



Africa Mining Vision and the initiatives to adopt UNFC as the unified system for Africa

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Geological and Mineral Information System (GMIS) Strategy

Presentation outlines

African Mining Vision –AMV

African Mineral Development Centre – AMDC

Country Mining Vision -CMV

Geological and Mineral Information System (GMIS) Strategy

Proposal for the application of UNFC in line with the AMV

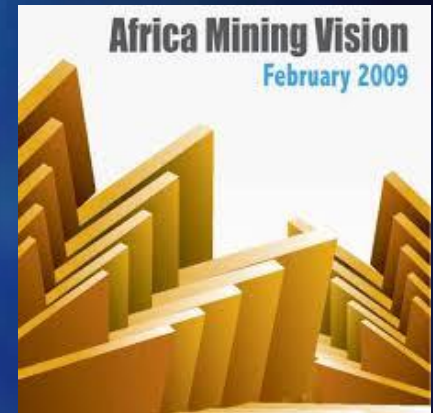
The Africa Mining Vision (AMV) as a Model for Natural Resource Governance in Africa

GOAL

The African Heads of State and Government adopted the African Mining Vision (AMV) in 2009 with the long-term goal of attaining

“transparent, equitable and optimal exploitation of mineral resources to underpin broad-based sustainable growth and socio-economic development”

It is not about mining; It is about development!. It essentially seeks to use Africa's natural resources sector to transform the continent's social and economic development path



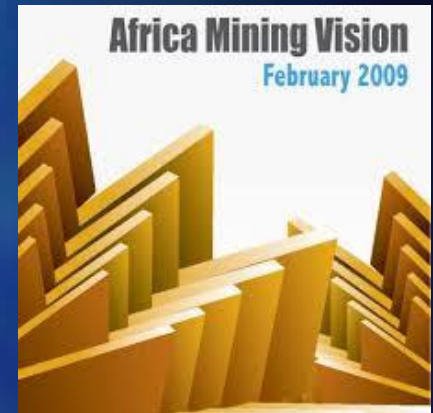
Key word:
Development

The Africa Mining Vision (AMV)

as a Model for Natural Resource Governance in Africa

Principles

- **Optimizing knowledge and benefits of finite mineral resources**
- **Building human and institutional capacities**
- **Harnessing the potential of small scale mining**
- **Fostering sustainable development principles**
- **Developing a diversified and globally competitive African mineral industry**
- **Fostering a transparent and accountable mineral sector**
- **Promoting good governance of the mineral sector**



Key word:
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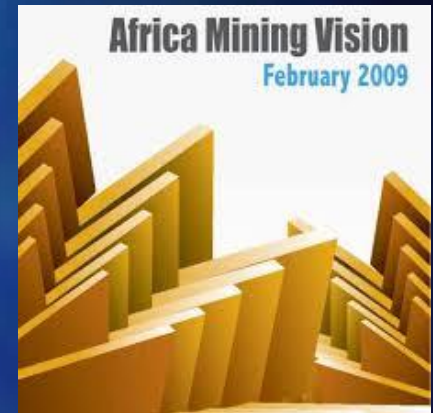
The Africa Mining Vision (AMV)

as a Model for Natural Resource Governance in Africa

Action Plan for the Implementation of the AMV

Seven Areas have been derived from the Action Plan for the short term action

1. Policy and licensing
2. Geological and mining information systems
3. Governance and participation
4. Artisanal and small-scale mining
5. Linkages, investment and diversification
6. Human capital and institutional capacities
7. Communication and advocacy



Key word:
Development

To be coordinated by the
African Mineral Development Centre (AMDC)

The African Mineral Development Center – AMDC

A facilitator of choice



The AMDC was approved in October 2012 by the African Head of States and Government and established in 2013 to coordinate the implementation of the **African Mining Vision (AMV)**

One of the high-level and long-term development impacts expected from AMDC activities is:

