



DIEM – Data in Emergencies

DIEM Introduction & Sudan Experience

Presented by FAO Sudan

The Data in Emergencies (DIEM) Information System introductory video



https://www.youtube.com/watch?v=Y_3QsHLDZp4

What makes DIEM unique?

- Launched in June 2020 to better understand the **impact of shocks on agricultural livelihoods** in food crisis contexts.
- Timely and granular data **inform decision-making and programming**.
- Main resource partners:



Three pillars



- DIEM is organized around three pillars: DIEM-Monitoring, DIEM-Impact and DIEM-Risk (expected in 2023).
- The products that make up these pillars include dashboards, a map gallery, StoryMaps, datasets (microdata and aggregated data), briefs and analytical reports.

Better Life: Resilient agri-food systems
Resilience programming Anticipatory action

Better Life: Agriculture and food emergencies
Emergency response Recovery programming

FEWS NET, GIEWS, AA

IPC/CH, HNO, GNAFC, Hand-in-Hand

DIEM
Data In Emergencies hub

<https://data-in-emergencies.fao.org/>

Human Resources

- Global unit
- Regional advisors
- Country-level analysts
- Collaboration with other divisions (ESS, NSL) and regional hubs

Leveraging DIEM-Monitoring HR, technical developments, workflows, and key tools for other pillars


DIEM Monitoring

- Context monitoring
- Shocks & agricultural livelihoods
- Household + trader + KI surveys




DIEM Impact

- *Ex-post* hazard impact assessments
- PDNA, Damage & Losses
- Remote-sensing



DIEM Risk

- Risk profiling
- Hazards and livelihoods baselines
- Multi-layers risks mapping

