

OPEN DATA & OPEN KNOWLEDGE Workshop

❖ *Session 4: National GEOs: Experiences from Kenya's National GEO*

Open Data Open Knowledge Workshop

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Kenya Space Agency

- ❑ Kenya Space Agency (KSA) established as a State Corporation on **24th February 2017**.
- ❑ **Mandate**
 - Promote, Coordinate and Regulate space related activities
- ❑ **Vision**
 - To utilize space for Kenya's economic and social development
- ❑ **Mission**
 - To develop and nurture a vibrant and viable domestic space industry

Role of KSA in Space Ecosystem

- Nurture & support the growth & development of the space sector
- Foster private sector growth and attract foreign business
- Define and communicate a clear vision and strategy
- Establish a conducive and strategic regulatory framework
- Be the national space sector's international face
- Drive strategic space activities

Why National GEO for Kenya?

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□ **Standardization of Processes and Systems**

- ❖ Development and adoption of common data standards, data sharing protocols, and interoperable systems which allows for seamless data exchange, integration, and analysis

□ **Collaboration and Knowledge Sharing**

- ❖ Provides a platform for sharing knowledge, experiences, and best practices by bringing together experts, practitioners, researchers, and stakeholders resulting in consolidation of efforts, collaboration and improved decision-making

□ **Policy and Governance Support**

- ❖ Facilitates extensive dialogue between policymakers, researchers, and stakeholders to provide valuable inputs and expertise to support policy development, implementation, and evaluation

□ **Public Engagement and Sensitization**

- ❖ Possibility of organizing joint outreach programs, educational campaigns, and citizen science initiatives involving the public in data collection, monitoring, and analysis to promote environmental stewardship

□ **Capacity Building and Technology Transfer**

- ❖ Joint professional development and technology transfer programs to ensure EO practitioners are equipped with requisite skills to effectively utilize EO information, technologies and data analysis techniques in support of decision-making process



Communities of Practice (CoP)



Agriculture (Crops, Livestock & Fisheries) and Food Security



Natural Resources Management



Data Governance & Infrastructure



Human Settlement and Spatial Planning



Health systems



Climate Action and Disaster Risk Reduction

Thank You

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