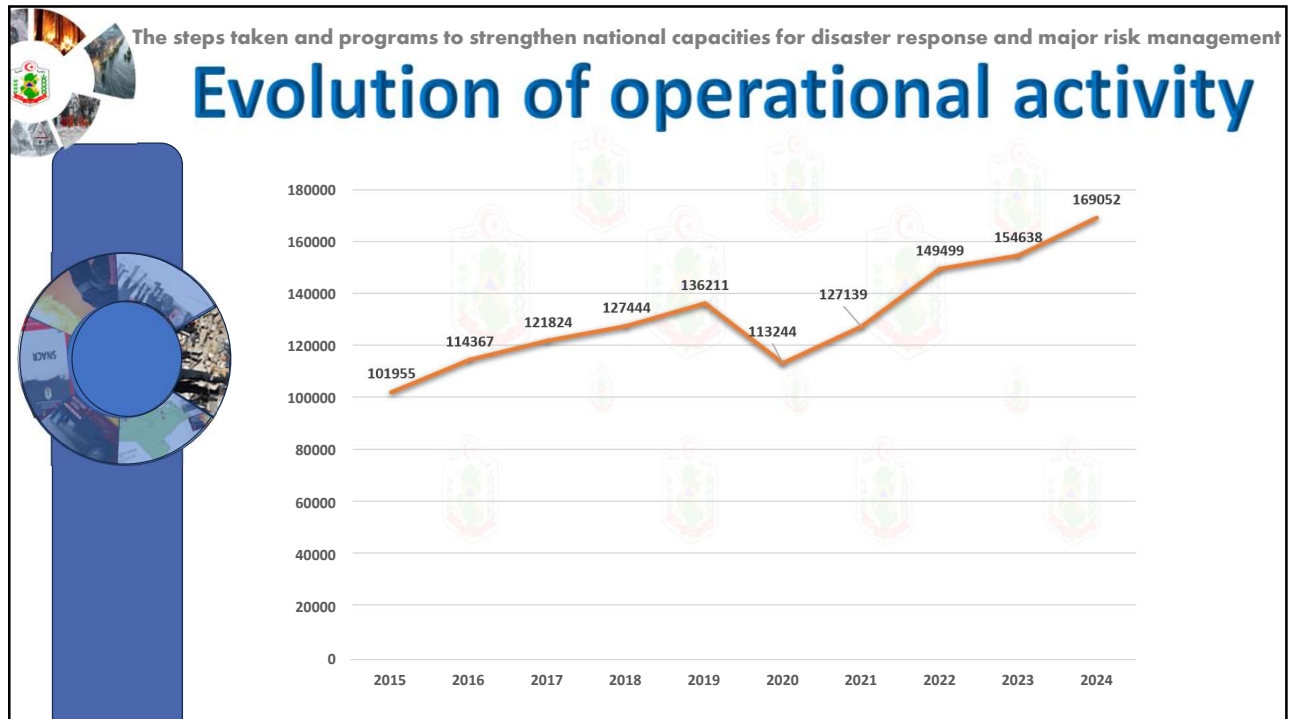
The steps taken and programs to strengthen national capacities for disaster response and major risk management

The National Civil Protection Office plays a vital role in disaster response, management, and preparedness.

