

**NATIONAL AMREC/PARC-UNFC WORKSHOP IN PARTNERSHIP WITH THE
PAN-AFRICAN SUPPORT TO GEOLOGICAL SCIENCES AND TECHNOLOGY
PANAFGEO(S01)**

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***INTRODUCTION –AFRICA MINING (AMV) AND
TOOLS FOR IMPLEMENTATION***

BY

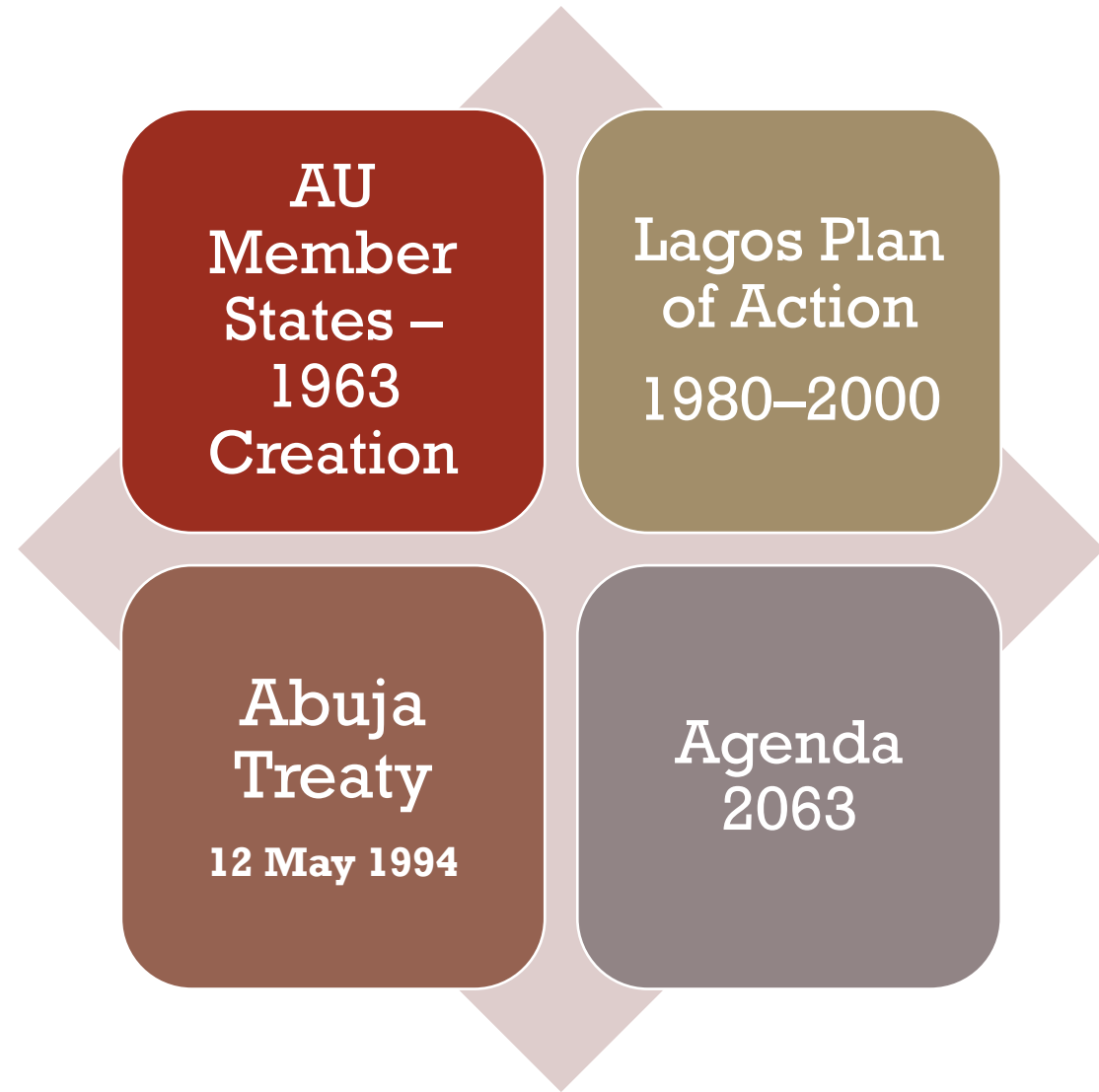
TUNDE M. ARISEKOLA *FNMGS*

AFRICA MINERALS DEVELOPMENT CENTRE(AMDC)

