

MID-TERM PRESENTATION

Project: SudMig

**IP SDI SERVICES IMPLEMENTATION
WT2023/24**

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Content

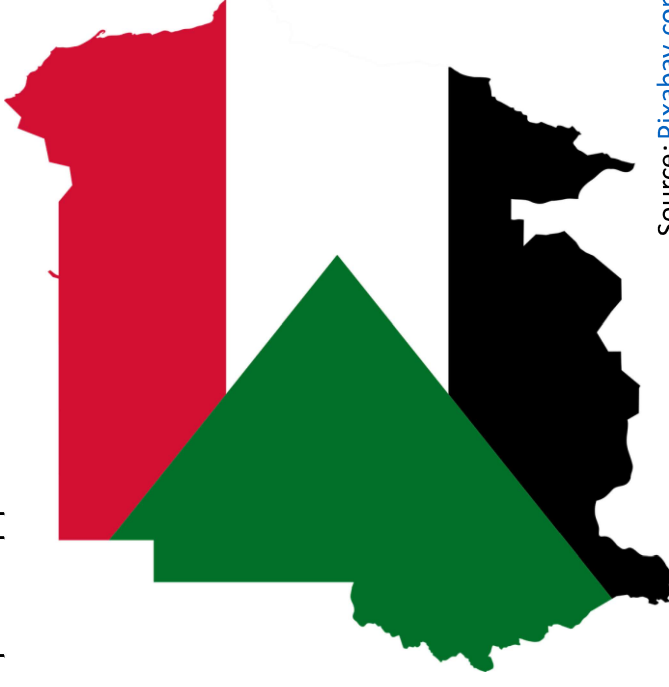
- Topic & context
- Objectives
- Stakeholders
- Data
- Project Management
- SDI Methods and components
- SDI infrastructure
- Problems/obstacles
- Current status and outlook

Topic and context

- Title: "Sudan: monitoring migrant movements related to the 2023 conflict"
- Ongoing conflict that broke out in Sudan in mid-April 2023
- War between the Sudanese Armed Forces and the paramilitary Rapid Support Forces
- Causes people to flee within Sudan or to neighbouring countries



Source: [International Organization for Migration](https://www.iom.int/news/sudan-faces-worlds-largest-internal-displacement-crisis)



Source: [Pixabay.com](https://pixabay.com)

Objectives

- Communicate **spatiotemporal movements** of Internally Displaced People (IDPs) in Sudan
- Creation of an effective and transparent **SDI** that **integrates statistical** and **geo-data**
- **Collect and store** open and up-to-date data on Sudan's internal migration in a DBMS
- **Share** a set of **(standardized) geo-services** for data sharing and communication
- Develop an **interactive dashboard** that supports data analytics and decision-making processes within the United Nations Authorities

