

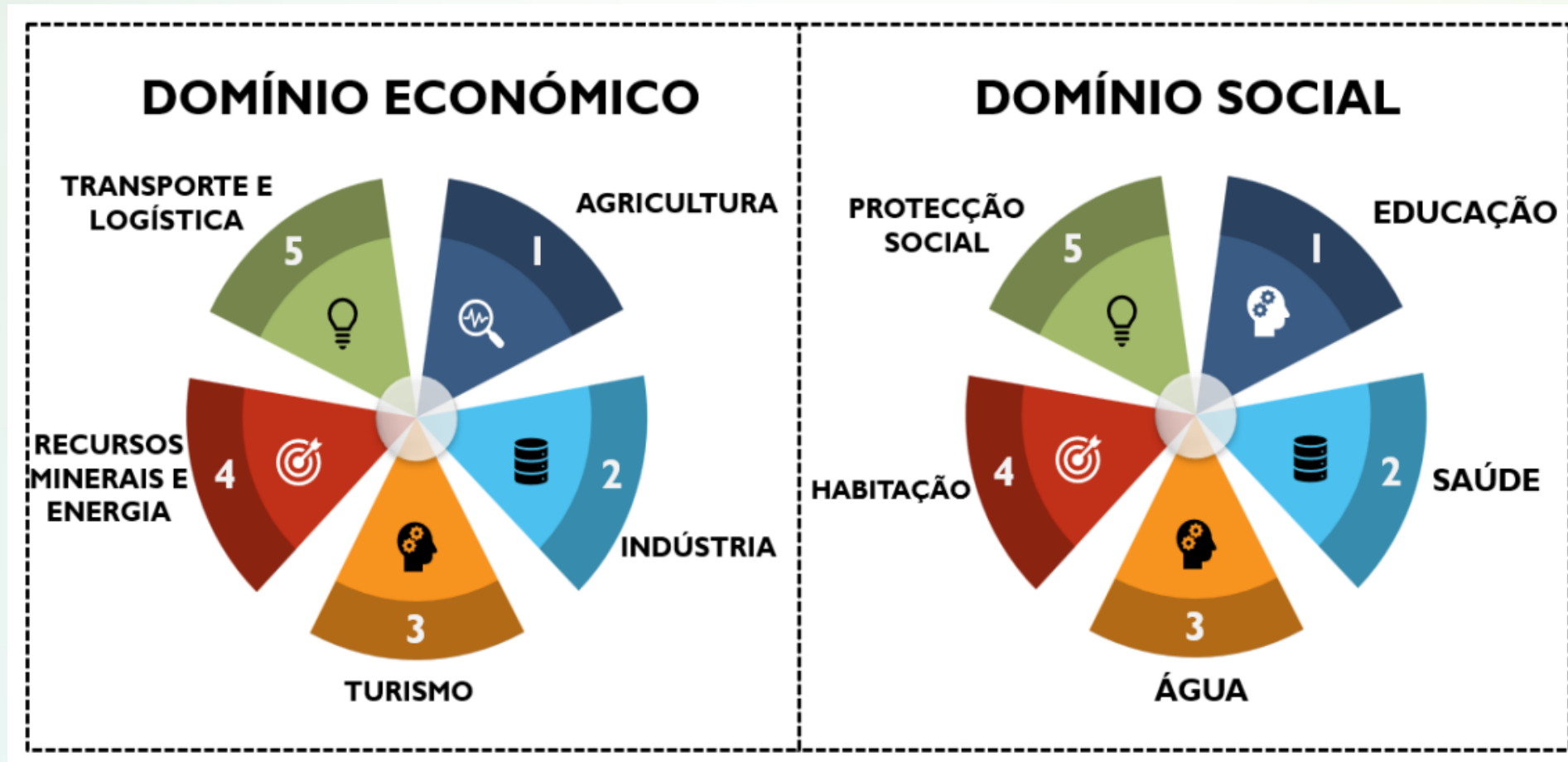
UN IGIF Implementation in Mozambique

Expert consultation and related meetings on developing strategies
and implementing geospatial solutions for the Sustainable
Development Goals