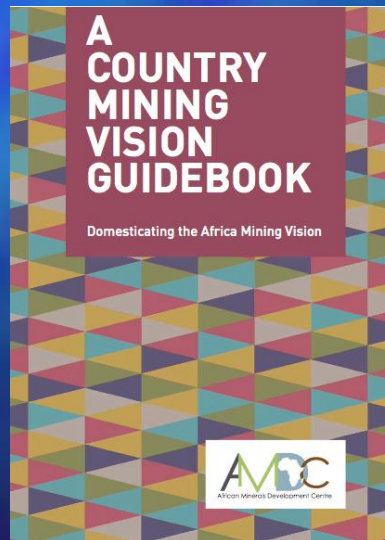
Enhanced use of geological and mining information to manage long-term developmental outcomes in African mining countries

The Country Mining Vision – CMV

Guidebook

Domesticating the AMV

Was elaborated by the AMDC to help member States domesticate the AMV at the country level through a multi-stakeholder consultative process with a view to formulating a shared vision on how the mineral resources exploitation can promote broad-based development and structural transformation of their respective countries.



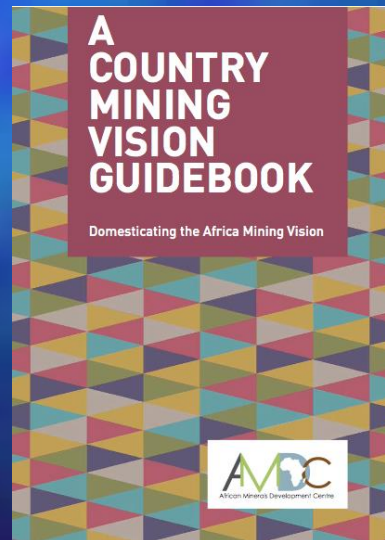
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The Country Mining Vision – CMV Guidebook

Domesticating the AMV

The guidebook offers a step-by-step guide for:

- strategic assessment
- identification of instruments for policy dialogue
- stakeholder consultation
- policy design
- CMV implementation, monitoring and evaluation



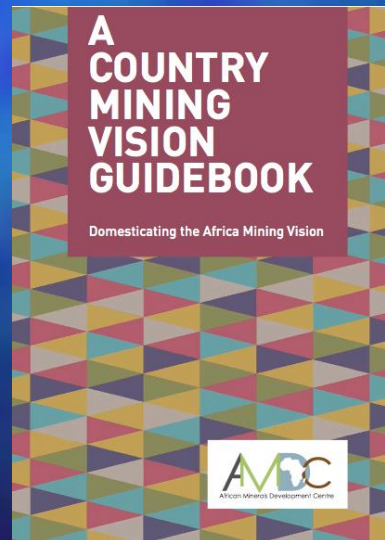
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The Country Mining Vision – CMV Guidebook

Domesticating the AMV

The CMV Guidebook is especially important as it identifies the AMV goal for geology and mining information systems (GMIS) as being:

“improved geological and mining information systems to underpin investment in exploration and mine development”.

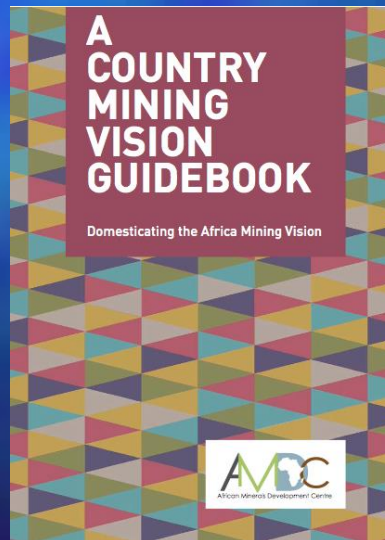


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The Country Mining Vision – CMV Guidebook

Problem Statement

- Africa lacks sufficient geological map coverage
- Geological Survey Organisations (GSOs), which are the custodians of geological information, are underfunded and poorly resourced.
- A large proportion of the continent remains unmapped and under surveyed in a systematic manner, at appropriate scales.



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Geological and Mining Information System (GMIS) Strategy

PURPOSE OF THE GMIS STRATEGY

Address the problem statement posed by the CMV Guidebook and other documents, and revisit the Action Plan for Implementing the AMV to:

Identify how the AMDC, AUC, other institutions (e.g. RECs) and initiatives can best support African GSOs and centres of excellence to produce, manage and disseminate geological and mining information necessary for several important legal, economic, social and environmental applications to allow African countries to exercise governance over their mineral wealth, hence encouraging investment in mineral exploration, mining development and broad development processes.

