Provision of Information Management Services for UNMAS Iraq

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The scale, scope and complexity of the explosive contamination in the areas liberated by ISIL is significant and exceeds existing and available national explosive hazard management capacities.

The complex IED fabrication in Iraq is unprecedented, with security forces and civilians suffering heavy losses as a result of the widespread use of these devices.

This previously unseen scale and complexity of contamination requires a comprehensive explosive hazard management response as a first step to address the problem before full-fledged humanitarian, stabilization and development assistance efforts can proceed.

(Source: UNMAS)

3iS support to UNMAS in Iraq

Information Management and Mapping Support to UNMAS is a dedicated information management unit in Iraq. The project analyzes and disseminates IM products and maps covering the whole of Iraq to optimize planning, operations, coordination, and risk mitigation measures for the Humanitarian Mine Action (HMA) through the protection cluster.

Key activities include collecting, analyzing, customizing and reporting mine action and security-related information, integrated where necessary, to serve as a common service platform for humanitarian actors all across Iraq. This allows partners to immediately assess security situations and, using easily accessible, collated, relevant and timely information, plan evidenced-based, prioritized and safe operations.

Years of presence in Iraq: **2 years, since 2017**

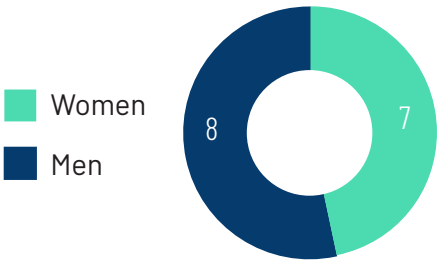
Donor: **UNMAS**

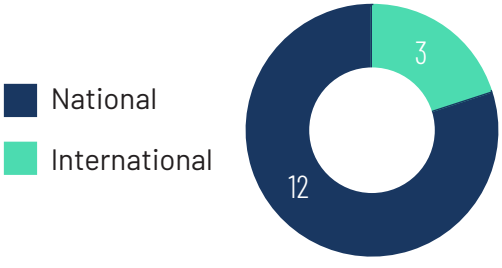
Current project: **Provision of Information Management Services for UNMAS Iraq**

Project budget: **USD 1.3 M annual**

Number of partners 3iS currently supports: **8**

15
Number of staff





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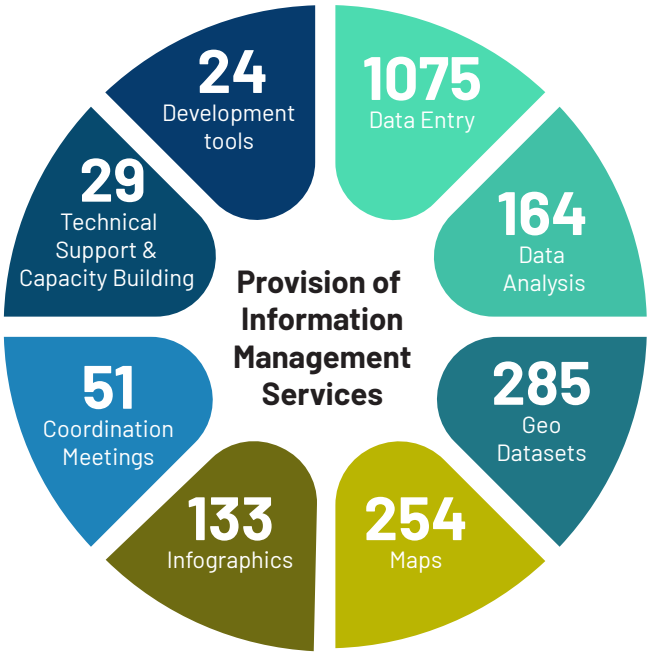
Activities and accomplishments

Data Processing: A key part of the information management cycle is data processing. Data forms are sent to 3iS as digital documents. The forms are then checked for completeness, missing information is then revised in accordance with mine action standards agreed upon between UNMAS and 3iS. Where forms shared do not meet these standards, further consultations are made with UNMAS so that the missing data fields are revised appropriately. The forms are then logged into a dedicated mine action database for storage and further analysis.

Statistical analysis: Through our dedicated mine action database, we are now better placed to provide reliable figures for project management, as well as perform time series analyses on UNMAS mine action activities over a period of time for Mosul operation. The project is also receiving additional data from the south and processing as an interim measure as a long term solution is devised.



Mine Action Database for UNMAS: 3iS has designed a dedicated mine action database to manage UNMAS mine action data and information. The database together with an inbuilt reporting tool now provides a platform for promptly responding to UNMAS information requirements for response, programming and planning.

Maps production: The project's GIS unit uses the datasets processed to create maps of hazard locations, areas cleared, items removed and road tracks from UNMAS missions, or any other request from UNMAS. Security incidents data, collected by 3iS, provide further information that the project unit has used for mapping. High resolution satellite imagery from DigitalGlobe has also been used to provide additional background information on the maps.

UNMAS Online tools: 3iS has built an array of online tools to support UNMAS and partners in information processing and data visualization, as well as tools to aid partners conduct reconnaissance desktop assessments before fieldwork:

Task requests: online tool for sending locations of suspected hazards to UNMAS emotely. The requests are then verified by UNMAS staff and tasked to an appropriate partner.

Image swipe/comparison app: side-by-side comparison of satellite imagery of the same location from two different time periods. The swipe app is useful for conducting a desktop survey by partners before going out to the fields to get an idea of extent of damages due to conflict.

Number of partners supported in the clusters: 8

Agriculture | Health | Mine Action sub cluster | Protection | Shelter | WASH