ADDIS ABABA



AU AT A GLANCE



AFRICAN UNION INITIATIVES

African Productive
Capacity Initiative –
APCI

2004

Accelerating
Industrial
Development of
Africa –AIDA

2008

Africa Mining Vision -
AMV

2009

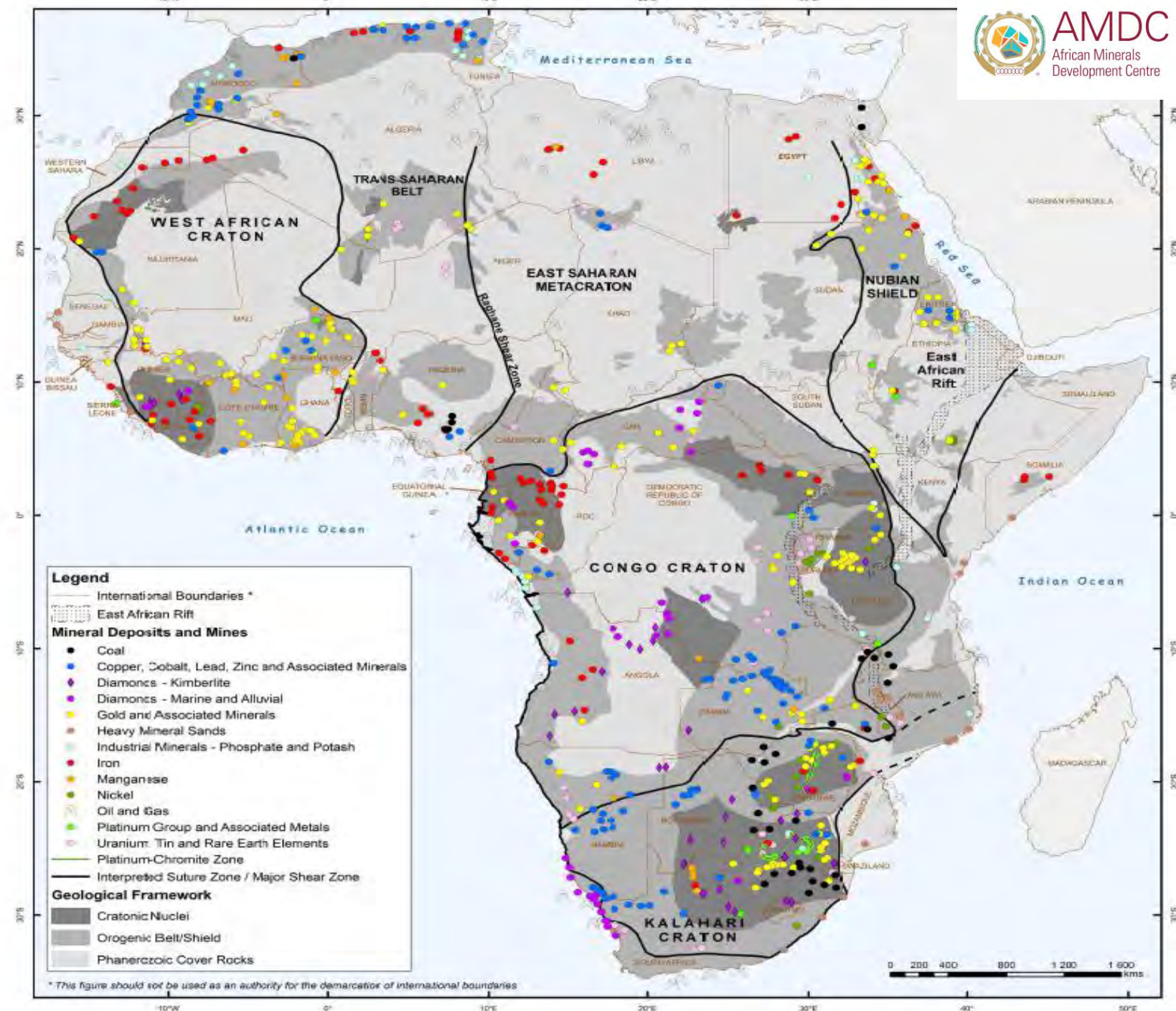
Boosting Intra African
Trade – BIAT

2012

African Continental
Free Trade Area –
AfCFTA

2018

AFRICA MINING VISION - AMV FOCUS IS SUSTAINABLE DEVELOPMENT OF AFRICA MINERAL RESOURCES



SEVEN PILLARS OF AFRICA MINING VISION

- **Geological and Minerals Information System;** Amis to build comprehensive knowledge of Africa's mineral endowment to support informed investment and exploration.
- **Legal and Institutional Framework:** Focuses on improving contract negotiation, governance, and regulatory capacity to maximise benefits from mining operations.
- **Fiscal Regime and Revenue Management:** Ensures the optimization of revenue from mineral extraction, including better tax collection and transparent, efficient management of funds.
- **Sustainable Environmental and Social Issues:** Ensure mining projects minimize environmental damage. Respect local culture and provide sustainable benefits to surrounding communities.
- **Artisanal and Small-Scale Mining(ASM):** Works to formalize the subsector, transforming it into an engine for sustainable development, rural growth, and improved livelihoods.
- **Linkages, Investment, and Diversification:** Promotes industrialization by creating upstream(supply inputs), downstream(processing/benification) linkages, ensuring mining drives broad economic growth.



