

Integrated Deprivation Area Mapping System

for Displacement Durable Solutions and socioeconomic reconstruction in Khartoum, Sudan

FINAL SYMPOSIUM

BACKGROUND

خلفية

Through series of workshops and consultation with stakeholders conducted by SUDTT, a clear gap was identified in spatial information about the physical location and structure of deprived areas in Sudan, while also linking it to the socio-economic and socio-cultural issues within these areas. The need was identified for capacity building within the government entities dealing with these issues and also within relevant civil society organizations and NGOs. The identified gaps guided the scope and purpose of **IDeaMapSudan** project.

عبر سلسلة من الورش التي نظمتها منظمة التنمية العمرانية السودانية (SUDTI) و التشاور مع عدد من أصحاب المصلحة حددت فجوة واضحة في المعلومات المكانية و تكوين مناطق الحرمان/الفقر (المستوطنات العشوائية) مع ربطها أيضًا بالقضايا الاجتماعية والاقتصادية لهذه المناطق. و تم تحديد الحوجة إلى بناء القدرات للمؤسسات الحكومية التي تتعامل مع هذه القضايا وكذلك منظمات المجتمع المدني والمنظمات غير الحكومية ذات الصلة. و قد وجه ذلك مقترح تطوير مشروع IDeaMapSudan.

Launched in 2021, The **IDeAMapSudan** project aims to develop a geo-spatial database for mapping deprived urban areas (e.g., informal settlements) that will support the decision making process for socio-economic reconstruction in Khartoum, Sudan.

IDeAMapSudan Project is implemented in partnership between Sudan Urban Development [Think-Tank] Organization (SUDTT), the University of Twente (UT-ITC), Netherland; Université Libre de Bruxelles (ULB); and the African Population and Health Research Centre (APHRC), Kenya. Funded by the Netherland's Ministry of Foreign Affairs under the Orange Knowledge Program (OKP) which is managed by NUFFIC. In collaboration with the main beneficiary organizations; The Ministry of Social Development (MoSD), the Ministry of Transport (MoT), and the Ministry of Physical Planning-Khartoum State (MoPP-KH).

The project partners worked collaboratively with local governments and civil society organizations on: Providing training for a group of ToT on the use of GIS and EO techniques to map urban deprived areas; Building an initial Multi-Level Deprivation Model for Greater Khartoum as a study area; and creating an open geo-spatial data base for IDeAMapSudan.

The final IDEAMAPSUDAN SYMPOSIUM aims to bring together relevant stakeholders to present IdeaMapSudan output and lessons learned, discuss developing informed poverty policy alleviation strategies and livelihood strategies, and address sustainability and follow-up projects for scaling-up and transferability of IdemapSudan.

تم إطلاق مشروع IDeAMapSudan في عام 2021م، و الذي يهدف إلى تطوير قاعدة بيانات جغرافية مكانية و انشاء نموذج تخريط للمناطق الحضرية الممرومة (مثل المستوطنات العشوائية) التي ستدعم عملية صنع القرار لإعادة الإعمار الاجتماعي والاقتصادي في الخرطوم، السودان.

يتم تنفيذ مشروع IDeAMapSudan بشراكة بين منظمة التنمية العمرانية السودانية (SUDTT) وكلية علوم المعلومات الجغرافية ورصد الأرض بجامعة توينتي (UT-ITC) ، هولندا و جامعة بروكسل الحرة (ULB)، بلجيكا والمركز الأفريقي لأبحاث السكان والصحة (APHRC) ، كينيا. بتمويل من وزارة الخارجية الهولندية في إطار برنامج Program (OKP) الذي تديره NUFFIC. و ذلك بالتعاون مع المستفيدون الرئيسيون: وزارة التتمية الاجتماعية (MOSD)، و وزارة النقل (MOPP-KH).

عمل شركاء المشروع بالتعاون مع الحكومات المحلية ومنظمات المجتمع المدني على: توفير تدريب لمجموعة مدربين ToT على استخدام تقنيات نظم المعلومات الجغرافية ورصد الأرض لرسم خرائط للمناطق الحضرية المحرومة؛ وبناء نموذج أولي للحرمان متعدد الأبعاد للخرطوم كمنطقة دراسة؛ وإنشاء قاعدة بيانات جغرافية مكانية مفتوحة لـ IDeAMapSuda.

