



**WORKSHOP ON
MARINE MINERAL RESOURCES OF AFRICA'S CONTINENTAL SHELF AND ADJACENT
INTERNATIONAL SEABED AREA**

**PROSPECTS FOR SUSTAINABLE DEVELOPMENT OF THE
AFRICAN MARITIME DOMAIN IN SUPPORT OF AFRICA'S BLUE ECONOMY**

2-4 MAY 2017
KAMPALA, UGANDA

PROVISIONAL AGENDA

Tuesday, 2 May 2017	
8:30-9:00	Welcome Coffee/credentials
Welcome, introductory remarks and Agenda Overview and rational for the workshop	<p>Chairperson: <i>Hon. Peter Lokeris</i>, Minister of State for Energy and Mineral Development (Minerals), Uganda</p> <p>Rapporteur: <i>Chapi Mwango</i>, Chief, Contract management Unit, International Seabed Authority, Jamaica</p>
	<p style="text-align: center;">9:00-9:45</p> <p><i>Ambassador Duncan Laki</i>, Legal Adviser at the Permanent Mission of Uganda to the United Nations, New York, USA</p> <p><i>Mr. Michael Lodge</i>, Secretary-General, International Seabed Authority, Jamaica</p> <p><i>Dr Abdalla Hamdock</i>, Executive Secretary, United Nations Economical Commission for Africa – UNECA, Ethiopia</p> <p><i>H.E. Albert M. Muchanga</i>, Commissioner Trade, Industry and Mines, African Union Commission - AUC, Ethiopia</p>
	<p>9:45-10:00 Agenda Overview and rational for the workshop <i>Organizers</i></p>
	<p>10:00-10:30 Coffee-break and Photo OP</p>

Tuesday, 2 May 2017	
<p>Session 1:</p> <p>Law of the Sea regime and its importance for the sustainable development of the African continent</p>	<p>Objectives: Consider the political-strategic and socio-economic importance of the International Seabed Authority and other entities created by the United Nations Convention on the Law of the Sea (UNCLOS), as well as the significance of the Law of the Sea and related rules, regulations and procedures, for the sustainable development of the African continent.</p>
	<p>Chairperson: <i>Judge James Kateka</i>, Judge at the International Tribunal on the Law of the Sea (ITLOS), Tanzania</p>
	<p>Rapporteur: <i>Dorca Auma Achapa</i>, Member of the ISA’s Legal and Technical Commission, Head of International Law Department, Kenya</p>
	<p>10:30-11:00 The Law of the Sea Regime: maritime spaces, entities, conduct of activities, protection and preservation of environment, international cooperation <i>Judge James Kateka</i> Judge at the International Tribunal on the Law of the Sea (ITLOS), Tanzania</p>
	<p>11:00-11:30 The ISA Deep Seabed Regime and its importance for the African continent (Mining Code, the Enterprise, Article 82 issues) <i>Michael Lodge</i>, Secretary-General. International Seabed Authority (ISA), Jamaica</p>
	<p>11:30-12:00 Issues related to the delimitation of the African outer continental shelf (current situation and next steps) <i>Kristina Thygesen</i>, Programme Group Leader - Marine and Coastal Resources, GRID-Arendal, Norway</p>
	<p>12:00-12:30 Role and functions of the Division of Ocean Affairs and the Law of the Sea in relation to the United Nations Convention on the Law of the Sea <i>Carlos Fuentes</i>, Legal Officer, DOALOS</p>
	<p>12:30-13:00 Africa’s Blue Economy Principles in relation to the Sustainable Development Goals <i>TBD</i></p>
<p>13:00-14:30 Lunch</p>	
<p>14:30 – 15:00 Opportunities for improvement of the AIM Strategy and other related African legal regimes to support the sustainable development and coordination of activities in the Africa’s Maritime Domain and Africa’s Blue Economy <i>Edwin Egede</i>, AMDC Consultant, Senior Lecturer in International Law & International Relations, School of Law and Politics, Cardiff University, Cardiff, UK</p>	
<p>15:00-15:30 Final discussion, session wrap up and recommendations <i>Chairperson</i></p>	

Expected outcomes: 1. Raise awareness among African States about the importance of the Law of the Sea for the African continent and in particular for the sustainable development of activities in the African continental shelf and adjacent international seabed areas.
2. Recommendations on how to strengthen the African legal framework in a way that it will better support the sustainable development of Africa's Maritime Domain and Africa's Blue Economy, in particular, regarding the establishment of the African outer continental shelf and the development of activities in the Area.

15:30-16:00 **Coffee-break**

Tuesday, 2 May 2017

Session 2:
Prospecting, exploration and exploitation activities in national continental shelves and international seabed area

Objectives: Consider the State of Art of marine mineral activities in the world oceans and the prospect for sustainable development of activities in the African continental shelf and adjacent international seabed area.

Chairperson: *Joshua Tuhumwire*, Member of the LTC, Director and Founder, Gondwana Geoscience Consulting Ltd, Entebbe, Uganda

Rapporteur: *Alexander Ndubuisi Nwegbu*, President of the Organization of African Geological Survey (OAGS), Nigeria

16:00-16:30 **Prospecting and exploration in the world continental shelves and international seabed Area (to cover Landlocked States under the Law of the Sea)**
TBA

16:30-17:00 **Environmental issues of deep seabed mining**
Rahul Sharma, Senior Scientist, National Institute of Oceanography, Goa, India (via Skype)

17:00-17:30 **Exploration and exploitation technique, methodologies, costs and other requirements**
Bramley Murton, Senior Scientist, National Oceanography Centre, Southampton, UK

17:30-18:00 **Mineral resources prospecting and exploration in the South Atlantic Ocean**
Ivo Pessanha, Head Division of Marine Geology, Geological Survey of Brazil (CPRM), Rio de Janeiro, Brazil

18:00-18:30 **Final discussion, session wrap up and recommendations**
Chairperson

Expected outcomes: Raised awareness among African States about the potential for prospecting, exploration and exploitation activities in the African continental shelf and in the adjacent international seabed area.