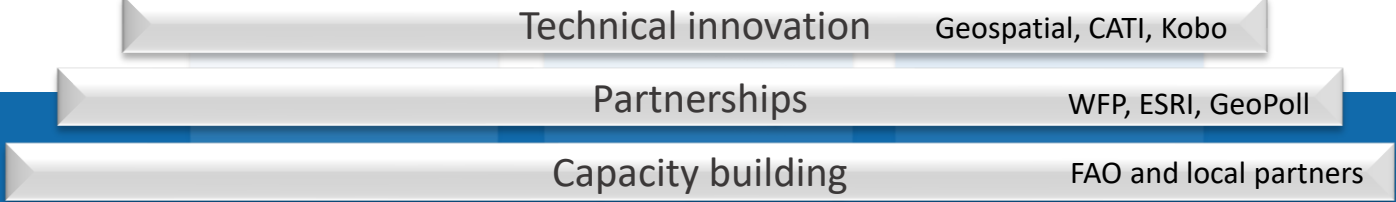


SCHEDULE

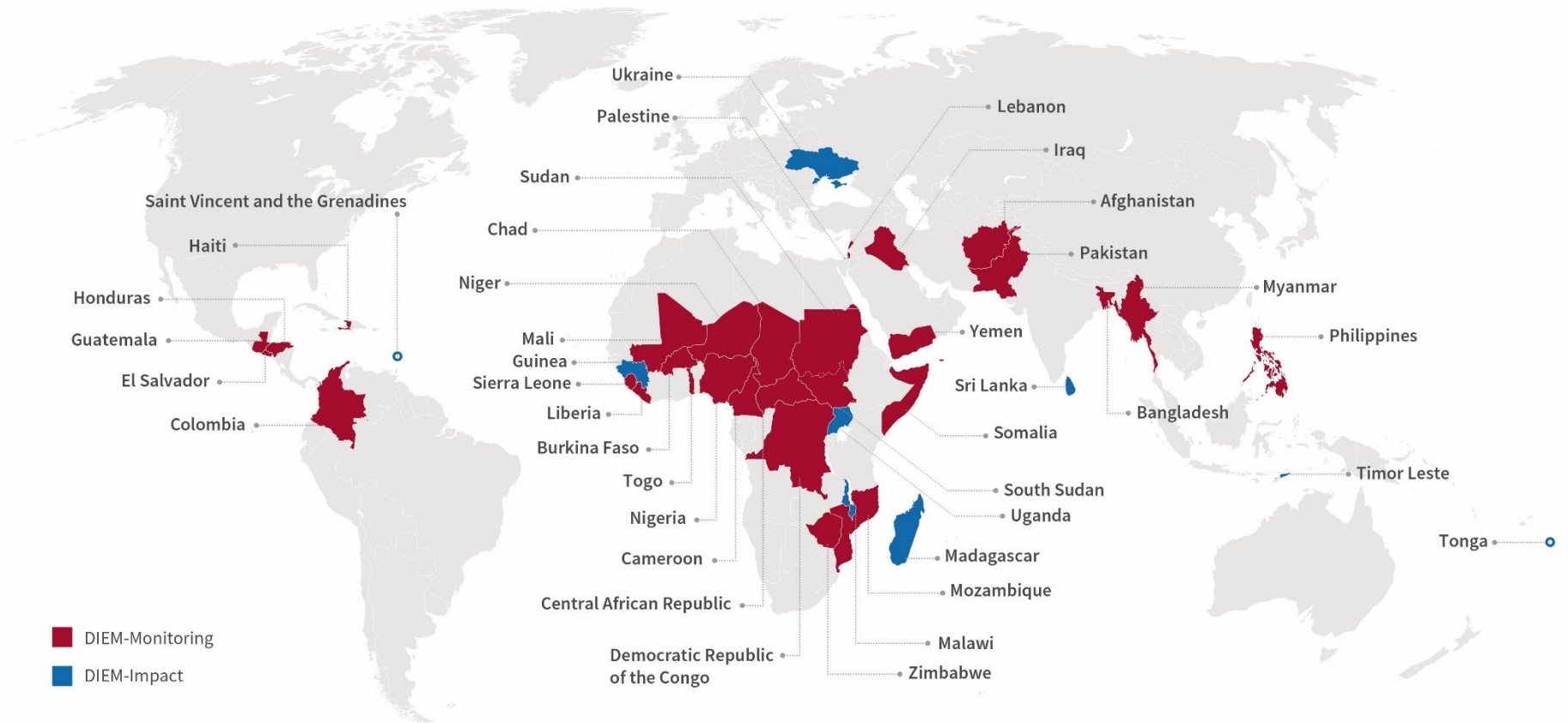
DIEM-Monitoring
 Jul 2020-Jul 2021: Phase I
 Jul 2021-Dec 2022: Phase II
 Jan 2023 – Dec 2023: Phase III

DIEM-Impact
 2022: Development and piloting

DIEM-Risk
 2022: Development
 2023: Piloting



DIEM countries



DIEM-Monitoring

- Since June 2020, DIEM surveys have been completed in **30 countries** reaching **150 000 households** per year.
- Data are collected multiple times per year in each country in line with the seasonal calendar.



DIEM-Monitoring

- Collects, analyses and disseminates data on agricultural livelihoods and food security in countries prone to multiple shocks.
- Aims to inform decision-making by providing regularly updated information on how different shocks are affecting agricultural populations.