تهدف الفعالية الختامية للمشروع IDEAMAPSUDAN إلى الجمع بين أصحاب المصلحة ذوي الصلة لتقديم مخرجات IdeaMapSudan والدروس المستفادة، والتحاور حول تطوير استراتيجيات مبنية على الأدلة لتخفيف حدة الفقر واستراتيجيات سبل العيش، ومناقشة استدامة و تطوير IdemapSudan و إمكانية توسيع نطاقه.



















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SYMPOSIUM PROGRAM		
Monday - 20 th February 2023 – Opening Day Data for Poverty Alleviation Strategies		
Session 1: Introduction and opening		
Arch. Inas Mokhtar, Local Coordinator	Welcome and presentation of the agenda	
Eng. Yassir Subair	Welcome and speech by the Chairman Board of Directors, Sudan Urban Development Think-Tank Organization (SUDTT)	
Mr. Martijn Lambarts	Speech by the Deputy Head of Mission, The Embassy of The Kingdom of the Netherlands	
Dr. Jamal Alniel	Speech by the Undersecretary of the Federal Ministry of Social Development	
Dr. Monika Kuffer, ITC	Overview of IDEAMAPSUDAN project and outputs	
Session 2: Poverty Alleviation Strategies & the use of multiple deprivation data		
Arch. Inas Mokhtar, Local Coordinator	Introduction round of participants	
Eng. Fatima Ahmed, ToT	How data on multiple deprivation can used - Presenting IDEAMAPSUDAN maps & deprivation modelling of Khartoum State	
Eng. Mustafa Hamza & Julia Kumi, ToT	Examples of local projects/plans that could benefit from IdeamapSudan: the Khartoum Structure Plan, and the Ministry of Social Development	
Session 3: Geo Data Portal		
Dr. Serkan Girgin, ITC	Geospatial Data Portals and Open Geospatial Data	
The National Centre for Vital and Spatial Information	The National GEO Portal, an overview	
Dr. Hatim Elobied	Local Data Portals: Sudan Geoportal from Idea to Reality	
Eng. Asgad Abid, ToT	IDEAMAPSUDAN data portal - Short tour	
Dr. Serkan Girgin, ITC	Open discussion on sustainability of geospatial data portals & open access data	
Dr. Serkan Girgin, ITC Arch. Inas Mokhtar	Wrap-up and Conclusions	



















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SYMPOSIUM PROGRAM		
Tuesday - 21 st February 2023 - Expert Workshop Multi-Deprivation Modelling		
Session 1: Introduction and opening		
Arch. Solafa Aied, SUDTT	Welcome and speech by the General Secretary, Sudan Urban Development Think-Tank Organization (SUDTT)	
Dr. Monika Kuffer, ITC	Welcome and speech by the Project Director of IDEAMAPSUDAN	
	Introduction round of participants	
Arch. Wafa Sakhi, ToT	IDEAMAPSUDAN - Overview of the project and training structure	
Session 2: Multiple Deprivation Modelling - IDEAMAPSUDAN and other examples		
Dr. Monika Kuffer, ITC Caroline Kabaria., APHRC	Examples of mapping multi-level deprivation on different cities	
Eng. Fatima Ahmed, Eng. Mustafa Hamza, ToT	Overview of Ideamp\$udan modelling and approach, Khartoum deprivation mapping	
Session 3: Participatory Mapping and Feedback		
Dr. Eleonore Wolff, ULB Caroline Kabaria, APHRC	Participatory GIS mapping	
André Mano, ITC Charlotte Flasse, ULB Asgad Abid & Julia Kumi, ToT	Participatory Mapping, Interactive session : Where are the best places to live in Khartoum ?	
	Wrap-up and Conclusions	



















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SYMPOSIUM PROGRAM		
Thursday - 23 rd February 2023 – Closing Day		
Outlook and Scaling up		
Session 1: Lessons learned and reflection on main outcomes		
	Welcome and Introduction round of participants	
Dr. Monika Kuffer, ITC		
André Mano, ITC	Wrap-up of the Experts workshop on participatory mapping &	
Arch. Inas Mokhtar,	Reflecting on main outcomes and the community visit	
Local Coordinator		
Session 2: Transferability and scalability of IDEAMAPSUDAN and follow-up plans		
ITC + ULB + APHRC	Brainstorming for the future	
Dr. Monika Kuffer, ITC SUDTT	Closing and Final remarks	