Stakeholders

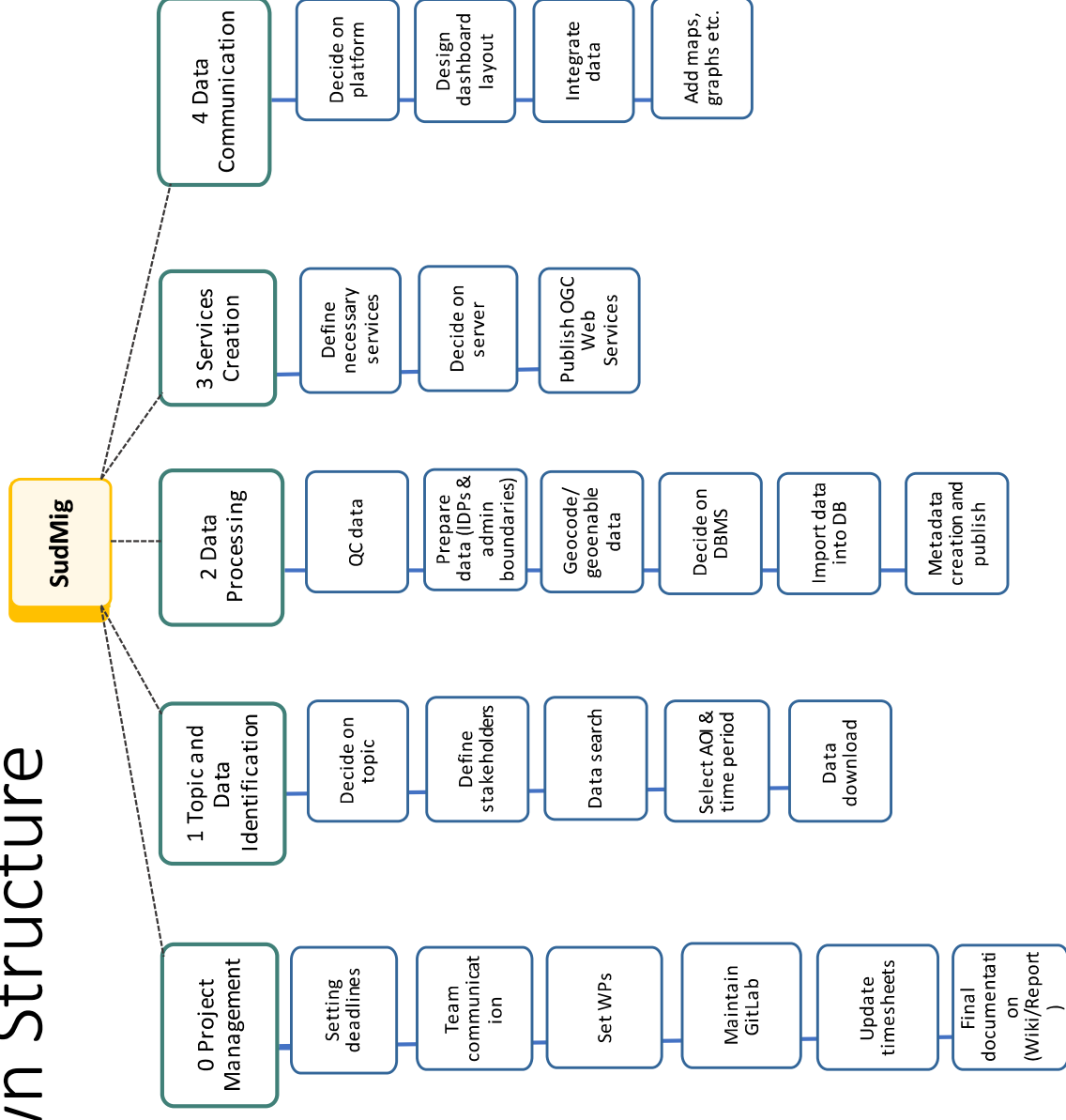
Name	Nadia	Malik	Kathrin
Organization	UNHCR*	UNOCHA**	UNDP***
Role	Field Coordinator	Humanitarian Analyst	Data Specialist
Main task	Coordination of on-the-ground UNHCR activities	Humanitarian data analysis and resource allocation	Analyzing development data and trends
Location	Sudan	Genf	New York
Needs and goals	<ul style="list-style-type: none"> - Fast information on current refugee movements - Monitoring camp capacities - Coordination with other UN agencies and NGOs 	<ul style="list-style-type: none"> - Refugee information for humanitarian needs - Analysis of resource allocations and shortages - Derive security information 	<ul style="list-style-type: none"> - Understanding of socioeconomic impacts of refugee movements - Identification of development in affected areas - Collaboration with other UN and government entities

*UNHCR = United Nations High Commissioner for Refugees
 **UNOCHA = United Nations Office for the Coordinator of Humanitarian Affairs
 ***UNDP = United Nations Development Programme