AFRICA MINING VISION - AMV

- **Goal:** “Transparent, equitable and optimal exploitation of mineral resources to underpin ”**broad-based sustainable growth and socio-economic development**
- A knowledge-driven African mining sector that catalyzes & contributes to the **broad-based growth** & development of, and is fully integrated into, a single African market.
- Action Plan (2011): Fashioned out



AFRICA MINING VISION — AMV LINKAGES

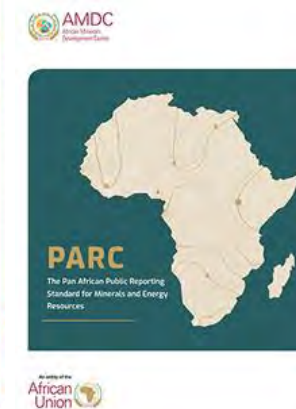
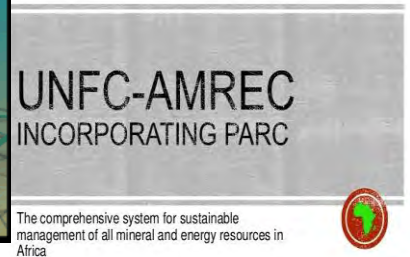
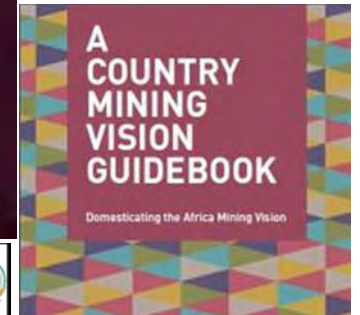
- **Down-stream linkages** into mineral beneficiation and manufacturing;
- **Up-stream linkages** into mining capital goods, consumables & services industries;
- **Side-stream linkages** into infrastructure (power, logistics; communications, water) and skills & technology development (HRD and R&D);
- Mutually **beneficial partnerships** between the state, the private sector, civil society, local communities and other stakeholders; and
- A comprehensive **knowledge** of its mineral endowment.

AMV INSTRUMENTS CONCLUDED

- Geological and Minerals Information Systems - GMIS
- African Minerals Governance Framework – AMGF
- AMV Private Sector Compact
- African Minerals and Energy Resource Classification Management System and Pan African Reporting Code – AMREC – PARC: 2021 AND 2022
- AU Commodity Strategy, 2022
- Africa Green Minerals Strategy (AGMS) 2025

AMV implementation instruments developed by AMDC:

1. The Africa Minerals Governance Framework (AMGF);
2. AMV-Private Sector Compact;
3. Country Mining Vision (CMV) guidebook;
4. Africa Minerals and Energy Classification Framework incorporating the Pan African Reporting Code (AMREC-PARC) and Training Modules
5. African Green Minerals Strategy (AGMS)



MINERALS IN AFRICA — OPPORTUNITIES AND CHALLENGES

1

Opportunities: Africa holds 30% of global mineral reserves (essential for EVs, renewables, tech industries).

2

Challenges: Governance gaps, infrastructure deficits, environmental concerns, and weak value addition.