Geological and Mining Information System (GMIS) Strategy

MAIN OBJECTIVE

Guide the AMDC and the AUC during the next five years to:

- Coordinate and provide strategic operational support for AU Members States, RECs and their GSOs.
- Track, align, linking up, engage and facilitate activities from different GMIS initiatives in Africa.
- Identifying gaps and promote training and capacity building.
- Support countries in generating and applying geological and mining information for informed policy and decision-making across the mineral value chain.
- Identify and propose mechanisms to finance the production, management and dissemination of GMI.
- Assist African member States to grow its national databases via repatriation of data and transfer of corporate geoscience data.
- Provide a “think-tank” capacity.

Geological and Mining Information System (GMIS) Strategy

The Strategy considers that GMIS is crucial for several important legal, economic, social and environmental applications.



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Geological and Mining
Information System
(GMIS)

-Legal guidelines
-Contract negotiation
-Contract monitoring
-Taxation and tenders
-Decision-making
-Environmental assessment
-Transparency

Support
broad-based
sustainable
growth and
socio-
economic
development

Geological and Mining Information System (GMIS) Strategy

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Geological and Mineral
Information System
(GMIS)

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-High value mineral
resources
-Industrial minerals
-Agro-minerals
-Artisanal mining
Small-scale mining
-Marine mineral
resources

Support
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Geological and Mining Information System (GMIS) Strategy

The Strategy considers that GMIS is crucial for several important legal, economic, social and environmental applications.

Geological and Mining
Information System
(GMIS)

- Underground water resource
- Natural hazards
- Infrastructure work planning
- Geo-heritage
- Geo-tourism
- Urban and rural land occupation
- Environmental impact assessment
- Waste management and disposal

Support broad-based sustainable growth and socio-economic development



African Mineral Development Centre (AMDC)