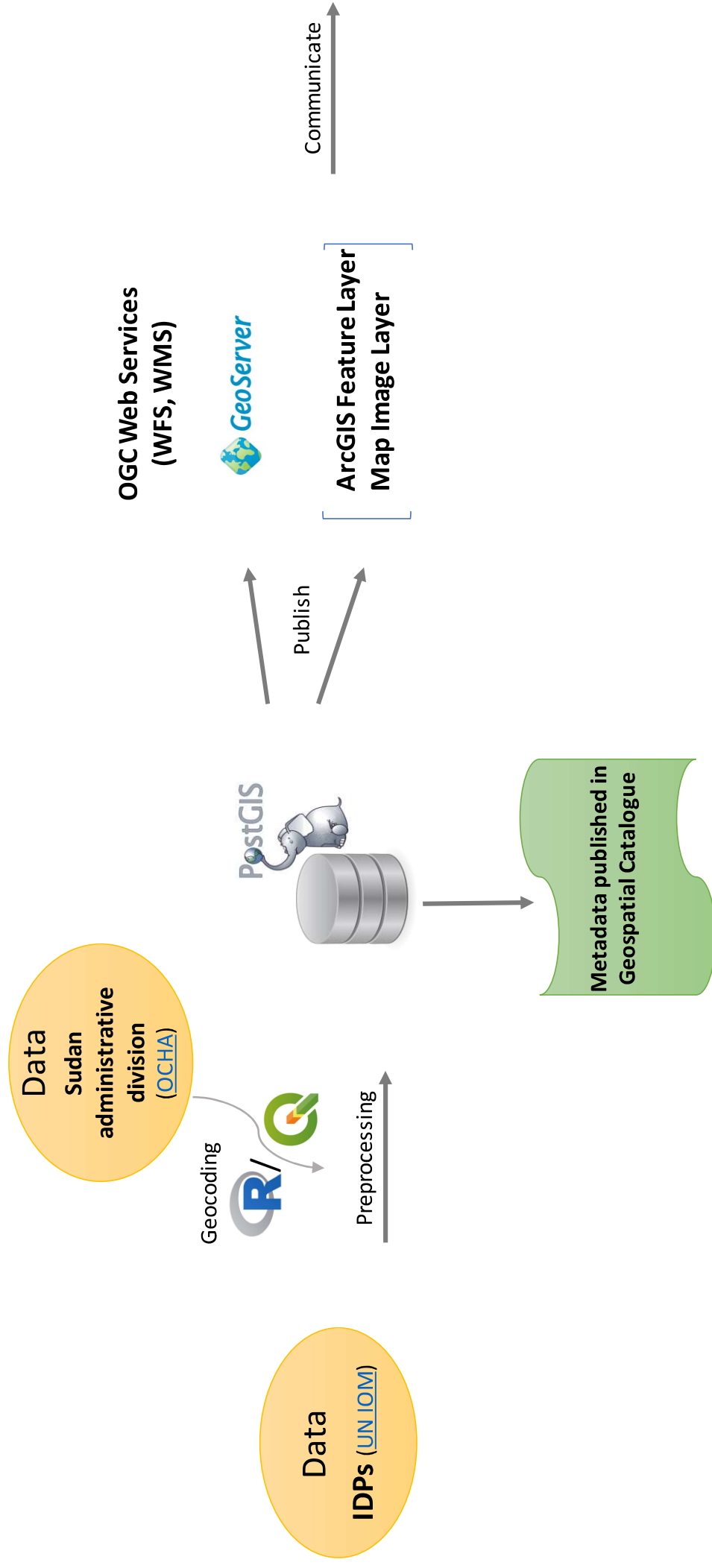
Data

- **Statistics of Internally Displaced Persons (IDPs) in Sudan**
 - Provided by: International Organization for Migration (IOM)
 - Available at: <https://data.humdata.org/dataset/sudan-displacement-situation-idps-iom-dtm>
- **Geodata**
 - Sudan - Subnational Administrative Boundaries
 - Provided by: OCHA Regional Office for Southern and Eastern Africa (ROSEA)
 - Available at: <https://data.humdata.org/dataset/cod-ab-sdn>
 - World countries boundaries
 - Provided by: Eurostat
 - Available at: <https://ec.europa.eu/eurostat/web/gisco/geodata/reference-data/administrative-units-statistical-units/countries>
- **Variables to integrate and analyze**
 - Date (timestamp)
 - Total estimate of recently displaced individuals
 - State of displacement of IDPs
 - States of origin of IDPs