Key Informant Interviews

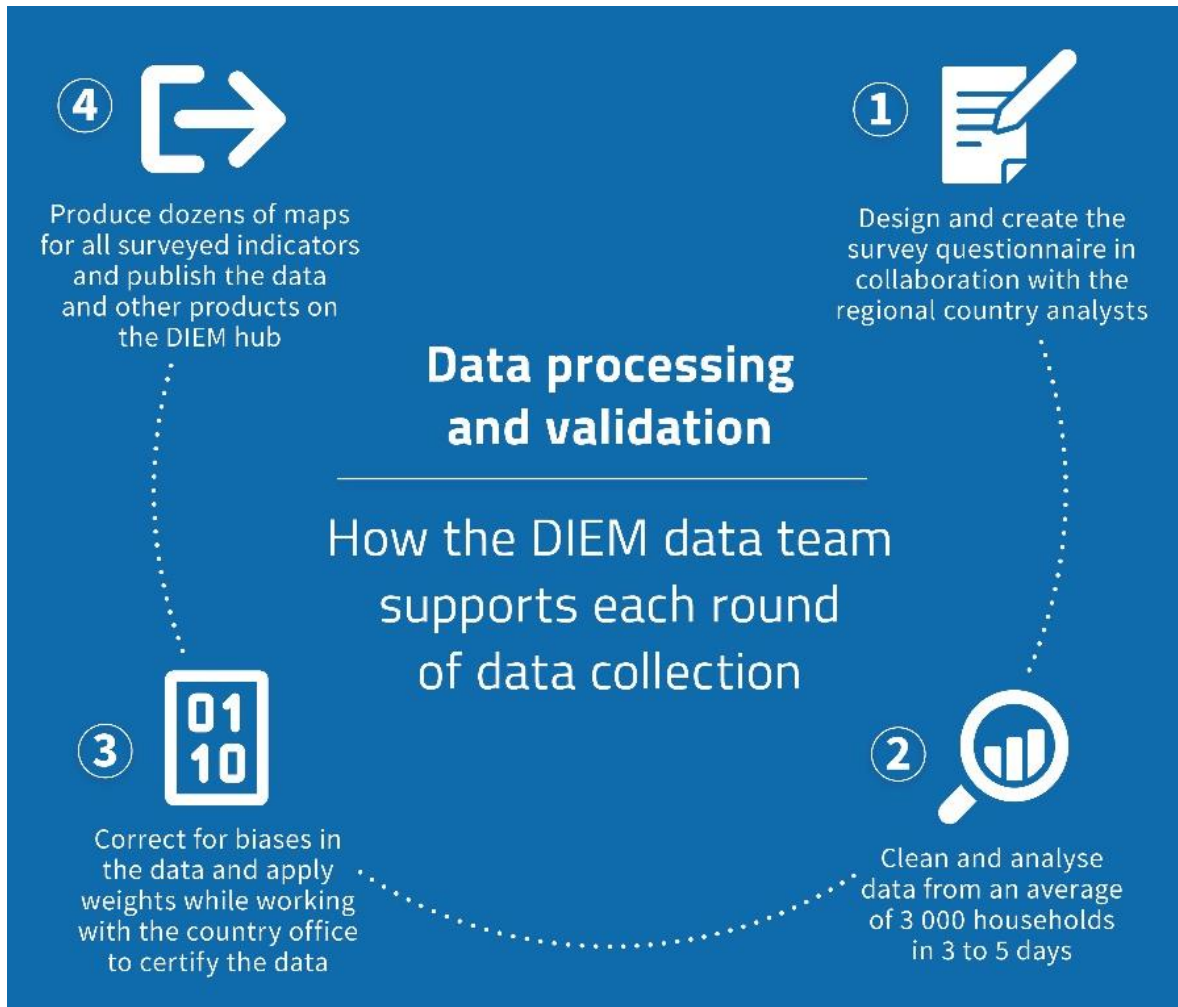
- Agro-inputs traders
- Food Traders
- Extensions Officers in Different Sectors.



Sudan DIEM Experience

- There have been four rounds of DIEM Monitoring Data collection conducted in Sudan from 2021 to date. Round one (R1) and three (R3) were published in the DIEM HUB (<https://data-in-emergencies.fao.org/search?groupIds=ab8a43038b6347ac93507988f7e2a90b&q=Sudan&sort=-created>), and R4 being published soon (April 2023).
- One face to face HH survey (R3) and three KII (both face to face and CATI) conducted through FAO partnership with FSTS (Food Security Technical Secretariat).
- The coverage for HH survey was 10 states most vulnerable according to latest IPC; KII covered all 18 states.