3

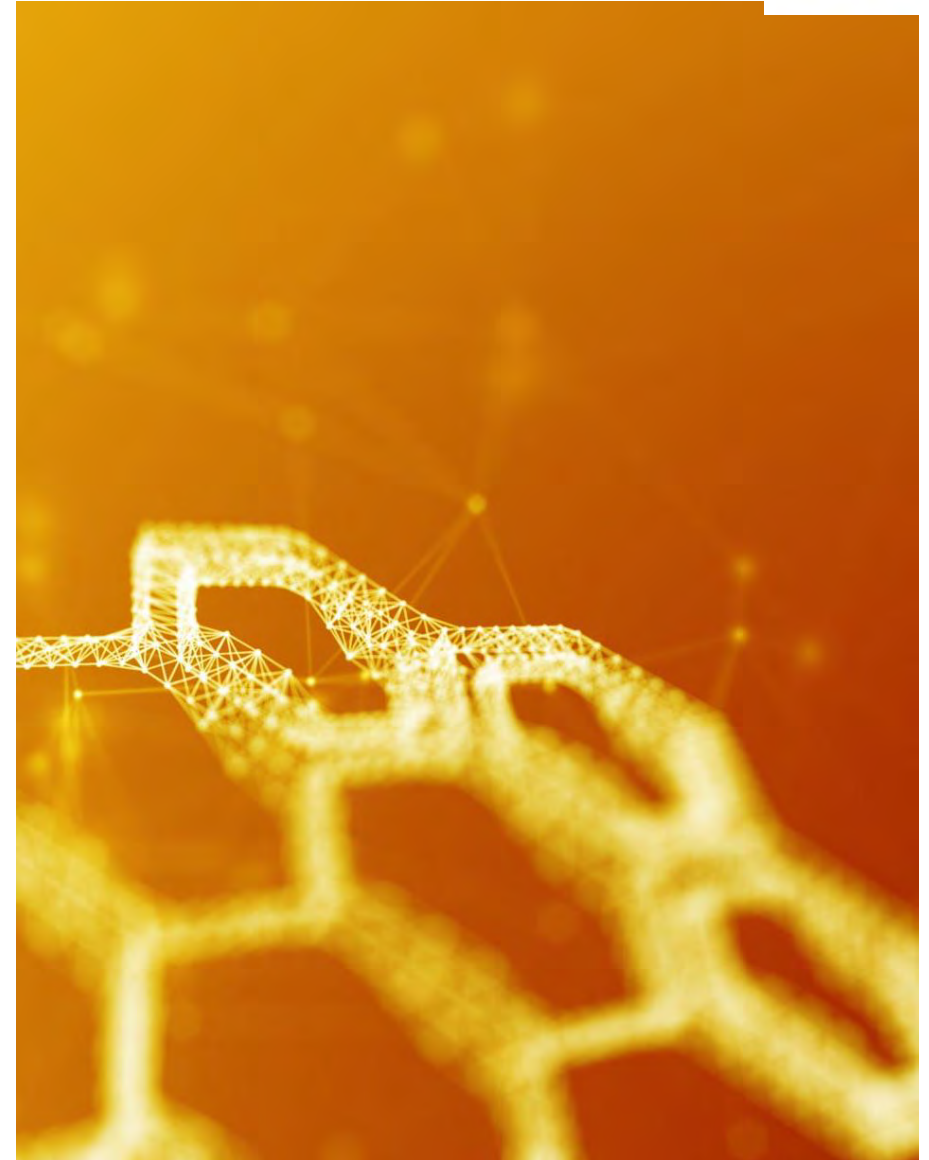
Need: A unified, transparent classification system to optimize resource benefits.

4

Solution: Adoption of AMREC & PARC to drive structured resource management.

AMREC AND AFRICA MINING VISION (AMV)