Vienna – 09-13 February 2026



Top 10 National Priorities – SDG's

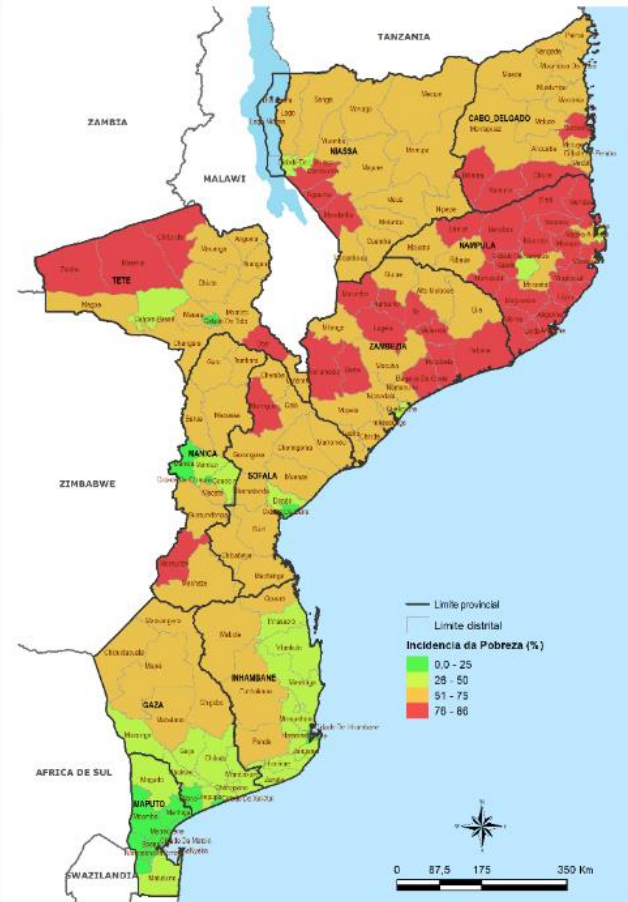


Geospatial needed to support planning and informed decision making

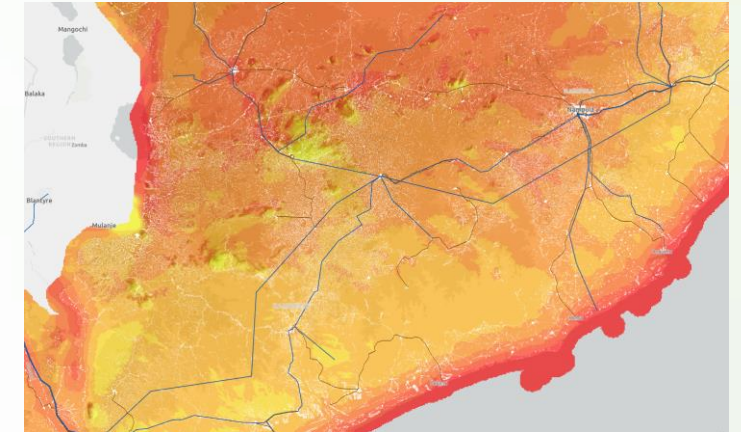
Mapping applications



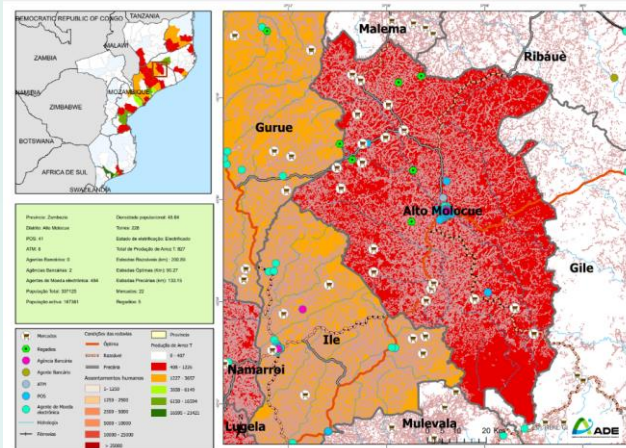
