



Kahramanmaraş and Hatay Earthquakes in Türkiye

*World Bank Support for
Recovery & Reconstruction*

April 26, 2023
Istanbul



WORLD BANK GROUP



I. World Bank Preliminary Assessment of Direct Damages

The World Bank prepared a **Global Rapid Post-Disaster Damage Estimation (GRADE) Report** within the within two weeks of the earthquakes, to:

- Provide a *rapid, model-based estimate of the direct physical damages to residential and non-residential buildings, and infrastructure, and*
- Evaluate the *spatial distribution* of these damages.

According to the GRADE assessment, up until February 19, **direct physical damages** from the earthquakes were estimated at **US\$34.2 billion** which is equivalent to 4 percent of Türkiye's 2021 GDP:

- **53% to residential buildings**
- **28% non-residential buildings**
- **19% infrastructure**

The ***GRADE Report acknowledged that recovery and reconstruction costs would be much larger, potentially twice as large***, and that GDP losses associated to economic disruptions would also add to the cost of the earthquakes.



II. TÜRKİYE Earthquakes Recovery and Reconstruction Assessment (TERRA)

- ***TERRA Assessment was conducted and presented at March 20 Donor Conference by Government of Türkiye under coordination of Strategy and Budget Office (SBO)***
- ***All estimates were prepared using data provided by ministries, public and private agencies, which was compiled and filtered by SBO***
- ***UNDP (coordinating for UN), World Bank and EU collaborated and provided inputs to the preliminary assessment***

Limitations of TERRA:

- ***Limited timeframe for assessment of a very large area***
- ***Data collection is still ongoing***
- ***Aftershocks were still taking place causing further damage***
- ***Provincial, private-public and urban-rural disaggregation, and calculation of damage, loss and needs are not final***
- ***Needs were still being fully identified and costed for all sectors***
- ***Prioritization of needs within sectors and across sectors was still being developed***

II. TÜRKİYE Earthquakes Recovery and Reconstruction Assessment (TERRA)

HUMAN IMPACT

- **15+ million people** directly affected, (16.4% of Türkiye's population)
 - Of which 1.7 million Syrians UTP (50% of total in Türkiye)
- As of March 15th: **48,448 casualties**
- More than **115,000 injured**
- More than **2 million** in various temporary housing accommodations
- **3.3 million displaced** within and from the earthquake-affected areas to other provinces

FINANCIAL IMPACT

*The Government's assessment estimates the **recovery and reconstruction needs for housing at US\$56.9 billion**, for **public infrastructure and buildings at US\$12.9 billion**, and for **health at US\$4.3 billion**.*

PHYSICAL IMPACT

Collapsed + severely and moderately damaged infrastructure and physical assets which need to be rebuilt:

- 272,860 buildings
- **649,546 housing units**
- **940 school** buildings
- **42 hospital** buildings
- 1,083 km of drinking water network
- 1,842 km sewage network
- 148 km of roads
- 14 irrigation dams and ponds

III. Mobilization of Resources for Reconstruction and Coordination with Development Partners

On March 20, 2023, **a total of EUR 6.05 billion in grants and loans were pledged for Türkiye** during the International Donors' Conference *"Together for the People in Türkiye and Syria"* which was held in Brussels.

	Grants (EUR)	Loans (EUR)
European Commission and Member States:	1.2 billion	0.05 billion
International Organizations:		
- World Bank		1.7 billion
- European Bank for Reconstruction and Development		1.5 billion
- Council of Europe Development Bank	3.0 million	0.5 billion
- International Labor Organization	2.4 million	
- Islamic Development Bank	1.4 million	
- European Investment Bank**	0.3 million	0.5 billion
- Black Sea Trade and Development Bank		0.55 billion
- United Nations High Commissioner for Refugees	50.2 million***	

* European Commission figures available at: https://commission.europa.eu/strategy-and-policy/priorities-2019-2024/stronger-europe-world/donors-conference-turkiye-and-syria_en

** Subject to approval of the European Investment Bank governing bodies

*** This refers to the amount received in response to UNHCR's humanitarian appeal. It was not taken into account to calculate the total amount of pledges.



IV. World Bank Group (WBG) Support Package

The WBG support package is being structured around the reconstruction of infrastructure, provision of public services, and economic recovery.

- ***Analytical Work and Technical Assistance*** : GRADE Report prepared and support to TERRA and Donor Conference Presentation; Bank-Executed Trust Funds mobilized to provide technical assistance on resilient and inclusive post-earthquake recovery.
- ***Mobilization of targeted support through existing project portfolio***: Existing projects are being rebalanced or repurposed to support post-disaster damage assessment, the provision of human development services, and social protection and labor activities.
- ***Delivery of new emergency projects on a fast-track basis***: This includes a proposed US\$ 1 B *Türkiye Earthquake Recovery and Reconstruction Project* to support restoration of essential services and reconstruction of rural housing in affected region, and a proposed US\$ 450 M *Post-Earthquake Micro, Small, and Medium Enterprises Recovery Project* to support MSMEs in affected region.



Thank You!



WORLD BANK GROUP