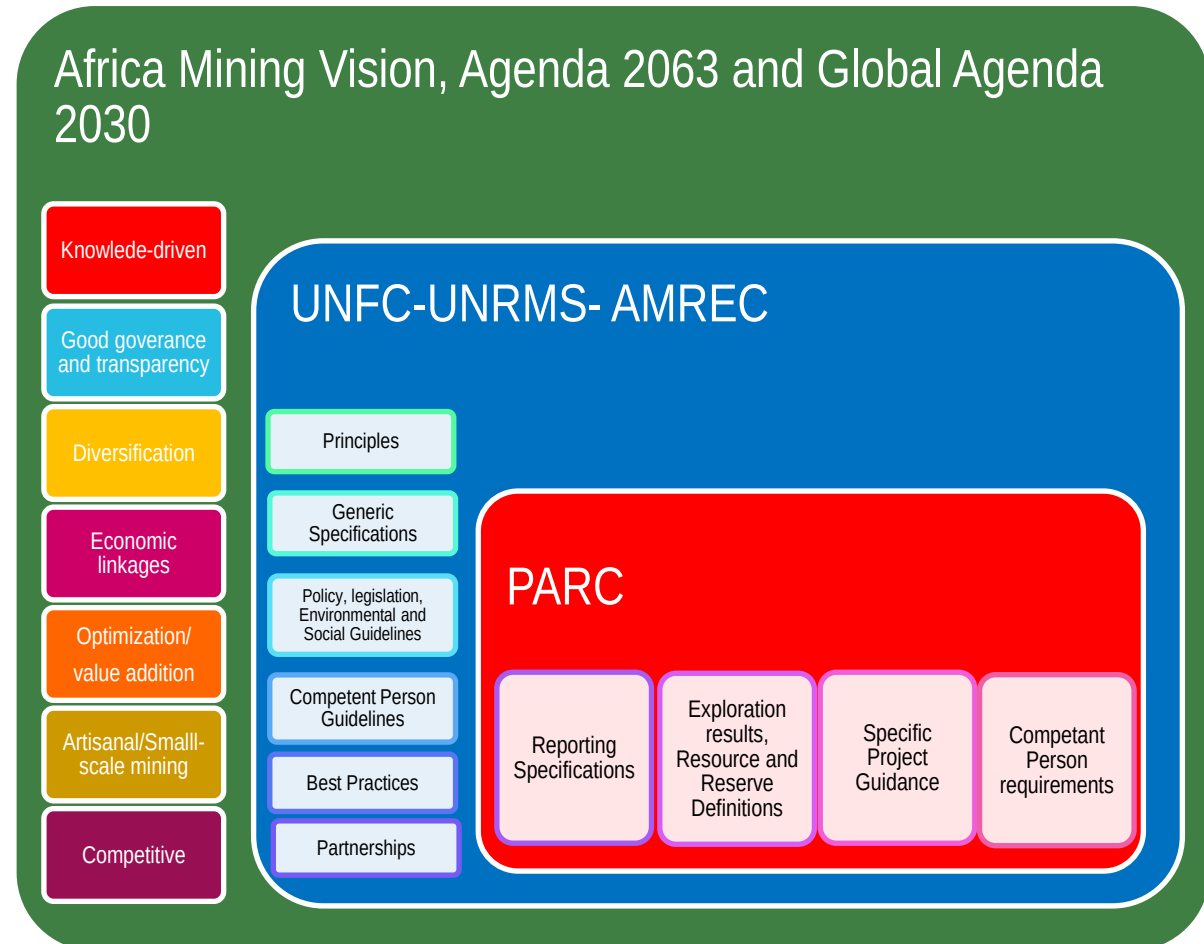
- **Africa Mining Vision (2009):** Framework to ensure mineral wealth benefits African nations.
- **AMREC:** Standardized system for mineral and energy resource classification.
- **Based on:** UNFC & UNRMS (Global classification compliance), SDGs & Agenda 2063 (Sustainable development integration).
- **Impact:** Creates a cohesive and transparent mining sector.



WHAT IS AMREC-PARC? THE AFRICAN MINERAL AND ENERGY RESOURCES CLASSIFICATION AND MANAGEMENT SYSTEM (AMREC) IS BASED ON UNFC AND UNRMS.

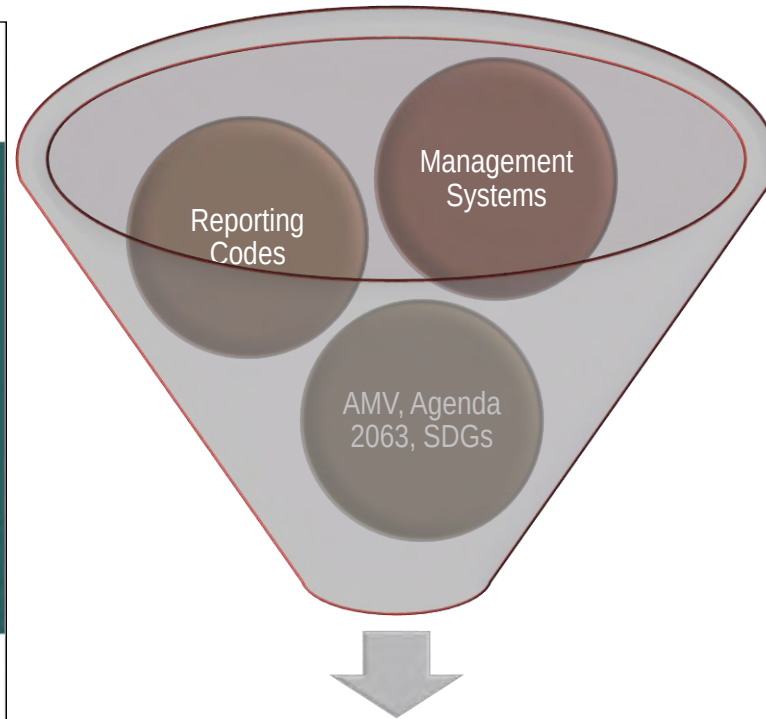
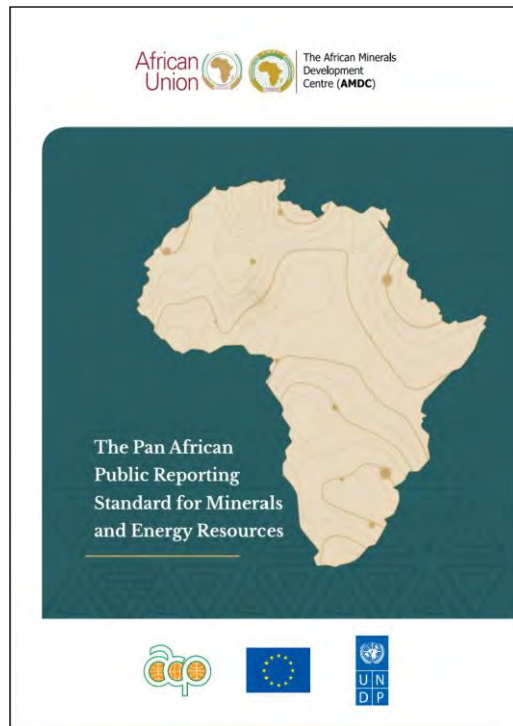
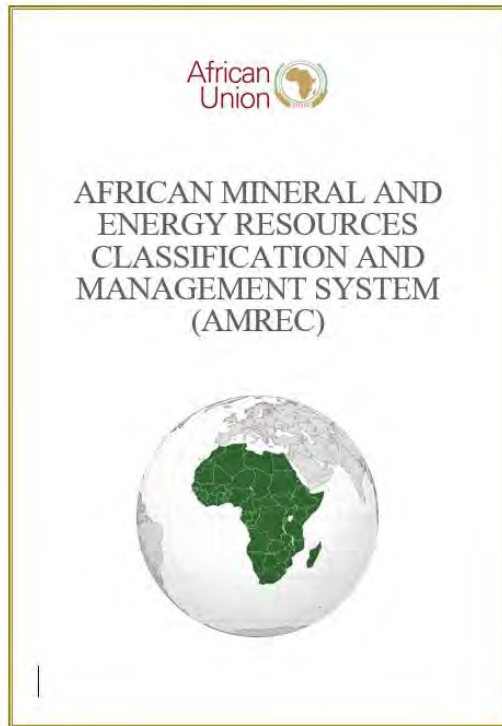
Key Highlights

