



# **Turkish Mine Action Centre**

## **Individualised Approach**

(Remaining Contamination along Türkiye's Eastern Border)

Province of Van



# Presentation Order



<b>Presentation Plan</b>	:	<ul style="list-style-type: none"><li>- APMBC and Türkiye's Status</li><li>- Remaining Challenge / Scope of the Contamination</li><li>- Türkiye's Resources</li><li>- A Glance at Türkiye's Eastern Borders Mine Clearance Project Phase I, II and III and Outcomes</li><li>- Earthquake Response / Regional Refugee Data</li><li>- Proposal for Phase IV</li><li>- Conclusion</li></ul>
<b>Confidentiality Level</b>	:	Unclassified
<b>Presentation Plan</b>	:	15 Minutes



# APMBC and Türkiye's Status

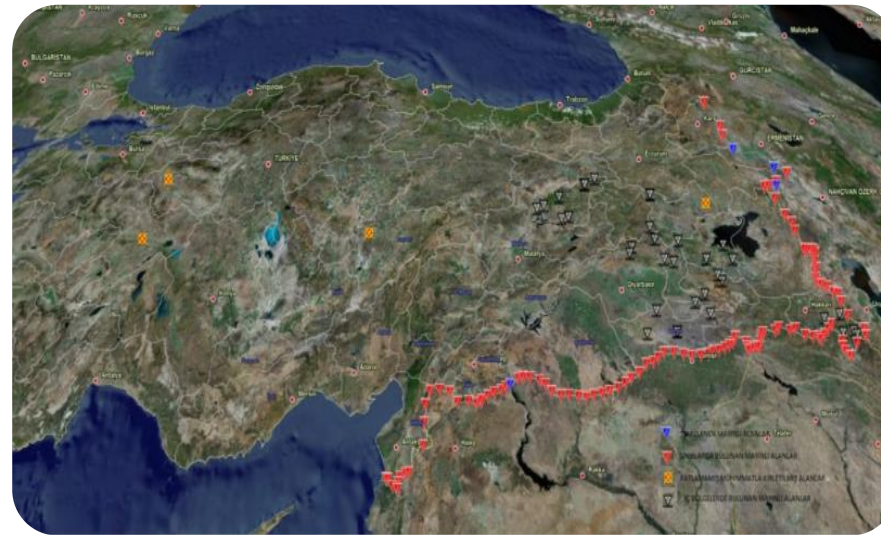


\* **Türkiye** acceded to the Convention on 25 September 2003, and the Convention **entered into force** for Türkiye on **1 March 2004**

\* In 2011 at the 11th Meeting of the States Parties , it was announced that **Türkiye** had **completed its stockpile (anti-personnel mines) destruction** fulfilling its **Article 4** obligation.

- \* Türkiye submitted 2 requests to extend its mine clearance deadline under **Article 5** obligation;
  - In 2014 (for 8 years)
  - In 2022 (for 3 Years 9 Months)
  - **In 2025 New Extension Request**

## Remaining Challenge to be Addressed



\* Since the establishment of the Turkish Mine Action Centre (TURMAC) in 2015, **39 million** square meters have been **addressed** with **193.000 anti-personnel mines** identified and destroyed.

\* The total mined areas remaining to be addressed in the context of **Article 5** obligation in Türkiye has been reduced over the period of **2014-2022** from **172 million** square meters to **133 million**.



# Scope of the Contamination







# National Resources



\* **Türkiye** has **enhanced** its clearance capacity **since 2004** gradually by establishing;

- **50 Military Humanitarian Demining Teams,**
- **10 Mechanical Mine Clearance Equipment**
- **10 Mine Detection Dogs**

Potential to **address** up to  
**10-12 million sqm. / per year** by  
Tech Survey + Manual Clearance and  
Verification

which are currently under the command of **Turkish Mine Action Center (TURMAC).**