Multi-dimensional poverty analysis



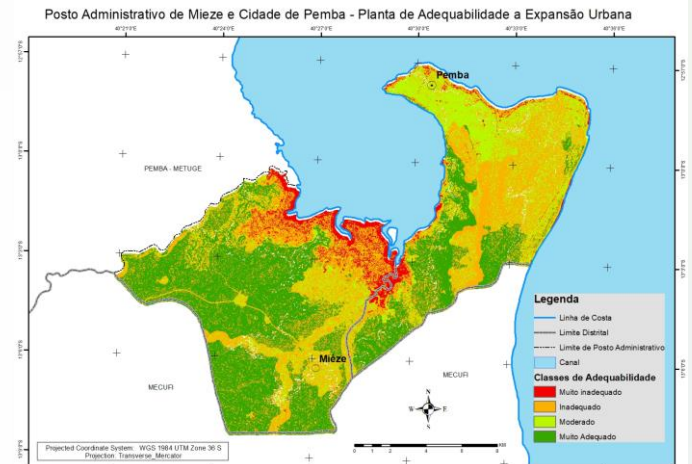
Areas to locate solar energy plants



Investment support analysis



Areas for new settlements

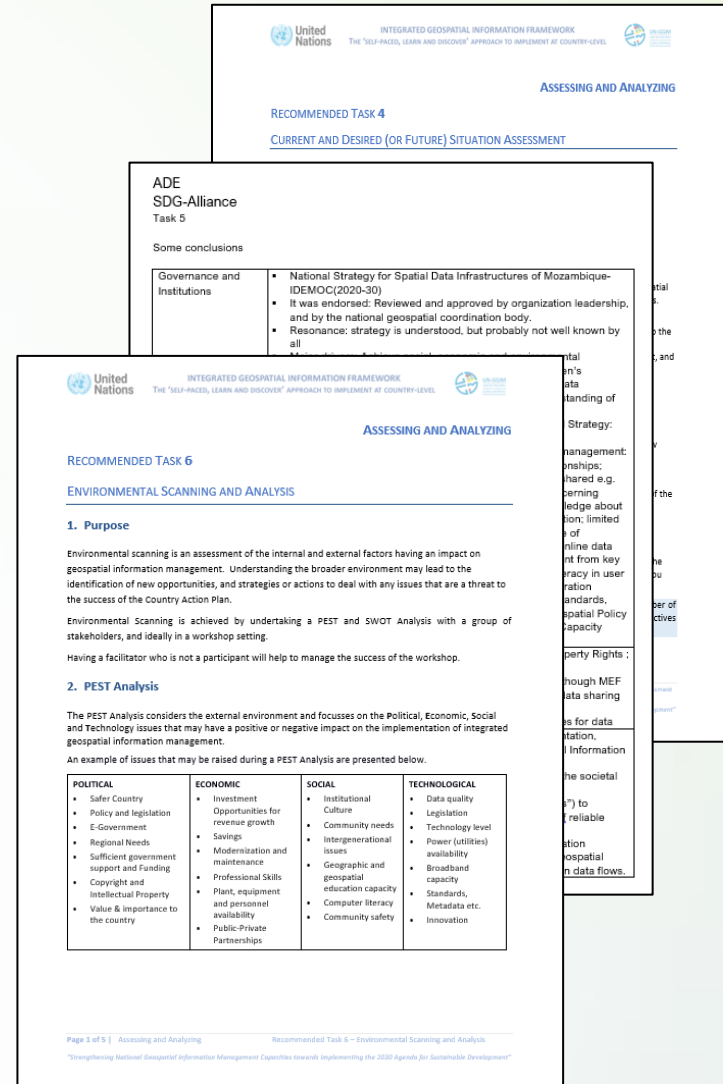
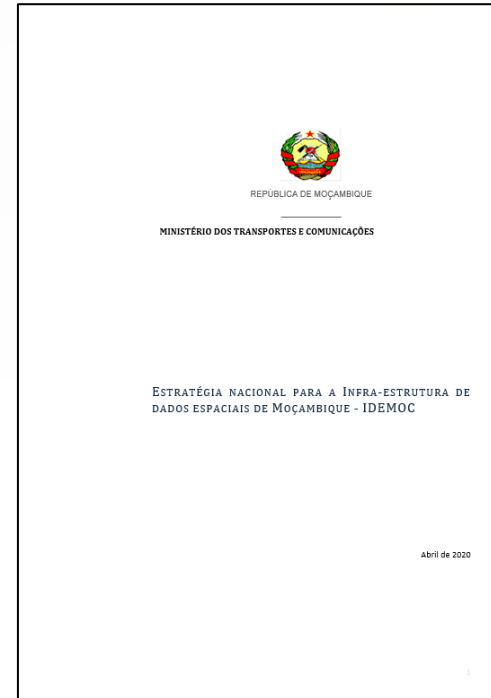