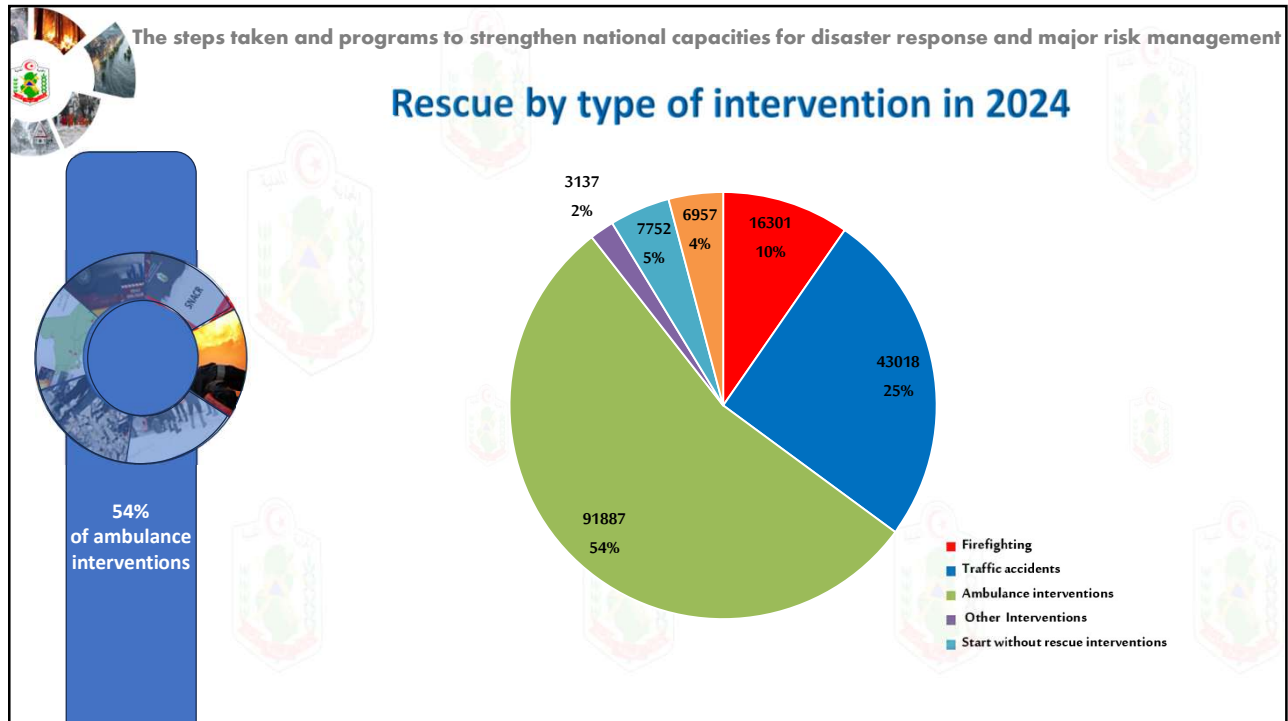
32



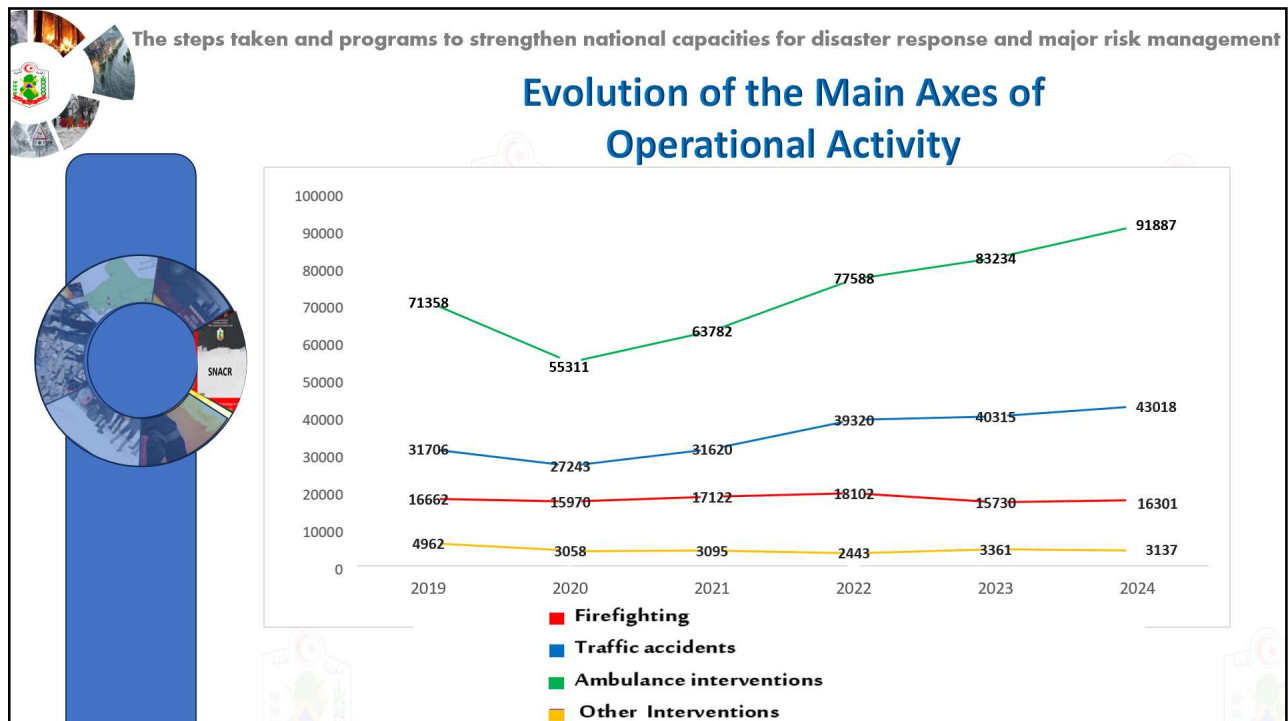
33



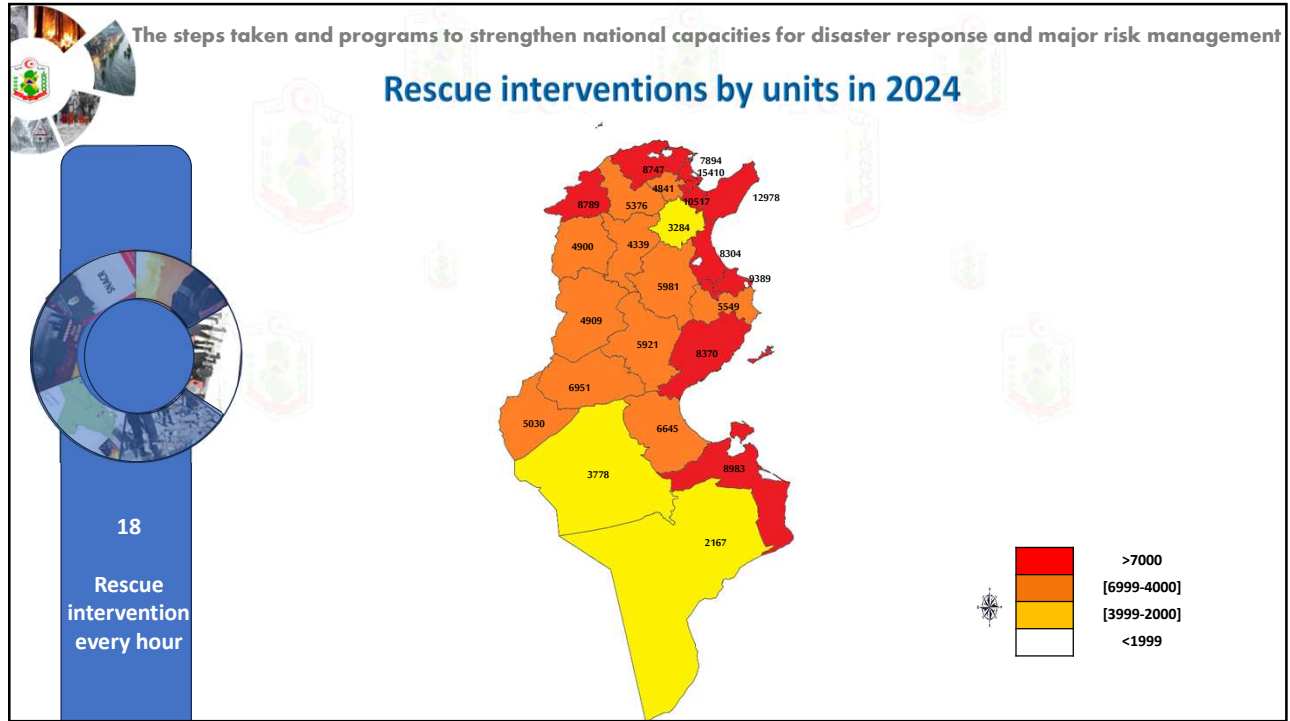
34



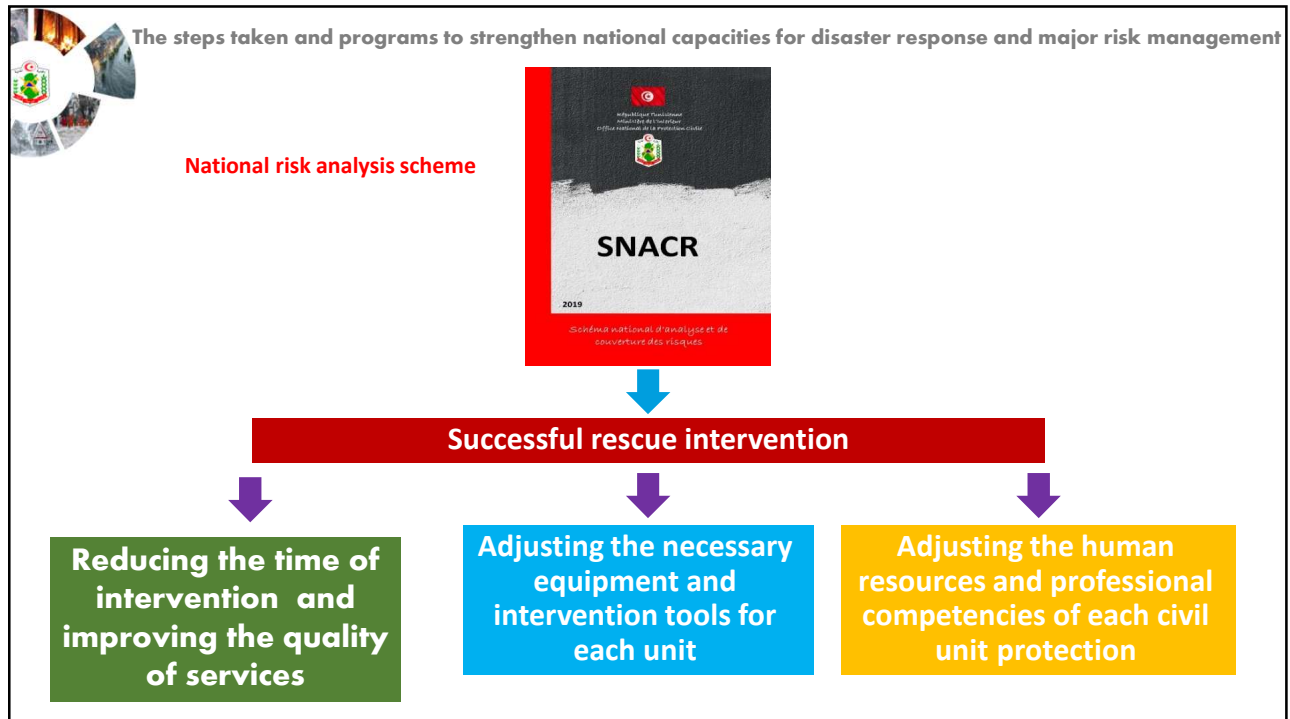
35



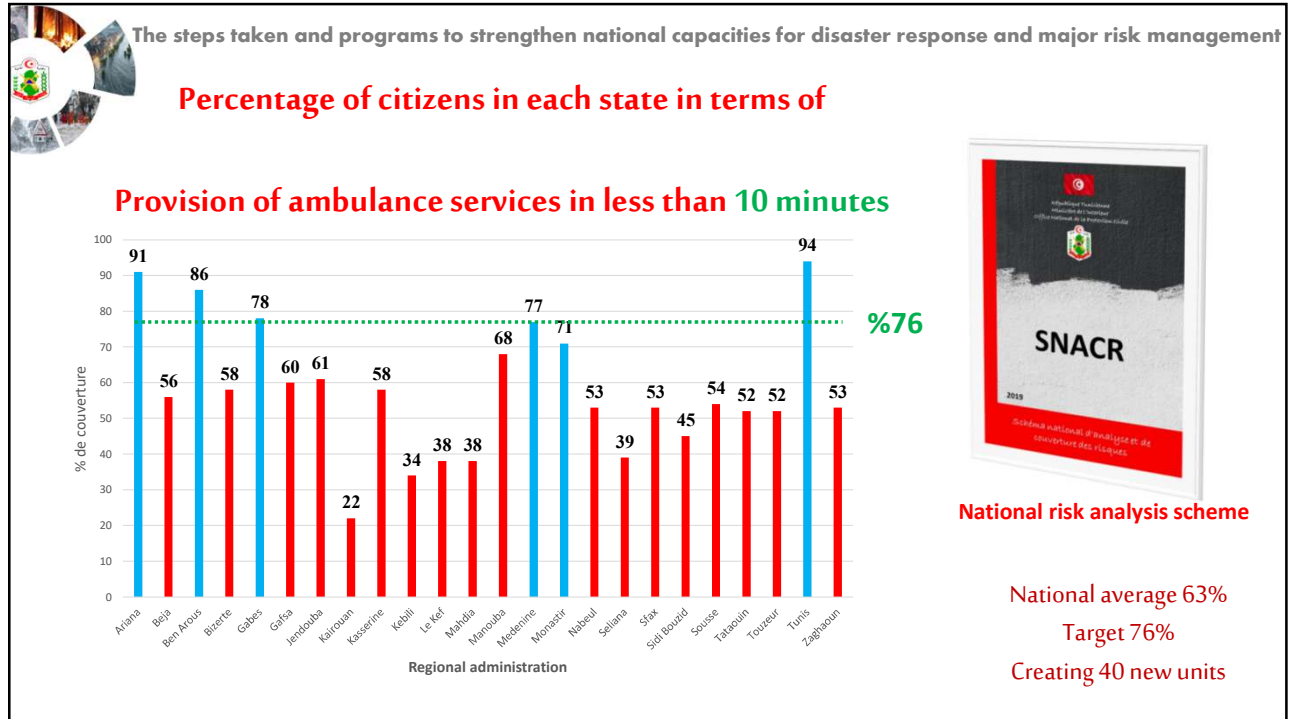
36



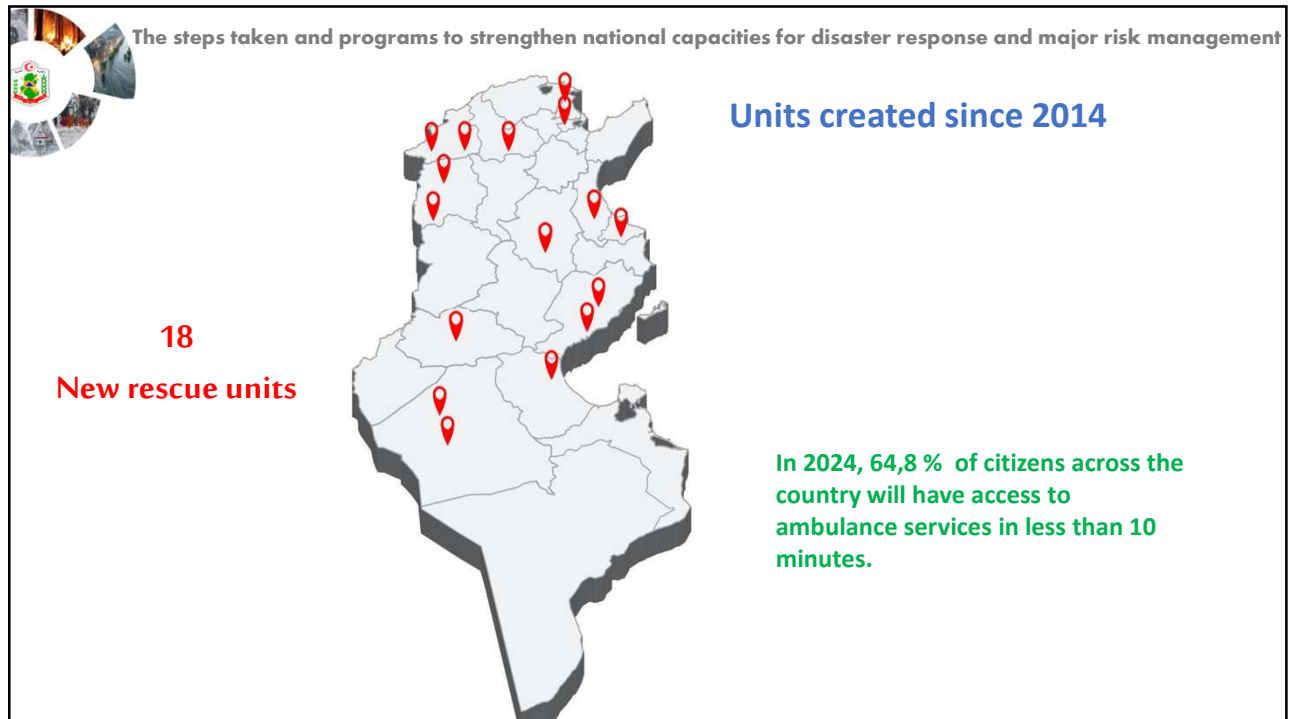
37



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The steps taken and programs to strengthen national capacities for disaster response and major risk management

