



The Displacement Tracking Matrix (DTM) is a system to track and monitor displacement and population mobility. It is designed to regularly and systematically capture, process and disseminate information to provide a better understanding of the movements and evolving needs of displaced populations, whether on site or en route.

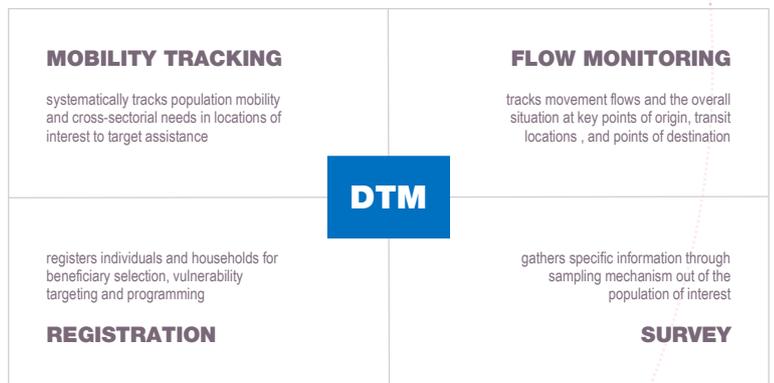
DISPLACEMENT TRACKING MATRIX • DTM

The provision of humanitarian assistance is highly dependent on trends and patterns of human mobility. Humanitarian actors require information on the location and composition of the affected population in order to deliver services and respond to needs in a timely manner. The sheer scale of displacement caused by some large natural disasters prompted IOM to improve the capacity of existing information management systems and methodologies. To address response challenges based on a better understanding of human mobility, IOM has gradually improved the Displacement Tracking Matrix (DTM), a system which regularly captures, processes and disseminates multi-layered information on the mobility, locations, vulnerabilities and needs of displaced populations throughout the course of a crisis.

Conceptualized in 2004 in Iraq, for the IDP assessments and monitoring exercises, the DTM has been continuously refined and enhanced through years of operational experience in both conflict and natural disaster settings. It delivers essential role in providing primary data and information on displacement, both in country and at the regional and global level.

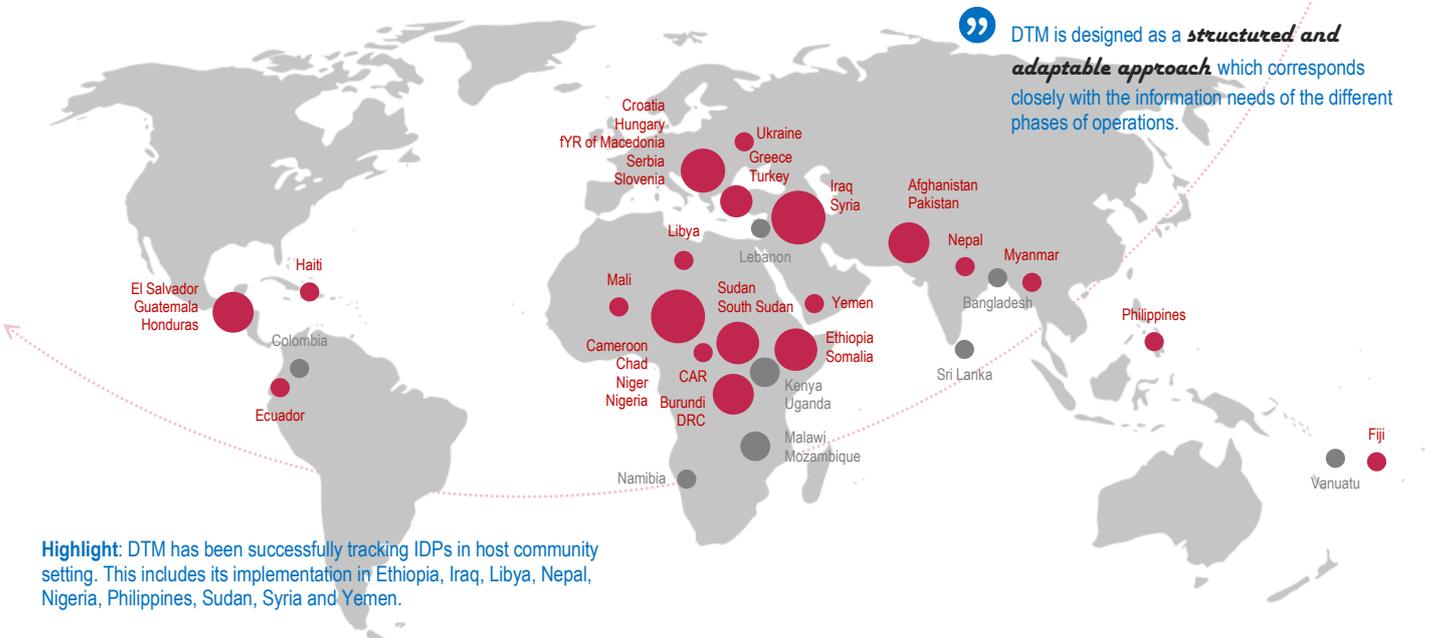
In addition to being systematically deployed in medium to large-scale humanitarian response operations, DTM has also proven to be highly effective as a preparedness tool, as well as in support of the recovery and transition phase in the context of return and reintegration processes. Integrating DTM into capacity building activities, mapping of potential evacuation and displacement sites, and setting up data collection mechanism to be ready before a disaster occurs are some examples of how the DTM can be employed as an effective preparedness measure.