Mozambique's Spatial Data Infrastructure (IDEMOC)

The first version of IDEMOC's strategy has been developed by ADE in 2020

➔ Preliminary version developed internally and did not involve other key stakeholders

➔ ADE, with the support of the SDG Data Alliance implemented several of the UN IGIF Country Action Plan (CAP) tasks over the 2022-2024 period to start adjusting for this



Mozambique's Spatial Data Infrastructure (IDEMOC)

In parallel, through Law 2/2023 of March 24 and Decree-Law 2/2023 of November 6, the Assembly of the Republic and the Government of Mozambique approved the creation of IDEMOC



Required to:

- Operationalize IDEMOC bodies (National Council and Technical Committee)
- Speed up the process aiming at updating the 2020 version of IDEMOC strategy and developing its associated action plan

The image displays two pages from the Mozambique Official Bulletin (Boletim da República). The left page is dated Friday, March 24, 2023, and is issue number 58. It features the national emblem and the text 'BOLETIM DA REPÚBLICA PUBLICAÇÃO OFICIAL DA IMPRENSA NACIONAL DE MOÇAMBIQUE, E. P.'. The main heading is 'AVISO' (Notice), and the text states that the matter to be published in the Bulletin must be submitted in a duly authenticated copy. Below this is a 'SUMÁRIO' (Table of Contents) for the Assembly of the Republic, listing Law n.º 2/2023 (authorizing a change to the Notary Code) and Law n.º 3/2023 (authorizing the approval of a Decree-Law on the Spatial Data Infrastructure). The bottom section is titled 'ASSEMBLEIA DA REPÚBLICA' and contains Law n.º 2/2023 of March 24, which authorizes the Government to amend the Notary Code to simplify services and reduce costs.

The right page is dated Tuesday, November 6, 2023, and is issue number 212. It also features the national emblem and the text 'BOLETIM DA REPÚBLICA PUBLICAÇÃO OFICIAL DA REPÚBLICA DE MOÇAMBIQUE'. The main heading is 'AVISO' (Notice), and the text states that the matter to be published in the Bulletin must be submitted in a duly authenticated copy. Below this is a 'SUMÁRIO' (Table of Contents) for the Council of Ministers, listing Decree-Law n.º 2/2023. The bottom section is titled 'CONSELHO DE MINISTROS' and contains Decree-Law n.º 2/2023 of November 6, which creates the Spatial Data Infrastructure of Mozambique. The text includes the purpose of the infrastructure, its objectives (promoting production, dissemination, and use of geospatial data), and its structure.

