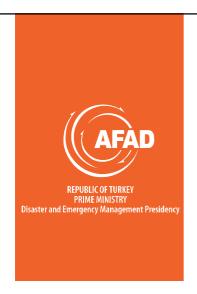
Disclaimer

This report was compiled by an ADRC visiting researcher (VR) from ADRC member countries.

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DISASTER PROFILE AND MANAGEMENT SYSTEM OF TURKEY

Asian Disaster Reduction Center - ADRC

09 September 2019 – Kobe/ JAPAN

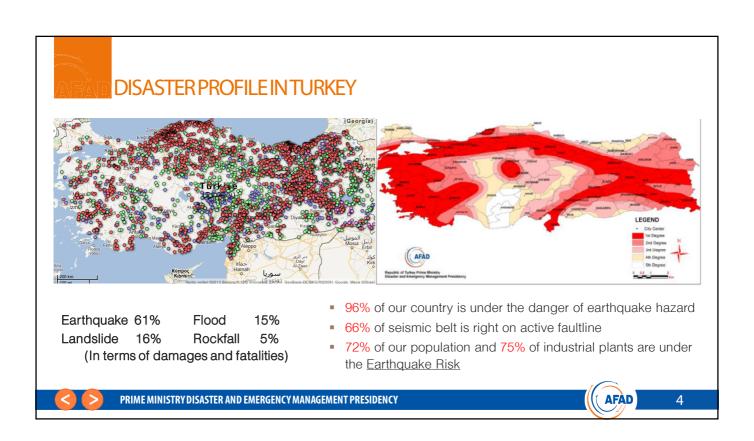


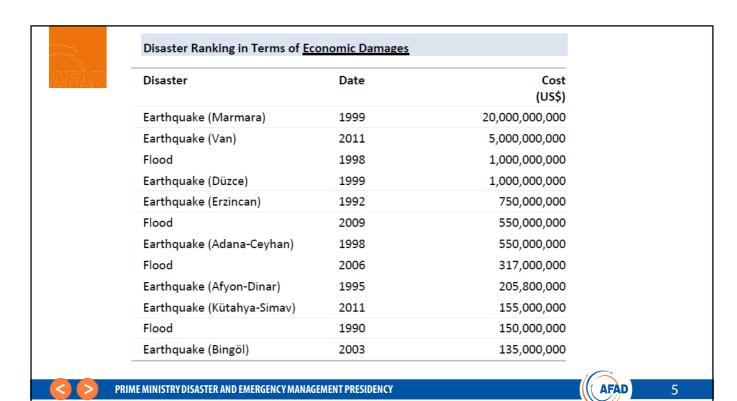
CONTENT

- **DISASTER PROFILE IN TURKEY**
- **DISASTER RISK MANAGEMENT MODEL IN TURKEY**
- OISASTER RISK REDUCTION MODEL IN TURKEY
- BEST PRACTICES ON DISASTER RISK REDUCTION IN AFAD
- BEST PRACTICES ON DISASTER RISK REDUCTION IN TURKEY

