

**Expert meeting and consultations on
Enhancing Geospatial Information Management Arrangements and
Accelerating the Implementation of the Sustainable Development Goals
and Sub-regional workshop on implementation of the
United Nations Integrated Geospatial Information Framework for the
Southern Africa**

**Maputo, Mozambique
24-28 March 2025**



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**Enhancing Geospatial Information Management arrangements
Accelerating the Implementation of the SDGs
Sub-regional Workshop on UN-IGIF for the Southern Africa**

Discussion on Challenges & Opportunities

27 March 2025

- Group 1 (LLDC)
- Group 2 (SIDS)
- Group 3 (MOZ)



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Group 1 LLDC



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Major challenges and barriers in enhancing geospatial information

- Limited skills in geospatial information management to meet the needs of the sector.
- Low funding limiting geospatial information operations.
- Lack of national standards for data collection, management and storage.
- Lack of favorable data sharing policies.
- Insufficient integration into modern geospatial technologies.
- Lack of awareness on the value geospatial information brings to the economic, social, environment and development of our countries.



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Major Opportunities for implementation geospatial strategies

- ❑ Existence of institutional and governance frameworks.
- ❑ Establishment of legal bases for the coordination of geospatial information management in some countries.
- ❑ Expert opinion and geospatial information usage in running government programs.



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Major Opportunities for implementation geospatial strategies

- Existence of institutional and governance frameworks
- Establishment of legal bases for the coordination of geospatial information management in some countries.
- Expert opinion and geospatial information usage in running government programs.
- International and local development agencies willingness to cooperate and collaborate with our countries in geomatics field.



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Activities and collaboration arrangement we need

- Guidance from UN-GGIM to come up with the implementation of country based UN-IGIF frameworks.
 - Organization structures
 - Capacity buildings
 - Funding
 - Standards
 - Innovation
- Partnerships with countries with existing structures



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Group 2 (SIDS)



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Challenges and barriers in enhancing geospatial information

- lack of awareness among decision-makers
- Human resources capacity
- Limited Digital infrastructure
- No data sharing agreement between institution
- Limited fund to carry out activities



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Major opportunities for implementing geospatial strategies

- Comoros emerging plan (priority to align with SDG)
- Existing cartographic unit supported by the government (valorize work done at national level)
- increasing demand for geospatial data acquisition
- Membership to regional and international organization (RCMRD , Région reunion , , ,)



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Activities and collaboration arrangement

- Demystify geospatial information management for decision-makers (share good practices among countries at high level)
- Explore business model (social economic benefit)
- Data sharing agreement between national institution producing geodata
- Partnership with other countries (China , South Africa ,,,,,)



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Group 3 Mozambique



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Fórum regional sobre o Reforço dos Mecanismos de Gestão da Informação Geo-espacial e Aceleração da Implementação dos Objectivos de Desenvolvimento Sustentável (ODS)

&

Workshop Sub-regional sobre o Quadro Integrado de Informação Geo-espacial das Nações Unidas (UN-IGIF) para a África Austral, incluindo PEID e PMA da região sob lema:

“Implementando Estratégias Geo-Espaciais: Desafios e Oportunidades”





MOÇAMBIQUE

AGÊNCIA NACIONAL DE DESENVOLVIMENTO GEO-ESPACIAL





What do you see as the major challenges

- Necessidade de maior apropriação de Informação Geográfica
- Fraca capacidade e conhecimento dos benefícios socio-económicos – comunicação/divulgação da proposta de valor
- Falta de infraestruturas tecnológicas incluindo licenças
- Limitação de recursos financeiros (priorização no orçamento)





What are major opportunities for implementing Geospatial Strategies?

- O momento apropriado para introduzir o conceito - início do ciclo de governação;
- Abertura do Governo que demonstra compromisso - I sessão do Comité Nacional a ser presidido pela PM por ser agendado para finais Abril'25
- O Governo está sensível aos eventos climáticos extremos de modo que podemos comunicar a importância da IG na antecipação, gestão e melhoria de resiliência;
- A importância que os parceiros internacionais dão à IG e SDG podendo cada vez mais sensibilizar o Governo;
- Cooperação bilateral com Burundi e Camarões com experiência na elaboração de CAP



What type of activities and collaboration arrangement do you need

- Geo-espacializar a informação existente e criar sensibilização para que seja uma prática;
- Ferramentas de comunicação da importância da Informação Geográfica;
- Colaboração interna e alinhamento com o exterior (ex: standards)
- Operacionalização dos órgãos governativos da IDEMOC
- Envolvimento da academia na formação das gerações futuras em IG; e a longo prazo nos currículos escolares