Geological and Mineral Information System (GMIS) Strategy Plan of Activities

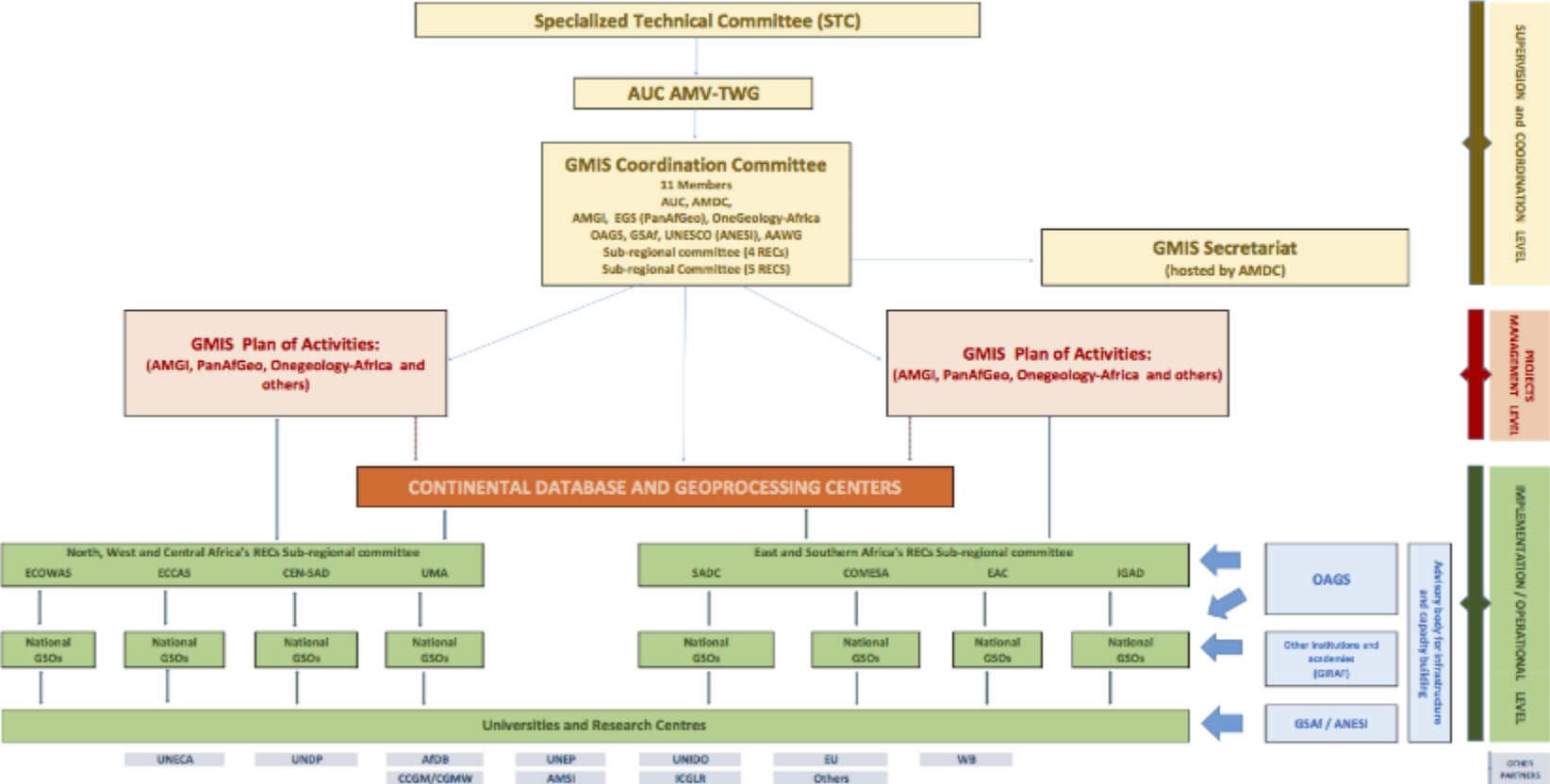
PURPOSE	<p>Strengthen the African Union (AU) Members States capacity to produce, manage and disseminate geological and mineral information</p>			
OBJECTIVES	<p>1- Coordinate and provide strategic operational support for AU Members States to improve geological and geospatial information and its use in mining and broad development processes in Africa 2- Set direction, create alignment, build commitment, promote collaboration; establish trust and mobilize supporters from different GMIS initiatives in Africa</p>			
AREAS OF ACTIVITIES	<p>1.- National level (domestication of the CMV)</p>	<p>2.- Regional and continental levels implementation of the AMV)</p>	<p>3.- Areas of special interest</p>	<p>4.-Legal and regulatory framework</p>
PROJECTS AND ACTIVITIES	<p>Background and feasibility studies, recommendations and guidelines</p> <p>Capacity building of the national GSOs in connexion with the domestication of the CMV</p> <p>Strengthening of GMIS at African Universities</p> <p>Strengthening of African Centres of Excellence</p>	<p>Capacity building of and activities from the AMGC</p> <p>Strengthening of GMIS facilities at the RECs</p> <p>Strengthening of the OAGS</p> <p>Standardization, harmonization of nomenclatures, resource</p> <p>PPP and South-South and triangular cooperation</p>	<p>Strengthening of the African:</p> <p>Blue Economy; Artisanal Mining; Industrial minerals; underground water, natural hazards, infrastructure, geo-heritage, geo-tourism, agriculture, environment, waste management, among others</p>	<p>Elaboration of GMIS Principles</p> <p>Background studies, draft recommendations and guidelines for financing GSOs from mineral revenue; production of information for contract negotiation, taxation and elaboration of tenders; transfer of corporate geodata to national GSOs; and mechanisms for data sharing and distribution among others</p>
EXPECTED RESULTS	<p>Improved geological and geospatial information and its use in mining and broad development processes in Africa</p>			



**African Union Commission (AUC)
African Mineral Development Centre (AMDC)**



**GEOLOGICAL AND MINERAL INFORMATION (GMIS) STRATEGY
FUNCTIONAL STRUCTURE**



APPLICATION OF THE UNFC IN LINE WITH THE AFRICAN MINING VISION (AMV)

PROJECT PROPOSAL

The Purpose of this four years (2017-2020) Project Proposal is to:

- 1) Promote the UNFC as a unifying system for the classification and reporting of fossil energy and mineral reserves and resources in Africa, as a tool for the effective AU members States governance of mineral and energy resources in line with the AMV.
- 2) Support the goals and objectives of UNFC and, in particular, its application to solid minerals (for both energy production and non-energy applications) and petroleum, for the classification, reporting and sustainable management of mineral resources in the Africa region.