Mozambique's Spatial Data Infrastructure (IDEMOC)

National Council of IDEMOC

- Led by H.E. the Prime Minister, and composed of the Ministers of four Ministries (Ministry of Transport and Logistics, minister responsible for Geodesia, Minister of Planning and Minister of National Defense)
- Defines all policy guidelines and strategic principles

Technical committee of IDEMOC

- Composed of 24 members representing governmental entities as well as the private and academic sectors
- Discusses specific technical matters (Rotating leadership every 2 years)
- Meet twice in 2025

The National Agency for Geo-Spatial Development (ADE), is itself responsible for promoting the harmonized production, use, and dissemination of all high-quality and up-to-date spatial information to meet the needs of its users and contribute to evidence-based decision-making processes.

UN GGIM Support

Starting from 2025, the UN GGKIC and GGIM Secretariat have been supporting the National Agency for Spatial Development (ADE) with:

- The development of IDEMOC strategic framework;
- The assessment of the current level of geo-enablement of IDEMOC Technical Committee members;
- The revision of the 2020 version of the strategy and the development of the associated action plan in line with IGIF CAP benchmarks

Quadro Estratégico da IDEMOC

Última actualização: 04.06.2025

Visão

A IDEMOC é um recurso nacional vital que apoia processos de planeamento e tomada de decisão para a implementação de projectos de relevância socio-económica e ambiental, visando o desenvolvimento sustentável do país, baseados em evidências.

Missão

Promover e facilitar a produção, acessibilidade e utilização de dados espaciais e informações relacionadas de qualidade, que respondam às necessidades dos utilizadores e contribuam para os processos de decisão em prol do desenvolvimento sustentável de Moçambique.

Objectivos Estratégicos/Pilares

Governança

Estabelecer estruturas institucionais claras, políticas e normas para coordenar as partes interessadas, garantir responsabilização e orientar o desenvolvimento e gestão sustentável de dados espaciais em todos os sectores.

Dados

Assegurar a recolha, padronização, integração e acessibilidade de dados geo-espaciais de alta qualidade para apoiar a definição das prioridades de desenvolvimento nacional e tomada de decisão baseada em evidências.

Pessoas

Investir no desenvolvimento de capacidades, sensibilização e colaboração entre as partes interessadas para fomentar uma força de trabalho qualificada e uma comunidade de

IGIF CAP benchmarks

To be considered a Country Action Plan (CAP) under the UN-GGIM IGIF, a governmental document must meet the following minimum requirements:

1. Country-specific context and leadership:

- Include or align with a governance structure that defines institutional roles, responsibilities, and coordination structures for implementation.
- Country-led and tailored to the nation's specific priorities, capacities, and institutional context related to geospatial information management.
- Demonstrate that the development process has been inclusive and participatory, engaging government agencies, the private sector, academia, and civil society groups as key stakeholders.

2. Address all nine IGIF strategic pathways:

- Address all nine strategic pathways outlined in the IGIF Implementation Guide to ensure a holistic and integrated approach to geospatial development.

3. Contribute to SDGs:

- Demonstrate how its planned actions will support the country's progress toward achieving the Sustainable Development Goals (SDGs)

4. Evidence-Based through Assessments:

- Built on comprehensive baseline analysis and gap assessment to understand current capacities, strengths, and weaknesses across sectors.

IGIF CAP benchmarks (Cont...)

5. Strategic framework:

- Is guided by a clear vision, mission and objectives/goals and guiding principles aligned with national, regional and/or global priorities

6. Clear implementation roadmap/action plan:

- Contain at least the following for each expected outcome, activity or deliverable:
 - Lead or participate in the activities.
 - An implementation schedule/timeline.
 - A budget, funding requirements, and investment needs
- A monitoring and evaluation plan with indicators to track progress, measuring outcomes, and ensuring accountability.
- Operational considerations, potential risks, and mitigation strategies.