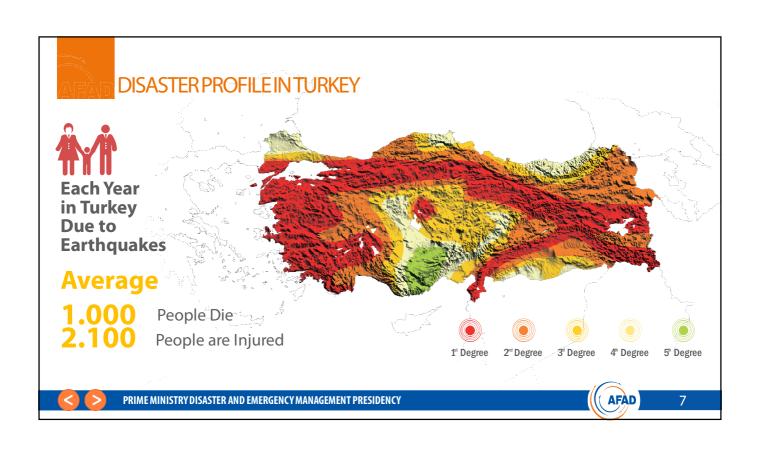


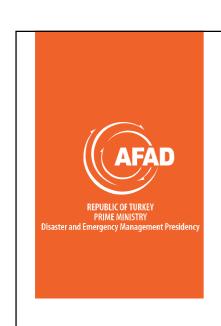
DISASTER PROFILE



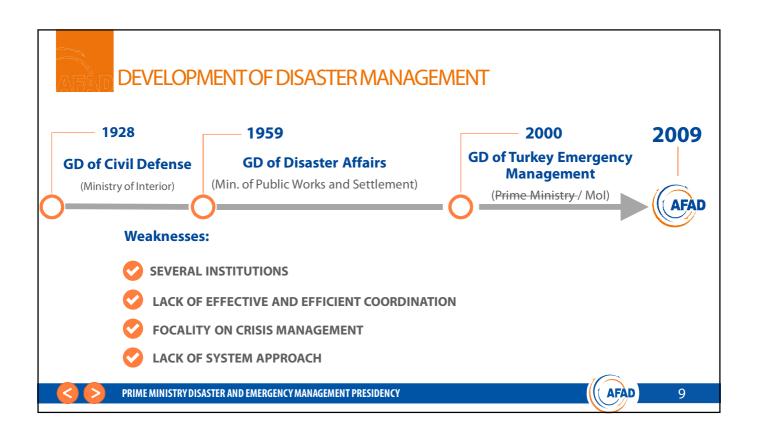


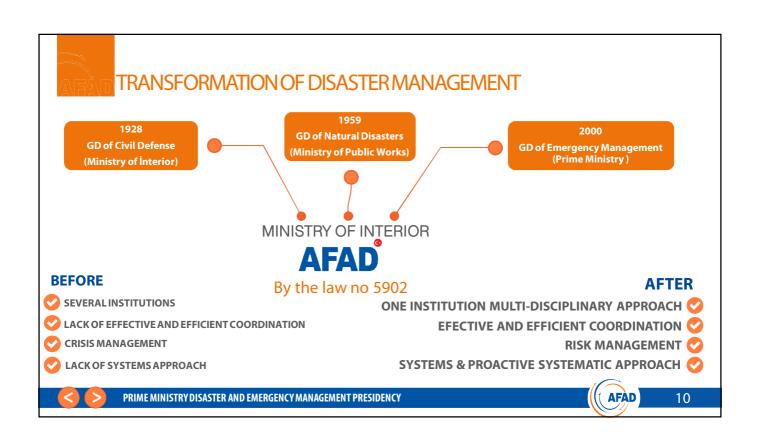


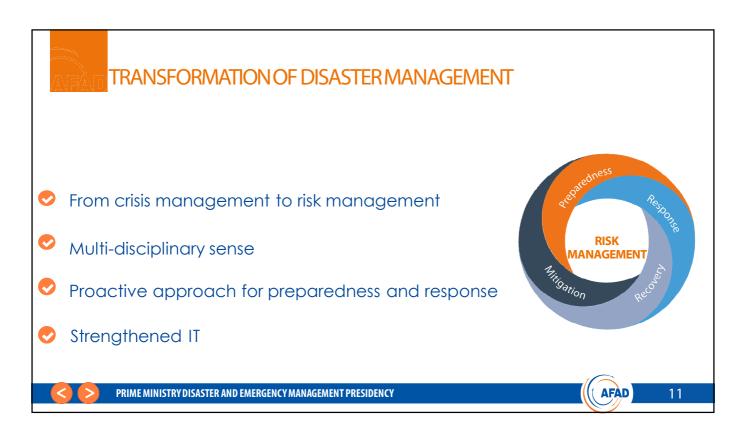




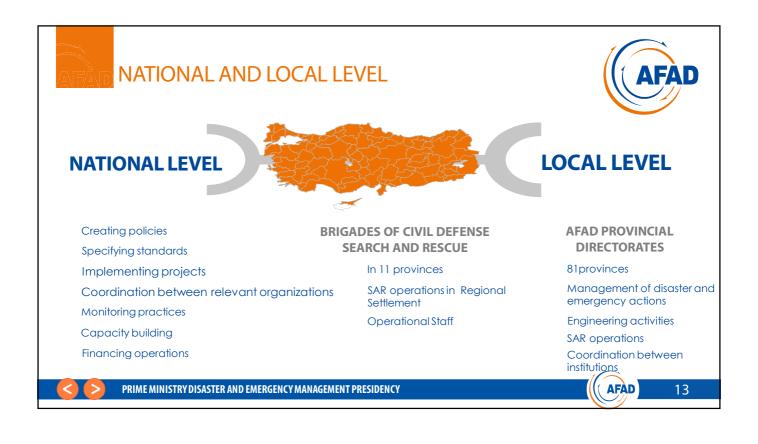
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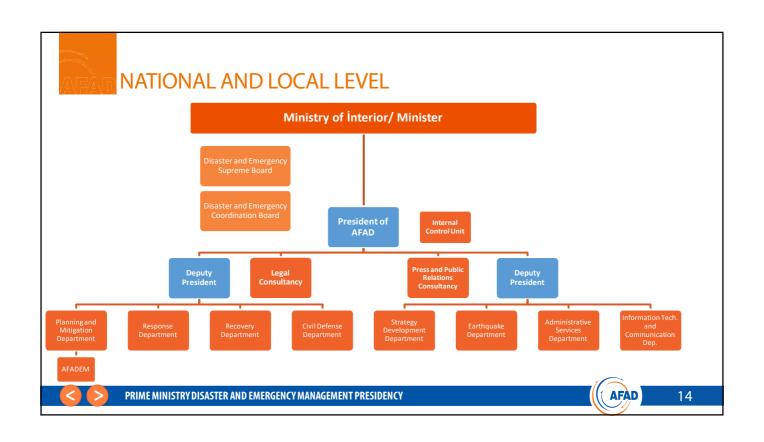