- A comprehensive system for management of Africa's mineral and energy resources.
- Aligned to Africa Mining Vision (AMV), Agenda 2063 and the Sustainable Development Goals (SDGs)
- Includes the Pan-African Resource Reporting Code (PARC)
- A single classification and management system for natural resources across Africa based on UNFC and UNRMS.



AMREC AND AFRICA'S VISION ON NATURAL RESOURCES

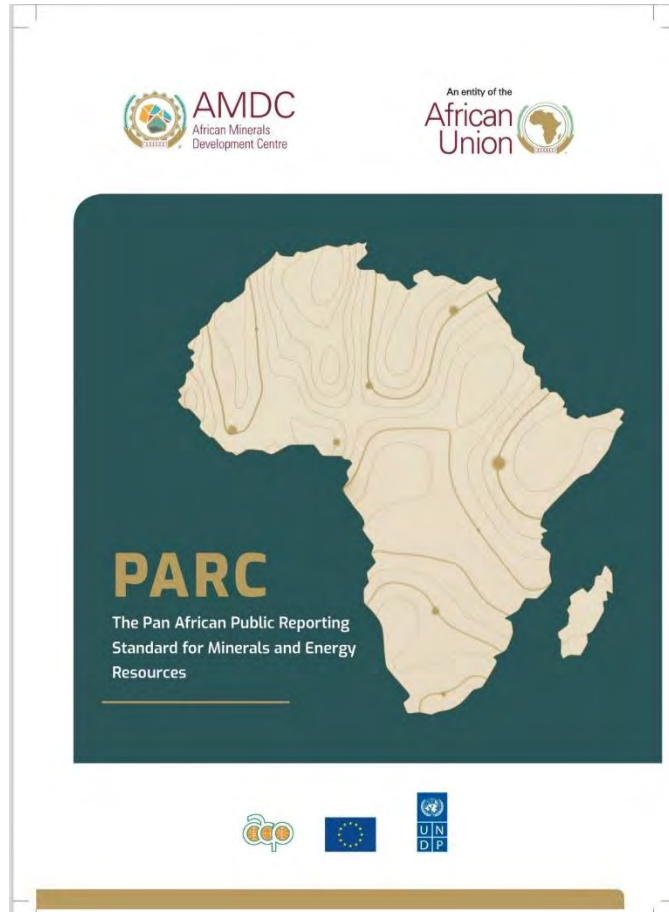
In pursuit of integration



AMREC + PARC

- A comprehensive system for management of Africa's mineral and energy resources.
- Aligned to Africa Mining Vision (AMV), Agenda 2063 and the Sustainable Development Goals (SDGs)
- Based on United Nations Framework Classification for Resources (UNFC) Principles, Generic Specifications and Guidelines
- A single classification and management system for natural resources across Africa including the Pan Africa Reporting Code (PARC)