➡ Foundations of a simplified IGIF Country Action Plan (CAP) process currently under finalization and implemented in Mozambique

➡ In the case of Mozambique, the sum of IDEMOC's strategy and action plan is equivalent to an IGIF Country Action Plan (CAP)

IDEMOC Strategic Framework

Vision

IDEMOC is a vital national resource supporting evidence-based planning and decision-making for the sustainable development of the country

Mission

Promote and facilitate the production, accessibility and use of spatial data and related information of quality

Strategic Pillars

Governance

People

Data

Technology

Strategic Pathways

Governance
and
Institutions

Communication
and
engagement

Policy and legal

Financial

Partnership

Capacity
and
education

Data

Standards

Technologies

Innovation

Guiding principles

Inclusivity & Accessibility, Interoperability & Standardization, Sustainability & Capacity Building, Quality & Security, Transparency & Openness, Cost efficiency

Current level of geo-enablement across Technical Committee Members

- Completed by 20 members
- Identify current main challenges:
 - Governance
 - Insufficient budget or financial resources
 - Limited inter-agency coordination or collaboration
 - Data
 - Lack of timely or reliable data for decision-making
 - Security or confidentiality concerns in data handling
 - Inconsistent data standards or documentation protocols
 - People
 - Limited support for capacity-building or training
 - Technology
 - Inadequate digital infrastructure
 - Challenges in integrating new technologies or innovations

Ministry/Organization	Use cases	Strategy	Governance	Policy and legal framework	Financial sustainability	Capacity	Geospatial Technologies	Geospatial Data	Standards	Innovation	Partnership	Communication and engagement
Câmara de Comércio de Moçambique												
Ministério Da Defesa Nacional												
Instituto Nacional de Normalização e Qualidade - INNOQ, IP												
Universidade Eduardo Mondlane												
Ministerio das Comunicacoes e Transformacao Digital												
Ministério das Obras Públicas, Habitação e Recursos Hídricos												
Ministério da Planificação e Desenvolvimento												
Instituto Nacional de Tecnologias de Informação e Comunicação (INTIC, IP)												
Instituto de Nomes Geográficos de Moçambique, Ip												
Ministério da Administração Estatal e Função Pública												
Associação Nacional dos Municípios de Moçambique (ANAMM)												
Ministério dos Recursos Minerais e Energia												
Universidade Pedagógica de Maputo												
Ministerio dos transportes e Logistica												
Instituto Nacional de Gestao e Reducao do Risco de Desastres (INGD)												
Ministério da Saúde												
Ministério da Agricultura, Ambiente e Pescas												
Instituto Nacional de Estatistica												
National Cartography and Remote Sensing Centre												
Agencia Nacional de Desenvolvimento Geo-espacial												

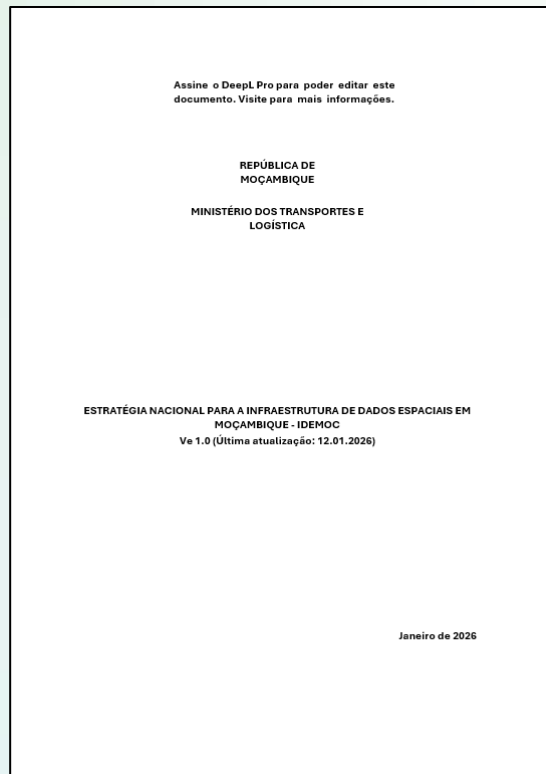
➔ Complement the findings from the work supported by the SDG Data Alliance