tracking **MOBILITY** ✓ the concept



PRESENT and PAST OPERATIONS as of APRIL 2016

● Active Operations ● Currently Inactive



Highlight: DTM has been successfully tracking IDPs in host community setting. This includes its implementation in Ethiopia, Iraq, Libya, Nepal, Nigeria, Philippines, Sudan, Syria and Yemen.

over 14 million
individuals tracked
*between 2014 and 2015

over 2,000
data collectors in the field
*between 2014 and 2015

over 120
technical experts in the field
*between 2014 and 2015

over 40 countries
in which the DTM has been active
*since 2004 to 2016

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As a modular system, DTM is **adaptable** and can be implemented in a variety of ways based on practical requirements of a given context. Past and present implementation includes conflict, natural disaster, and complex emergency settings, from small and short-term to large and protracted case of displacement.

DTM operations are **collaborative** exercises. IOM engages national authorities and humanitarian partners to ensure its operational efficiency and effectiveness.

MODULES and METHODOLOGY

Mobility Tracking: Identification, high level mapping, tracking and monitoring of population mobility

Baseline Profiling

B1

B2

Baseline Area
Baseline Location

Innovation is at the core of the global DTM development. Unprecedented level of complexities in humanitarian crises in regards to the scale of population mobility drives the further development and enhancement of DTM. Innovative ideas and approaches in the field are systematically taken to the global level and further adapted and replicated in other field operations.

» Regular i Reliable ⌚ Timely

INFO PRODUCTS



DATA sharing

Raw Data, Customized Data Exports, Lists, and Tables



REPORT documents

DTM Report, Site/Area Profiles, and Statistical Dashboard



GIS products

Static Maps, Shapefiles and Geodatabase, KML/KMZ, and Thematic Atlas



ONLINE interactive

Website, Data and Visualization Portal, and Online Data Analytic Platform

DTM brings data and information for **better preparedness, targeted response, and support to transition to sustainable return and recovery**

impacts

Objective analysis of primary data is key to effective advocacy and a well-informed humanitarian response. DTM is feeding directly into global level analysis, including the Internal Displacement Monitoring Centre's (IDMC) annual Global Report on Internal Displacement, where IOM is the second largest provider of data on conflict situations after OCHA; and regularly informs analysis by other humanitarian and policy actors. Likewise, operational adaptations are made possible only through a sound understanding of human mobility patterns. As such, the DTM primary data collection is serving as a key accountability tool. DTM assessments highlight persistent gaps and serve to inform relevant actors about where assistance is most needed. IOM remains committed to enhance disaster preparedness and migration crisis response through better integration of systems and actors, strengthening national and local capacities on displacement tracking, and enhancing predictive analytics, ethical data collection and accountable data use promoting accountability towards affected populations.

PROTECTION-enhanced DTM

The DTM has integrated context-appropriate Gender-based Violence (GBV) risk indicators relating to site layout and infrastructure; security; women's participation; and knowledge about and availability of GBV services in camps and camp-like settings. These indicators complement general DTM assessments which provide sex and age disaggregated data, population profiles and, information on general needs and service provision to provide a more holistic understanding of the protection context in a given site. The data collected through the protection-enhanced DTM is analyzed and shared with GBV responders, as well as all the relevant service providers to improve operational responses.

GLOBAL SUPPORT services

The Global DTM Support team is based in IOM headquarters in Geneva. Composed by experts with various technical and operational background, the team strives to provide support services for DTM implementation in the field worldwide.

- 1 Deployment of DTM technical and operational experts
- 2 Implementation setup and roll out support
- 3 Training and capacity building support
- 4 Development of strategy, approach, and methodology
- 5 Development of information products and tools

DTM operations worldwide have been **FUNDED and SUPPORTED by**

Government of Canada	DFID	ECHO	OFDA	USAID	World Bank	NOREPS	UNHCR	KOICA	WFP	OCHA	Government of Japan	CERF
MEFM	PRM	SDC										

Established in 1951, IOM is the leading inter-governmental organization in the field of migration and works closely with governmental, intergovernmental and non-governmental partners. With 162 member states, a further 9 states holding observer status and offices in over 100 countries, IOM is dedicated to promoting humane and orderly migration for the benefit of all.