PARC & PARC TRAINING MODULES



A GENERALISED APPROACH TO AMREC APPLICATION

- **Resource Estimation:** This varies depending of commodity type
- **Resource Classification:** Using UNFC principle of EFG
- **Sustainability Test:** Project assessment criteria(Life circle and value addition) Smooth project planning and operation across the full project life-cycle, gap analysis targeted to a specific milestone rather than attempting to cover the whole life-cycle at once. Assesses the full economic viability and benefit of a mineral resource including, downstream, up-stream and side stream linkages. Managing resources in an integrated, multi-targeted manner than a management strategy that targets a single resource. Zero waste!
- **Re-evaluation if need be.**

MINING VERSUS ENVIRONMENT IN AFRICA

The everyday challenge

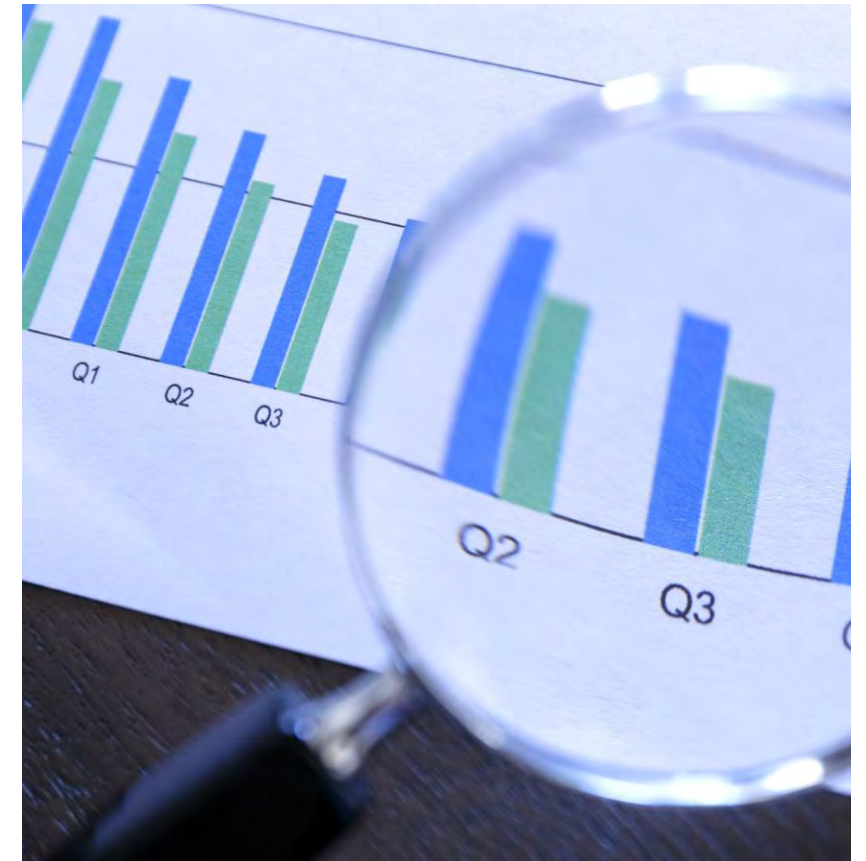




A typical location of a chaotic illegal mining site

PARC CODE 2023 – THE GAME CHANGER

- What is PARC? The Pan-African Resource Reporting Code (PARC) for public reporting of minerals & energy resources.
- Approved by AU (2022): Ensures transparency, investor confidence, and ESG compliance.
- Key Benefits: Investor attraction via reliable, verifiable resource data.
- Governance improvement aligning with global best practices.
- Social & environmental accountability in mining projects.



PARC TRAINING MODULES DEVELOPMENT (2024)

Comprehensive Training and Accreditation for Professional Excellence



- **Why Training?** Standardized training ensures competency & professional accreditation.
- **2024 Training Modules Cover:** Ethics & Professional Conduct, Competency & Responsibilities, Minerals & Energy Resource Reporting, Economic & Environmental Impact Reporting.
- **Accreditation & Continuous Professional Development (CPD):** Certifies Competent Persons (CPs), Competent Valuators (CVs), and Competent Experts (CEs).