# Glance at Türkiye's Eastern Borders Mine Clearance Project



**Phase - I,II and III  
2016-2023  
(Completed)**



**Along the Borders  
with Armenia, and  
Iran**

**(Ardahan, Kars, Iğdır,  
Ağrı Provinces)**



**Phase-IV  
2024-2027  
(Planned)**

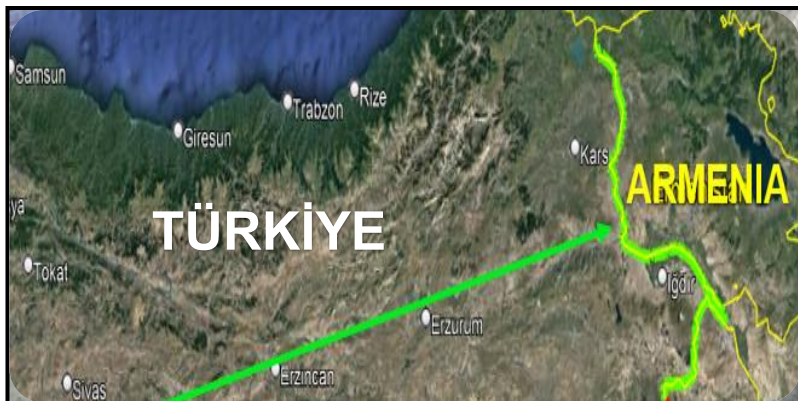
**Along the Border with  
Iran  
(Van Province)**







# Eastern Borders Mine Clearance Project Phase-I (2016-2017)



COMPLETED



- **Location** : Along the Border with Armenia Türkiye's Iğdır Province
- **Number of mines destroyed** : **23.724 (13 Mined Areas)**
- **Cleared Area** : **3,1 million m<sup>2</sup>**
- **Budget** : **19,8 million euros (EU) + 6,6 million euros (National) = 26,6 Million Euros**







# Eastern Borders Mine Clearance Project Phase-II (2018-2019)



- **Location** : Along the Borders with Armenia and Iran (Türkiye's Iğdır and Ağrı Provinces)
- **Number of mines destroyed** : **23.277 (25 Mined Areas)**
- **Cleared Area** : **1,7 million m<sup>2</sup>**
- **Budget** : **10,1 million euros (EU) + 3,3 million euros (National) = 13,3 Million Euros**







# Eastern Borders Mine Clearance Project Phase-III (2021-2023)



- **Location** : Along the Borders with Armenia and Iran (Türkiye's Ardahan, Kars, Iğdır and Ağrı Provinces)
- **Number of mines destroyed** : **49.336 (94 Mined Areas)**
- **Cleared Area** : **4,2 million m<sup>2</sup> / Mined Areas Surveyed : 3.451 Locations (First NTS Project)**
- **Budget** : **18,5 million Euros (EU) + 2,1 million euros (National) = 20,6 Million Euros**







# Eastern Borders Mine Clearance Project Phase-III (2021-2023)

## Efficiency Analysis



**OPERATIONAL EFFICIENCY  
IN MINE ACTION**

MARCH 2023

Key Performance Indicator	Phase III (**)	GICHD Average (*)
Ratio of land cleared to land released	0.37	0.56
Square metres of land released per item of explosive ordnance found	87	6192
Square metres of land cleared per item of explosive ordnance found	32	1887
Cost per square metre of land released	\$4.12	\$1.29
Cost per square metre of land cleared	\$11.12	\$3.08
Cost per item of explosive ordnance found	\$357.35	\$3,144.00
Deminer days spent per item of explosive ordnance found	0.95	57.5
Square metres cleared per asset (deminer) per day	33.8	22.5

\* Data from 2015 to 2019 was requested by **GICHD** from a number of sources, including **15 NMAAs, 9 Operators in 17 Countries Programmes.**

36

\*\* **Efficiency analysis** made by **UNDP Türkiye** TAT Team in line with GICHD KPI's.



# Outcome of Eastern Borders Mine Clearance Project Phase-I, II, III (Regional Security)



**% 65 COMPLETED**



- The construction of **modular concrete walls** and **patrol road** has been completed along **310 kilometers** of the **479 kilometers** border section with **Iran**.
- The **excavation of trenches** together with the wall sections has been completed along **355 kilometers** of the **kilometers** border section with **Iran**, other components such as electrical-optical watch towers, camera systems, seismic sensors etc. continue to be installed as well.
- As of 2023, **183.207 irregular migration attempts** have been prevented, **10.601** of them have been caught and handed over to law enforcement forces.