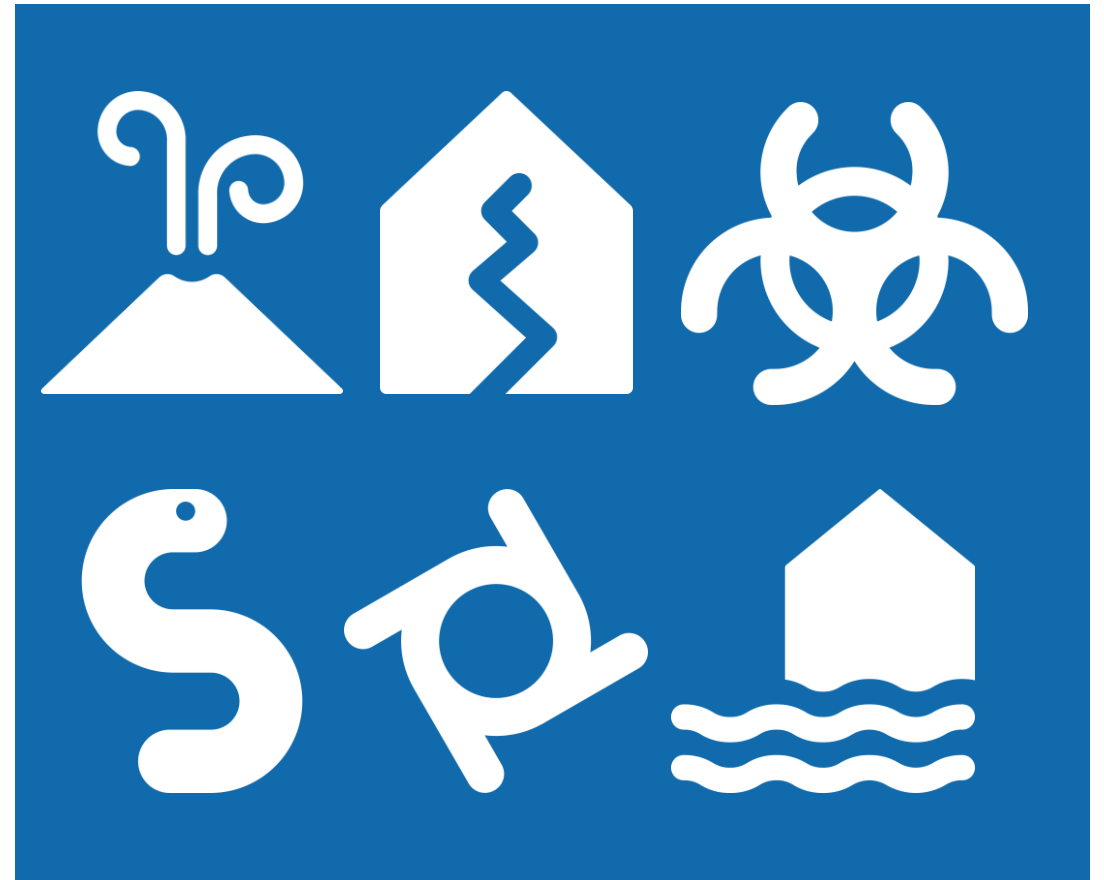
Data workflow



- Data collected at household level through computer-assisted telephone interviews (CATI) and face-to-face surveys.
- Semi-automatic processes of data cleaning, aggregation, analysis and validation.
- All indicators are displayed on the Hub and updated in real time.

DIEM-Impact


- Ex-post assessments combining remote sensing data, household level data and qualitative information to identify populations affected.
- Determine a dollar value of damages and losses and lay the foundations for emergency and recovery activities.



The Hub



Welcome back to the DIEM Hub

 Enter a keyword or keywords, such as "Liberia" or "Sierra Leone que..."

The Food and Agriculture Organization of the United Nations (FAO) established the Data in Emergencies (DIEM) Hub in June 2021 to provide a regularly updated and highly accessible picture of food insecurity in fragile environments and to inform FAO's evidence-based programming.