Civil society engagement

19 volunteer associations for civil protection

3244 volunteers

41

The steps taken and programs to strengthen national capacities for disaster response and major risk management

Collaborative training

تتعاون بين كافة الهيئات والمؤسسات أساس النجاح

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The steps taken and programs to strengthen national capacities for disaster response and major risk management

République Tunisienne
Ministère de l'Intérieur
Republic of Tunisia
Ministry of Interior

الجمهورية التونسية
وزارة الداخلية

المركز الوطني للبحوث والتكوين في المخاطر والكوارث
LE CENTRE NATIONAL DE RECHERCHES ET DE FORMATION SUR LES RISQUES ET LES CATASTROPHES
THE NATIONAL CENTER FOR RESEARCH AND TRAINING ON RISKS AND DISASTERS








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The steps taken and programs to strengthen national capacities for disaster response and major risk management

**Capacity building for the specialized civil protection unit
Search and rescue**

1- IEC Specialised Unit Of civil Protection



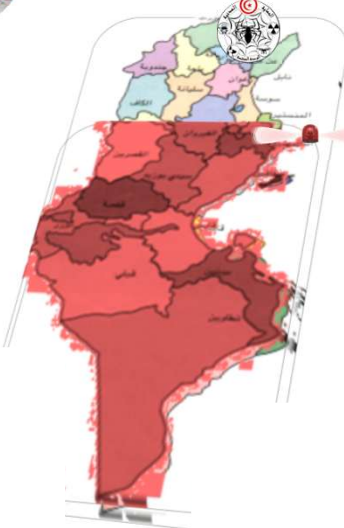





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The steps taken and programs to strengthen national capacities for disaster response and major risk management

Capacity building for the specialized civil protection unit



2-Establishing and equipping a branch of the specialised unit to cover interventions in the centre and south of Tunisia



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The steps taken and programs to strengthen national capacities for disaster response and major risk management