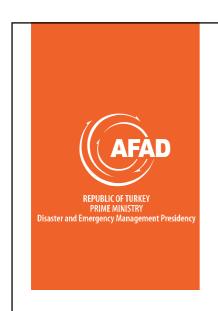




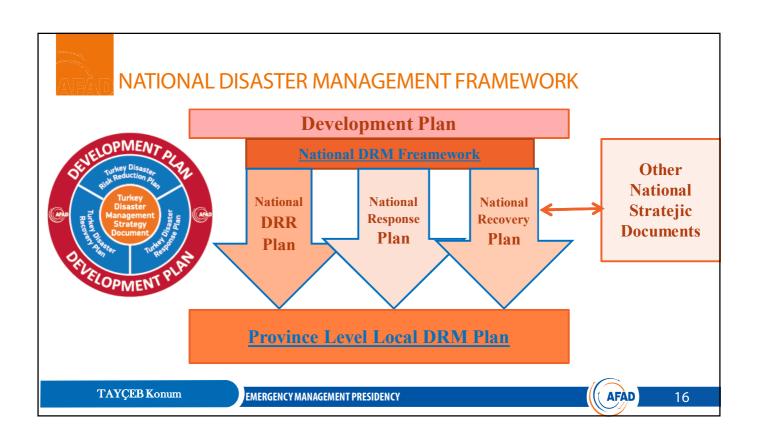




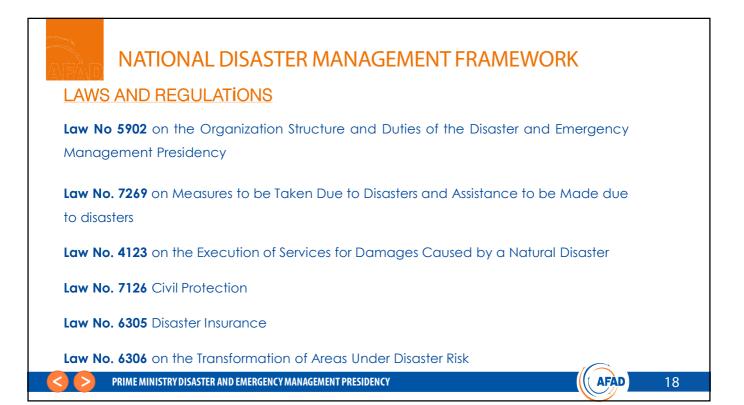


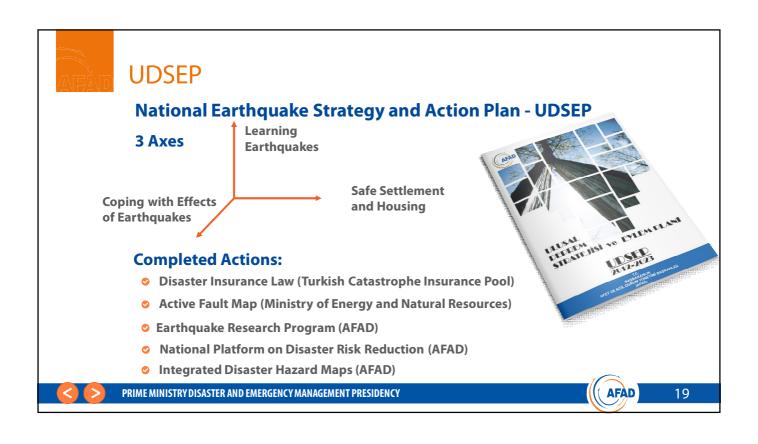


DRR MODEL







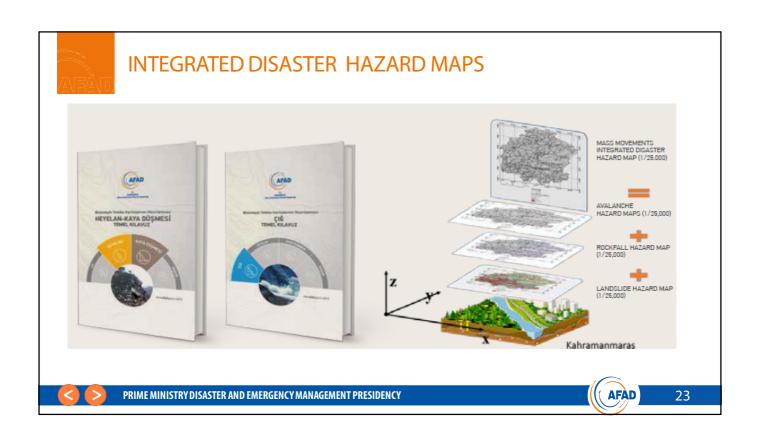


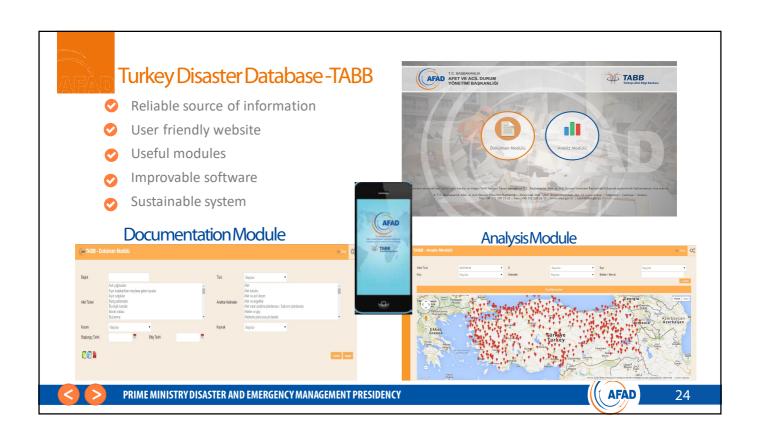






DRR ACTIVITIES IN AFAD





TECHNOLOGICAL DISASTERS ROAD MAP DOCUMENTS

Within the scope of AFAD's capacity and duty, "Technological Disasters Guideline Document 2015 - 2023" has been prepared with the aim of the coordination of organizations and institutions and effective management of technological disasters.