# Outcome of Eastern Borders Mine Clearance Project Phase-I, II, III (Agriculture and Livestock)



- Clearance of **9 million m<sup>2</sup>** mined area along the borders with **Iran and Armenia** has enabled approximately **40 million m<sup>2</sup>** of land to be utilized for **agriculture and livestock** activities.





# 6 February 2023 Earthquake and Türkiye's Response



- Described as the **"disaster of the century"**, burden of the earthquake on Turkish economy was **"103.6 billion dollars"**.
- **Significant amount** of the **national budget** for **2023-2024** and also **IPA 2023 funds** has been spared for earthquake response and recovery,
- **All MIL Demining** Teams has taken part during the rapid response, and early recovery activities aftermath of the earthquake.





# Refugee Data Key Indicators

**110 MILLION**

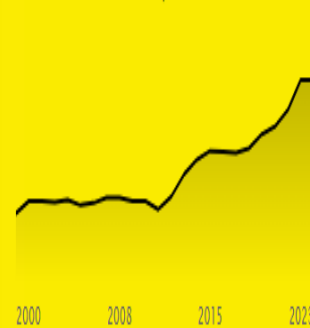
**Forcibly displaced people worldwide**

at mid-2023 as a result of persecution, conflict, violence, human rights violations or events seriously disturbing public order.



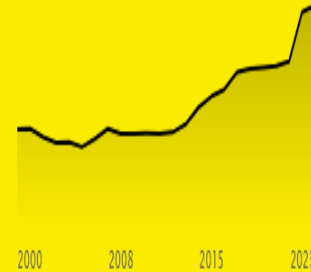
**62.5 MILLION**

are internally displaced people (Source: IDMC, as of end-2022)



**36.4 MILLION**

are refugees



**6.1 MILLION**

are asylum-seekers



**5.3 MILLION**

are other people in need of international protection



**52%**

**originate from just three countries**

Over half of all refugees under UNHCR's mandate and other people in need of international protection come from just three countries.

Syrian Arab Republic	6.5 million
Afghanistan	6.1 million
Ukraine	5.9 million

**3.4 million**

**hosted in the Islamic Republic of Iran and Türkiye**

The Islamic Republic of Iran and Türkiye each hosted 3.4 million refugees, the largest populations worldwide. Germany was third with 2.5 million, followed by Colombia with slightly less than 2.5 million, including other people in need of international protection. Pakistan hosted 2.1 million refugees.

Islamic Republic of Iran	3.4 million
Türkiye	3.4 million
Germany	2.5 million
Colombia	2.5 million
Pakistan	2.1 million



# Eastern Borders Mine Clearance Project Proposal for Phase-IV (2024-2027)



**PLANNED**



- **Location** : Along the Border with Iran (Türkiye's Van Province)
- **Number of mines planned to be destroyed** : **32.690 (85 Mined Areas)**
- **Area planned to be Cleared** : **4 million m<sup>2</sup>**
- **Cost Estimation** : **15 million Euros (EU)**





# Eastern Borders Mine Clearance Project at a Glance

## Phase-IV (2024-2027)



### • Components

- **Clearance** of 85 Mined Areas (4,000.000 sqm)
- **Explosive Ordnance Risk Education** (35 sessions across)
- **Technical Survey** of 30 Suspected Hazardous Areas
- **Capacity Building and Continuity** Activities for TURMAC / MIL Demining Staff

### • Outcomes

- Land available for **Agriculture and Livestock** (15-20 million sqm)
- Awareness and **safer behavioural changes** among the local residents.
- Contribution to **implementation of Integrated Border Management (IBM)** strategy by clearing the mines along the border with Iran (169 km)
- Impeding irregular live-risking **migration**
- **Strengthening** the Institutional Capacity of TURMAC



Mine Action Can **NOT** Wait...