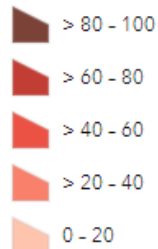
<https://data-in-emergencies.fao.org/pages/monitoring>

DIEM products (Dashboards)

Round 03 data collection for Mozambique started on 13 April 2022 and ended on 29 May 2022.

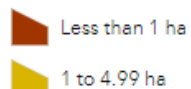
Crop producers reporting a drop in main crop price


%

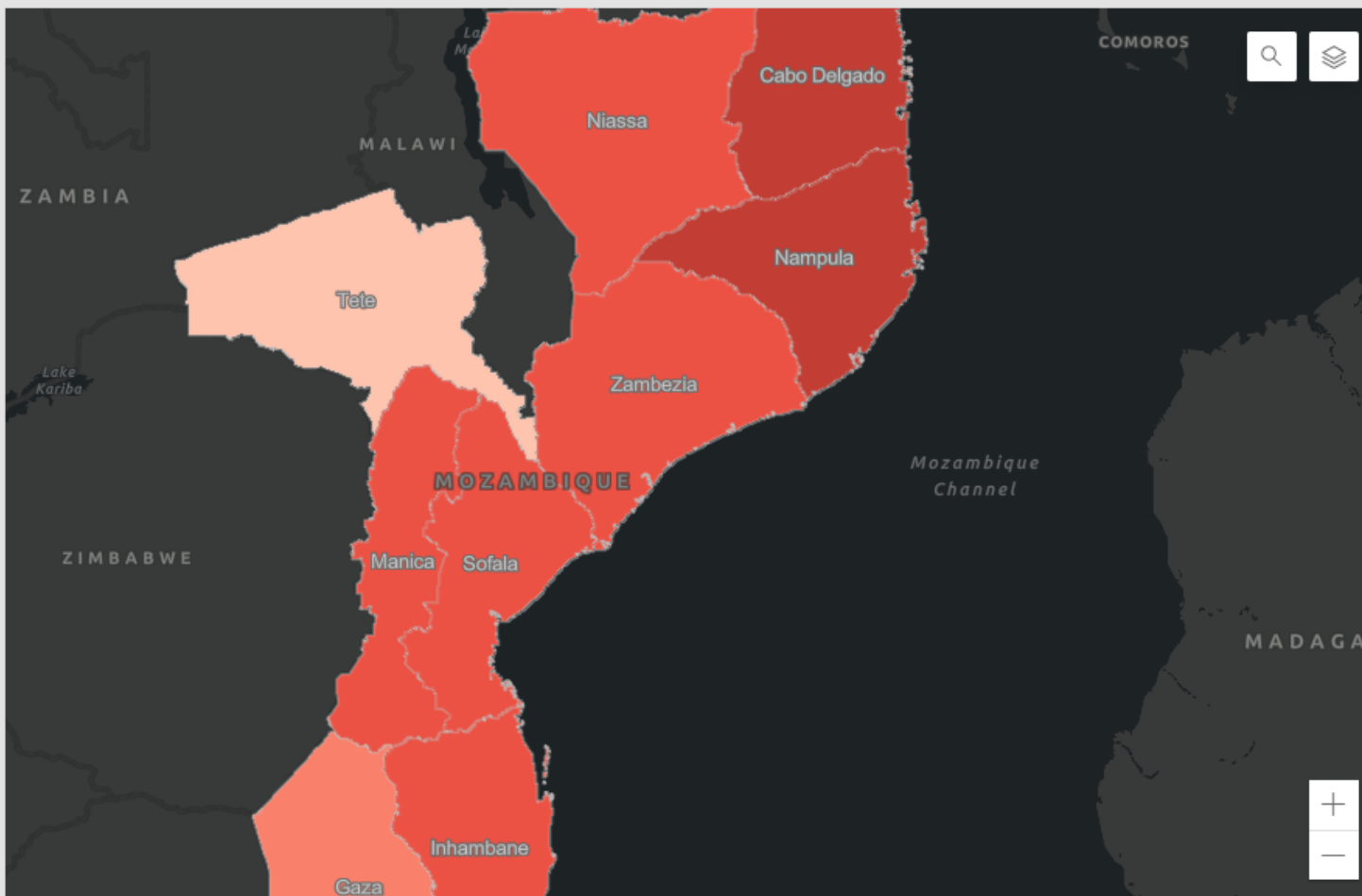


Predominant landsize reported by crop producers

Predominant category



To choose an indicator, click on the Layer icon .



Crop producers surveyed

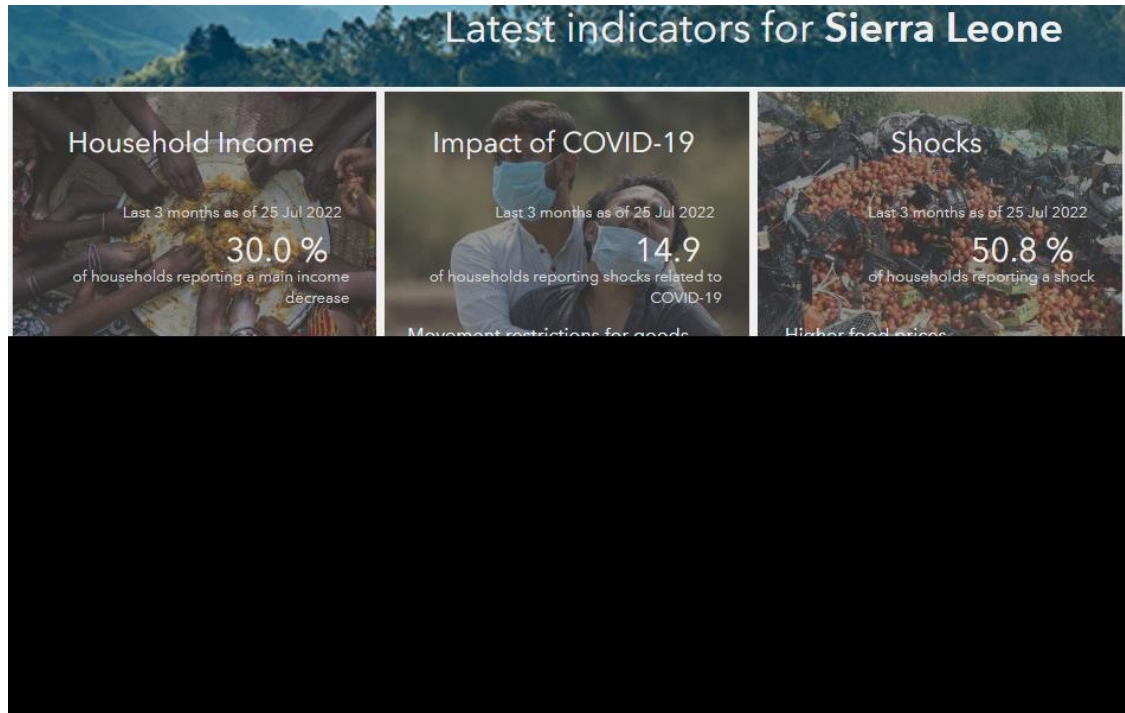


Crop producers facing difficulties in crop production
(In the last/ongoing season)



Crop producers facing difficulties in selling crops
(In the last 3 months)

Access to data-from the dashboard



- Analysed and validated data are published on interactive dashboards.
- Data can be filtered by country, survey round, subnational admin unit and household type to provide the user with the data needed to inform decision-making.

Visit DIEM: <https://data-in-emergencies.fao.org/>

Contact us: data-in-emergencies@fao.org

Continue the conversation: #DataInEmergencies



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