APPLICATION OF THE UNFC IN LINE WITH THE AFRICAN MINING VISION (AMV)

PROJECT PROPOSAL

The Purpose of this four years (2017-2020) Project Proposal is to:

- 3) Promote UNFC as a tool to achieve transparent, equitable and optimal exploitation of mineral resources to achieve broad-based sustainable growth and socio-economic development as called for in the AMV.
- 3) Support UNFC in Africa as a management tool to support policy analyses, government resources management, industrial business processes and financing.

APPLICATION OF THE UNFC IN LINE WITH THE AFRICAN MINING VISION (AMV)

PROJECT PROPOSAL

The objectives of this project proposal are:

- 1) Reinforce UNFC as the continental system or “AMREC” (African Mineral Resource Classification) as referred to in the Africa Mining Vision.
- 2) Promote the exchange of experience from African public, private and academic sectors in applying UNFC at the national level and the UNECE’s Expert Group on Resource Classification;
 - 1) Support the implementation of training and capacity building of Competent Persons on UNFC from public, private and academic sector in Africa.
 - 2) Report on monitoring, evaluation and progress of the application of UNFC in Africa, including the elaboration of case studies and challenges encountered in connection with implementation of the AMV and domestication of the CMV.

APPLICATION OF THE UNFC IN LINE WITH THE AFRICAN MINING VISION (AMV)

PROJECT PROPOSAL

PARTNERSHIP

The Project is expected to be implemented by the AMDC, its partners (UNECA, AUC, UNDP and AfDB) and other relevant initiatives in Africa in cooperation with the Sustainable Energy Division of the UNECE and with the UNECE's Expert Group on Resource Classification.

The Project should also count on the expert support of the Organization of African Geological Surveys (OAGS) and the Geological Society of Africa (GSAf), which will be engaged in training of the UNFC methodology in Africa.

The Project will benefit from the strategic support of the AMDC Geological and Mineral Information System (GMIS) Strategy Coordination Committee

APPLICATION OF THE UNFC IN LINE WITH THE AFRICAN MINING VISION (AMV)

PROJECT PROPOSAL

IMPLEMENTATION STRATEGY

Spread UNFC principles and its importance for Africa as part of the implementation of the AMV and domestication of the CMV.

Promote the exchange of experience from African experts from public and academic sectors and the UNECE's Expert Group on Resource Classification on the best practices in applying UNFC at the national level in Africa and other regions of the world.

This activity will require support for selected African experts to attend the annual meeting of the UNECE's Expert Group on Resource Classification.

Selected participants should include a member of the OAGS and GSAf.

APPLICATION OF THE UNFC IN LINE WITH THE AFRICAN MINING VISION (AMV)

PROJECT PROPOSAL

IMPLEMENTATION STRATEGY

Support the implementation of training programmes for experts from African public, private and academic sectors, in connection with the domesticating the CMV. This activity will consist of supporting two annual training programme for 20 trainees each and 3 trainers each, includes conference room facilities.

Report on monitoring, evaluation and progress of the Project and challenges encountered in Africa. This should include the preparation of case studies on the application of UNFC in Africa by public and private sectors in connection with the implementation of the AMV and domestication of the CMV.

APPLICATION OF THE UNFC IN LINE WITH THE AFRICAN MINING VISION (AMV)

PROJECT PROPOSAL

The expected outcomes from this Project are:

- 1) Unified system for the classification and reporting of energy and mineral reserves and resources established in Africa in line with the AMV.
- 2) Disseminated UNFC methodology achieved through workshops, websites, publications, presentations, and educational courses improved in Africa.
- 3) Capacity-building through training courses, guidance to certification and recognition procedures, and qualification of competent persons conducted in all African regions.

APPLICATION OF THE UNFC IN LINE WITH THE AFRICAN MINING VISION (AMV)

PROJECT PROPOSAL

The expected outcomes from this Project are:

- 4) Increased number of experts and reports using UNFC methodology in Africa.
- 5) Improved sustainable management and governance of mineral resources in the Africa region and reinforced broad-based sustainable growth and socio-economic development as called for in the AMV.

APPLICATION OF THE UNFC IN LINE WITH THE AFRICAN MINING VISION (AMV)

Thank you very much

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