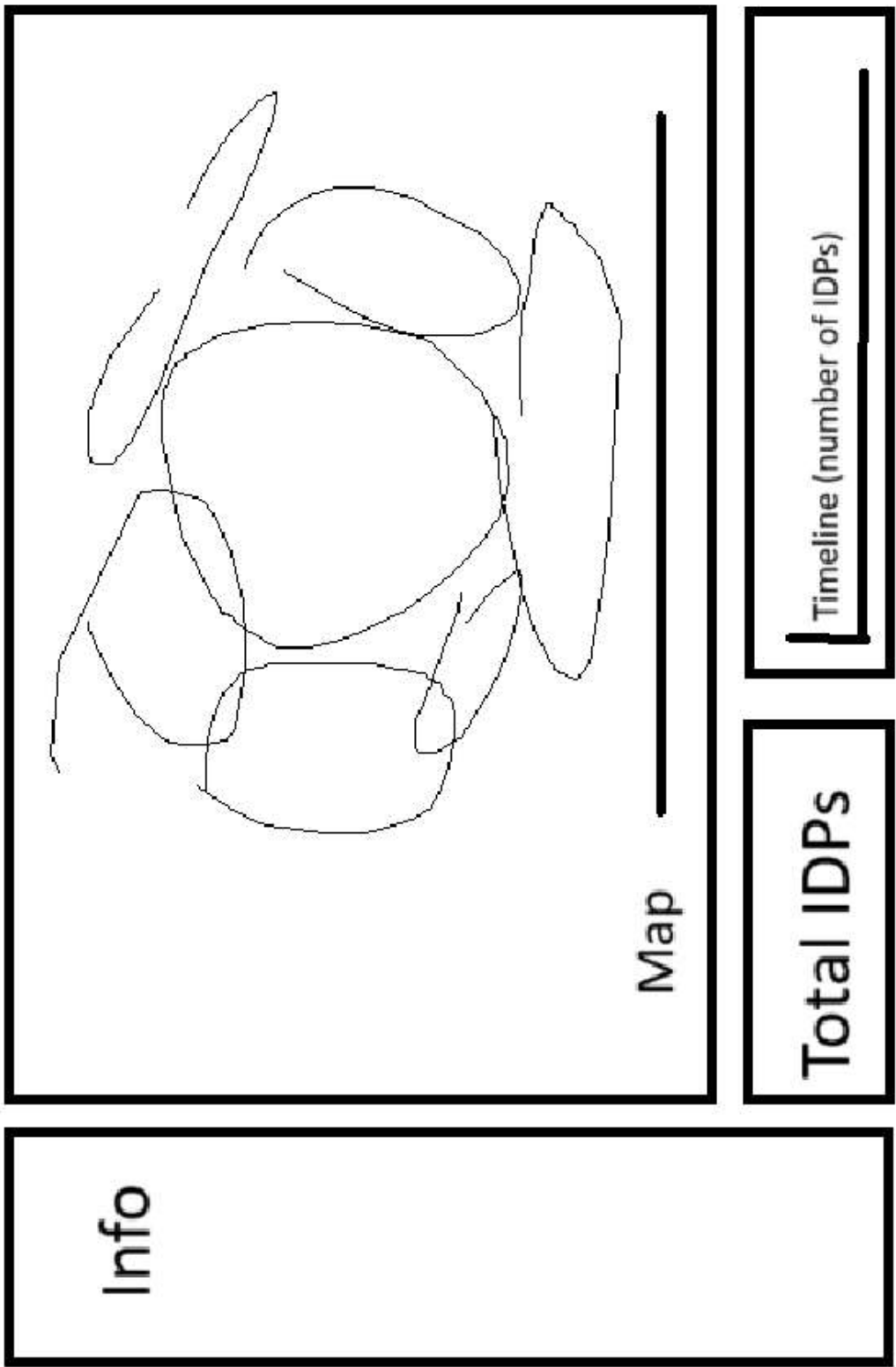
Work Breakdown Structure



SDI Architecture



Dashboard draft



Obstacles

- Inconsistent data structure requires manual data preparation -> limited possibilities for automated data updates
- Data table structure (rows, columns) to fit the needs of the dashboard

Current status and outlook

- **Current status**
 - Defined topic, objectives, and stakeholders
 - Defined SDI structure
 - Find and download data
 - Updated project overview document, Gantt chart, milestones
- **Outlook**
 - Prepare data
 - Integrate them into the DBMS
 - Update GitLab