Capacity building for the specialized civil protection unit

3- IER Spetialised Unit Of civil Protection Heavy 2027



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The steps taken and programs to strengthen national capacities for disaster response and major risk management

Capacity building for the specialized civil protection unit

**4- Create a Emergency Medical Team (EMT) 2025
In coordination with Health Ministry**



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The steps taken and programs to strengthen national capacities for disaster response and major risk management

Capacity building for the specialized civil protection unit

5- Creating an international training area for search and rescue



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The steps taken and programs to strengthen national capacities for disaster response and major risk management

Capacity building for the specialized civil protection unit

5- Creating an international training area for search and rescue

SWITZERLAND & TUNISIA



10 Hectares



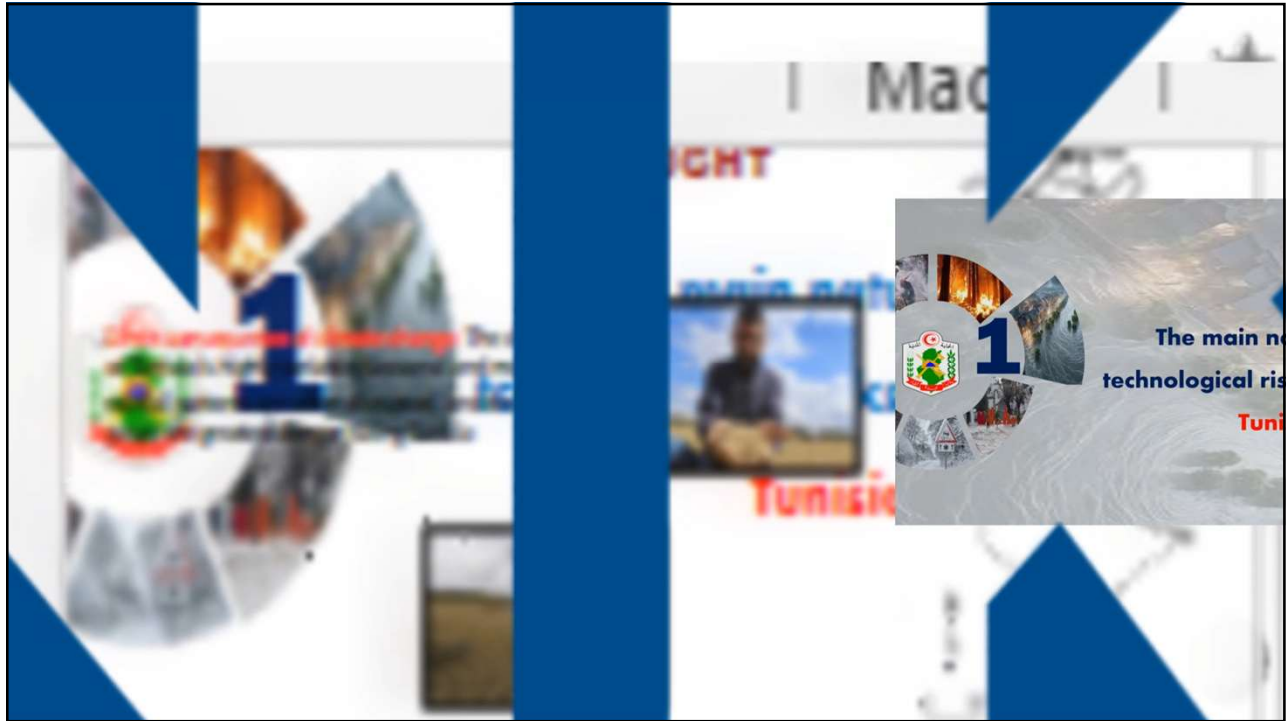
- Training Fields
- Headquarters
- Accommodation hostel
- Restaurant
- 40 km from Nfidha International Airport
- 35 Km from Nafidha International Airport
- 50 km from Tunis

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The steps taken and programs to strengthen national capacities for disaster response and major risk management



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