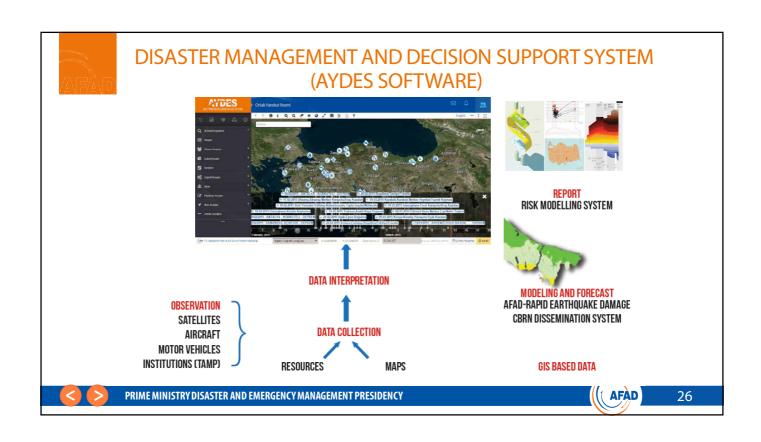
The road maps on,

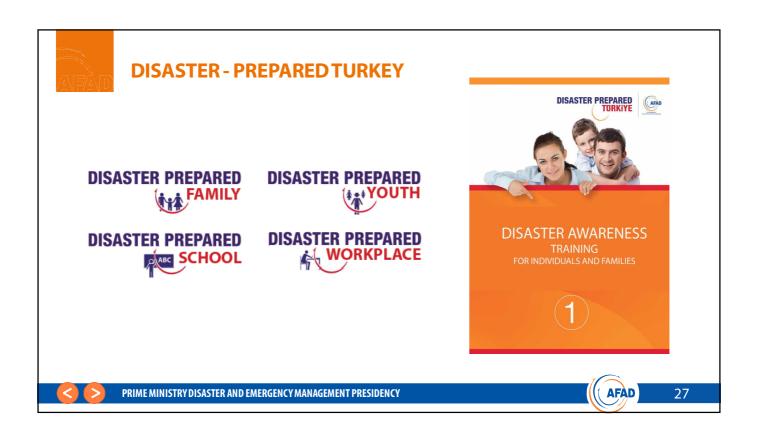
- Industrial accidents,
- Mining and mining waste accidents,
- Nuclear and biological accidents
- Protection of critical infrastructure
- Transportation of hazardous materials accidents
- · Accidents causing marine pollution
- Biosafety of genetically modified organisms
- Climate change and associated diasasters, are prepared and published.