MAJOR HIGHLIGHTS OF PAN AFRICAN RESOURCE REPORTING CODE

- Certification of Competent Person or Technical Expert; whose duty is to write evaluation reports on any mineral resource or specific style of mineralisation
- 2. Competent Evaluator; who is a financial expert whose duty is to convert resource size validated by Competent or Technical person to monetary values based on many modifying factors.
- 3. Environmental, Social issues and economic benefits Reporting as it affects immediate Mining communities and African values are key requirements the Competent or Technical persons must be conversant with!!
- 4. Standard ASM Reporting template, capacity building are adequately addressed by PARC code
- 5. Guidance on resource classification and reporting
- 6. Governance and regulatory matters





THE CURRENT AND DESIRED COMPETENCY FRAMEWORK FOR GEOSCIENCES IN AFRICA

- No current Africa-wide competency framework, what exists is imposed from outside Africa
- Based on outdated models from the 1970s, such as the **Bre-X model**, which was a fraudulent gold mining scheme in Indonesia that led to a loss of credibility and trust in the geosciences profession
- Inadequate for addressing the challenges and opportunities of the 21st century, such as the changing geopolitics of minerals, the sustainable development goals, the digital transformation, etc

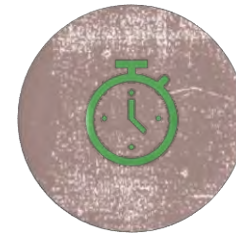
IMPORTANCE OF PROFESSIONAL CERTIFICATION



Public Safety and Welfare



Quality Assurance



Demonstration Of
Competence



Regulatory
Compliance



Professional
Development

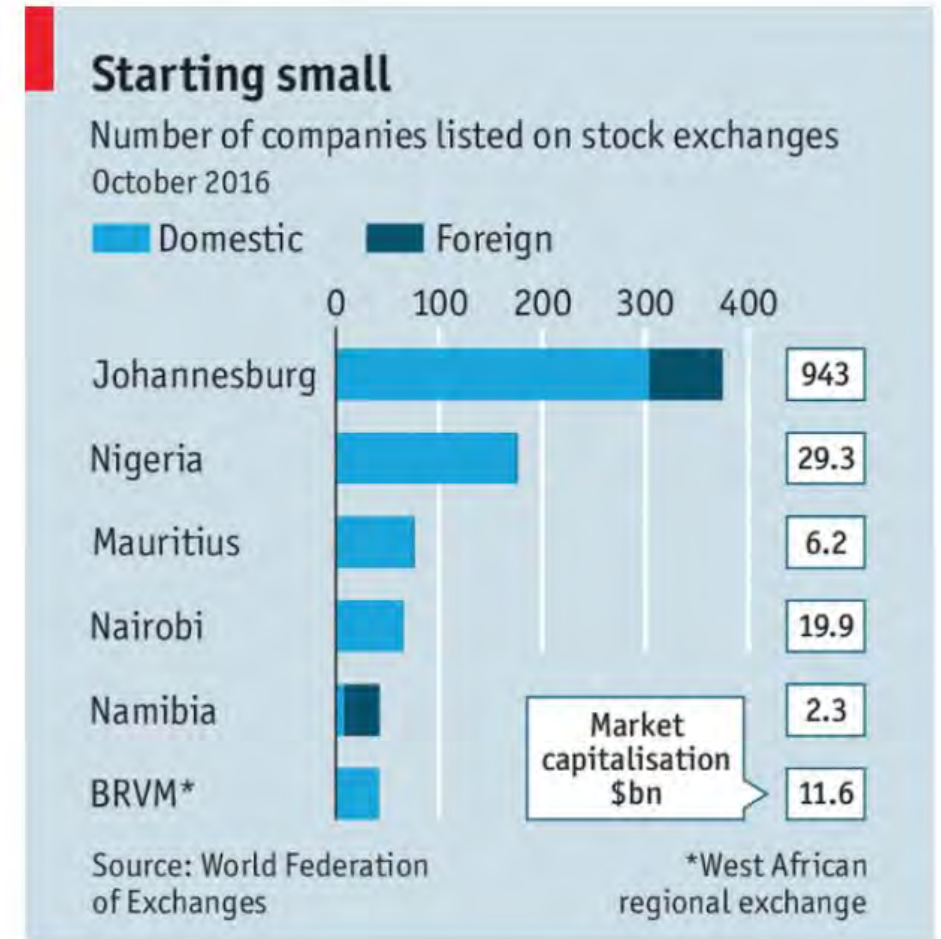


Career Advancement And
Recognition

Stock Exchanges in Africa

Unified through ASEA

- 30 stock exchanges in Africa, representing 39 nations' capital markets.
- 27 stock exchanges are members of the African Securities Exchanges Association(ASEA).



Economist.com

END

Thank You

Asante
Sana

Merci
Baeucoup

Shukran