➔ Used as baseline for the development of the new version of IDEMOC strategy and its associated action plan

Where we are today

The Members of the IDEMOC Technical Committee are going through the:

- The second round of review of the 2025 version of IDEMOC 10 years Strategy
- The first round of review of IDEMOC action plan for the period 2026-2030



Plano de Acção da IDEMOC										
Visão de Longo Prazo										
IDEMOC é um recurso nacional vital que apoia o planeamento e a tomada de decisões baseados em evidências para o desenvolvimento sustentável do país										
Missão										
Promover e facilitar a produção, acessibilidade e utilização de dados espaciais e informação relacionada de qualidade										
Objectivos do Plano de Acção										
<ol style="list-style-type: none"> Governação: Alcançar a plena operacionalização da estrutura de governação da IDEMOC e estabelecer um quadro robusto, juridicamente fundamentado e financeiramente sustentável para a coordenação geo-espacial nacional. Capital Humano: Desenvolver uma força de trabalho geo-espacial qualificada e motivada e reforçar a sensibilização nacional e a colaboração em torno da informação geo-espacial. Dados: Assegurar que os principais conjuntos de dados geo-espaciais de Moçambique sejam normalizados, acessíveis e amplamente utilizados para a formulação de políticas públicas baseadas em evidência. Tecnologia: Implementar e manter sistemas geo-espaciais modernos, interoperáveis e de fácil utilização, que apoiem a colaboração, a inovação e a prestação de serviços. 										
Período de implementação: 2026 – 2030					Gestor de implementação:					
Última actualização do plano de acção: Janeiro de 2026										
Eixo Estratégico 1 - Governação e Instituições										
Situatção actual / Inconsonâncias: a IDEMOC fornece uma base formal, porém a governação é fragmentada e inconsistente entre os diferentes intervenientes.										
Objectivo Geral para 5 anos: Estabelecer um modelo de governação da IDEMOC plenamente operacional, que assegure a coordenação intersectorial, a responsabilização e a eficiência institucional.										
Objectivos Específicos para 5 anos:										
1.a Operacionalizar os órgãos de governação da IDEMOC (Conselho Nacional e Comité Técnico);										
1.b Definir e fazer cumprir mandatos e funções para a gestão de dados geo-espaciais em todas as instituições públicas;										
1.c Integrar a governação da IDEMOC nos mecanismos mais amplos de governo eletrónico e de transformação digital.										
Nível de implementação: Nível central										
Act. #	Descrição da Actividade	Entregável	Entidade Responsável	Grupo Alvo	Data de Início	Data de Término	Orçamento (USD)	Indicador de M&A	Estado	Observações
1.1	Plena operacionalização do Conselho Nacional e do Comité Técnico da IDEMOC	Conselho e Comité a reunirem-se regularmente, com Termos de Referência (TdR) e composição aprovados	ADE		2026	2027		Porcentagem de reuniões realizadas face às planeadas; número de instituições participantes		
1.2	Integrar os mecanismos de governação da IDEMOC na agenda nacional de transformação digital	Mecanismo conjunto de coordenação estabelecido com a Unidade de Transformação Digital do MTL	ADE, MCTD, INTIC		2026	2028		Memorando de Entendimento assinado; IDEMOC representado no órgão de coordenação do governo electrónico		

Next steps

February:

- Integration of the feedback from IDEMOC Technical Committee into the strategy and action plan
- Larger consultation to ensure that the strategy and action plan are as inclusive as they can be

March:

- Presentation of the strategy and action plan to the Technical Council and Advisory Council of the Ministry of Transport and Logistics (MTL)

April:

- Harmonization of the documents
- Submission of the document to the Cabinet for approval

Thank you for your attention!