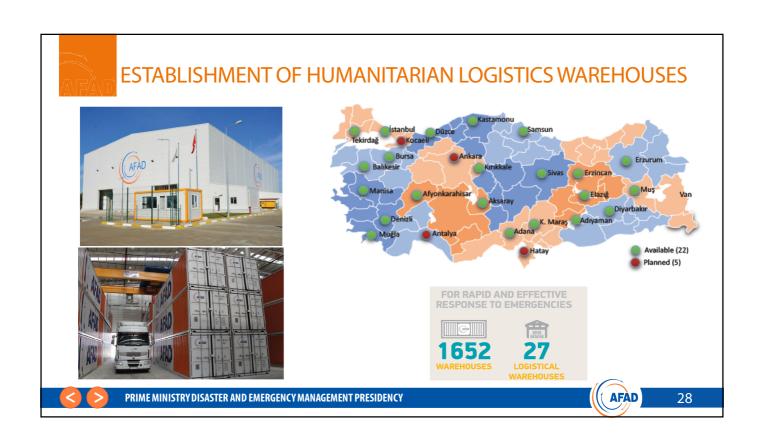


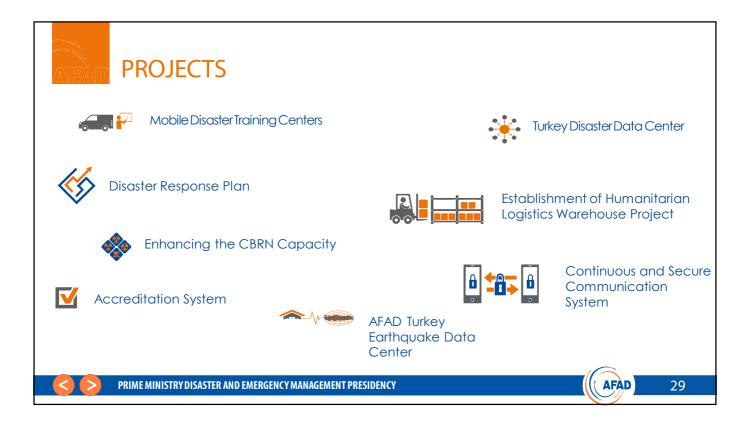
PRIME MINISTRY DISASTER AND EMERGENCY MANAGEMENT PRESIDENCY

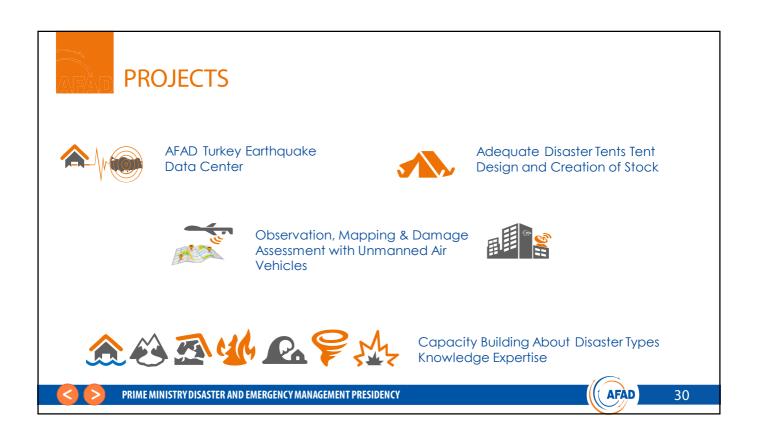














DRR ACTIVITIES IN TURKEY



RESTRUCTURING OF AREAS UNDER THE DISASTER RISKS

It is intended to create robust and safe residences based on international standards under the **law No. 6306** on "**Restructuring of Areas Under the Disaster Risks"** that aims to make cities and buildings resilient against disasters in Turkey. Within the scope of local administration reform that was put in force, municipalities have been authorized to make urban transformation.

The Regulation provides that the determination of **risky building**, which have been described as those within or outside the **risky areas** that have been decided in accordance with scientific and technical data to have completed their economic life or bear the risk of collapse or suffer from heavy damage.







PRIME MINISTRY DISASTER AND EMERGENCY MANAGEMENT PRESIDENCY





CLIMATE CHANGE ADAPTATION

Turkey has to tackle with problems such desertification, meteorological disasters and rise of sea level. In accordance with the National Climate Change Strategy Document (2020-2010) and within the framework of Turkey's Climate Change National Action Plan (2011-2023), work on climate change is in progress. These works are reported by means of United Nations Framework Convention Climate on Change annually.



CLIMATE CHANGE

STRATEGY ACTION Adaptation



PRIME MINISTRY DISASTER AND EMERGENCY MANAGEMENT PRESIDENCY



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ISTANBUL SEISMIC RISK MITIGATION AND PREPAREDNESS PROJECT (ISMEP)

Istanbul is the most vulnerable city because of its seismic-prone location nearby the North Anatolian Fault, and its high population and commercial/industrial densities. ISMEP is a significant attempt to implement essential principles of comprehensive disaster management financed by the World Bank. The main objectives are to improve the city of Istanbul's preparedness for a potential earthquake through enhancing the institutional and technical capacity for disaster management and emergency response, strengthening critical public facilities for earthquake resistance, and supporting measures for better enforcement of building codes and land use plans. In support to the promotion of commitments for safe schools, the Government of Turkey hosted the first meeting of the "Safe School Leaders" on 30-31 October 2014, Istanbul, Turkey



STANBUL IS **STR** Vith ismep **STR**

STRONGER



PRIME MINISTRY DISASTER AND EMERGENCY MANAGEMENT PRESIDENCY





MAJOR INDUSTRIAL ACCIDENTS ON CONTROL REGULATIONS

As known industrial activity due to the major industrial accident prevention, accident preparedness, in case of interference with the No of 96/82/EC hazardous materials that contain large risk is Risk Control of the European Union Council Directive (Seveso II Directive), our country's legislation to integrate environmental Seveso II Directive in Turkey and our Ministry of Environment and Urbanization Harmonization Project and the project was achieved as the Regulation on the "Prevention of Major Industrial Accidents and Reducing Effects" the Regulations were completed on December, 2013 and published. In this context, that in accordance with relevant provisions of the Act and in support of on going activities in all industrial facilities containing hazardous chemicals are required to report to the Ministry.





PRIME MINISTRY DISASTER AND EMERGENCY MANAGEMENT PRESIDENCY



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INSURANCE

Turkey introduced a requirement for earthquake insurance in 2000 and coverage is provided by the Turkish Natural Catastrophe Insurance Pool (DASK), set up under Law No 6305, which is an example of good practice. Additionally, DASK may cover disasters such as floods, storms, landslides, and hail and snow damage in the event of insurance companies failing to do so.

Insurance companies make use of risk scenarios. At present, insurance has 41 % penetration and there are 7.3 million policies. It is therefore recommended that further efforts be made to increase the penetration of compulsory earthquake insurance

Another example of good practice in the field of insurance is the Agricultural Insurance Pool (TARSIM), which insures herbal and animal products against the consequences of hail, storm, flood, fire, landslides, tornadoes and frost. ata as provided in May 2016.







PRIME MINISTRY DISASTER AND EMERGENCY MANAGEMENT PRESIDENCY