Tuesday, 2 May 2017		
Cocktail and Group dinner	19:00-21:30	The cocktail and group dinner, kindly offered by the Government of Uganda

Wednesday, 3 May 2017		
Session 3: Production, Management and Dissemination of geological, mineral and environmental information		Objectives: Discuss the importance of and ways to strengthen Africa-based production, management and dissemination of geological, mineral and environmental information to support decision-making, investment and governance of the African continental shelf and adjacent international seabed areas.
		Chairperson: <i>Joshua Tuhumwire</i> , Member LTC, Director and Founder, Gondwana Geoscience Consulting Ltd, Entebbe, Uganda
		Rapporteur: <i>Winnie Roberts</i> , Officer, Environment International, Pew Charitable Trusts, USA
	9:00-9:30	Geological, mineral and environmental knowledge as a tool for decision-making, investment and governance of marine mineral activities: Best Practice <i>Kaiser De Souza</i> , Head, Geology and Mineral Information Systems Section, African Minerals Development Centre (AMDC/UNECA), Ethiopia
	9:30-10:00	Data and information of the Atlantic Ocean organized in Geographic Information System (GIS): In preparation of a Database construction TBD
	10:00-10:30	Marine Mineral Resource Classification <i>Tunde Muitala Arisekola</i> , Vice Chair Resource Classification Nigerian Geological Survey Organization (NGSA), Abuja, Nigeria
10:30-11:00	Coffee-break	
11:00-11:30	Prospects for an integrated African Marine Spatial Data Infrastructure (SDIs) <i>Miles Macmilan-Lawler</i> , Programme Lead for State of the Environment and Spatial Planning Programme, GRID-Arendal, Norway	

	<p>11:30-12:00 Prospects for strengthening the production, management and dissemination of geological, mineral and environmental information of the African Maritime Domain <i>TBD</i></p> <p>11:30-12:00 Final discussion, session wrap up and recommendations <i>Chairperson</i></p>
<p>Expected outcomes: Recommendations on how to strengthen the Africa production, management and dissemination of geological and mineral information and how to create spatial data infrastructures (SDIs) to support decision-making, investment and governance of African-based seabed activities.</p>	
<p>12:30-14:30 Lunch</p>	

Wednesday, 3 May 2017

<p>Session 4:</p> <p>African Centres of Excellence on seabed mapping and spatial planning</p>	<p>Objectives: Discuss strategies for the establishment of African Centres of Excellence on seabed mapping and spatial planning.</p>
	<p>Chairperson: <i>Kojo Busia</i>, Coordinator, African Minerals Development Centre (AMDC/UNECA), Ethiopia</p>
	<p>Rapporteur: <i>Isabelle Randoo</i>, Senior Linkages and Investment Advisor, African Minerals Development Centre (AMDC/UNECA), Ethiopia</p>
	<p>14:30-15:00 Best practice for the implementation of Centres of Excellence around the world <i>Yannick Beaudoin</i>, Principal Scientist, GRID-Arendal, Norway</p>
	<p>15:00:15:20 Potential joint African Centers of Excellence for the Indian Ocean <i>S. P. Boodhun</i>, Deputy Permanent Secretary, IOC- Indian Ocean Commission (IOC), Mauritius</p>
<p>15:20-15:40 Potential joint African Centers of Excellence for the Equatorial Atlantic Ocean <i>Joseph D. Intsiful</i>, Senior Climate Science Expert, African Climate Policy Centre, Special Initiative Division (UNECA)</p>	
<p>15:40-16:00 Potential joint African Centers of Excellence for the South-western Atlantic Ocean <i>Anna Erastus</i>, Director for Planning and Economic Ministry of Fisheries and Marine Resources (Coordinator of Blue Economy), Windhoek, Namibia</p>	

16:00-16:30	Coffee-break
16:30-17:00	Cooperation mechanisms for the establishment of centers of excellence <i>Kojo Busia</i> , Director, African Minerals Development Centre (AMDC/UNECA), Ethiopia
16:30-17:00	Development of the Exploitation Code <i>Chapi Mwangi</i> , Chief-Contract Management Unit, International Seabed Authority, Jamaica
17:30-18:00	Final discussion, session wrap up and recommendations <i>Chairperson</i>
Expected outcomes: Recommendations for the establishment of African Centres of Excellence, to provide African States with increased access to marine geo-scientific information and high quality marine research, education and training and advice to industry and government on complex scientific and policy issues critical to Africa's rights and responsibilities in the oceans, as well as related industries and infrastructure.	

Wednesday, 3 May 2017	
Evening Session (Discussion Session)	<p>19:00-21:00</p> <p>Responsible resource extraction and the Sustainable Development Goals (SDGs): Geological resources are a critical component of societal development. There is however a need to balance the impacts of extraction with the potential benefits. The SDGs provide a framework to help evaluate the social and environmental elements of development activities in order to assist countries in making the best long term decisions</p>

Thursday, 4 May 2017

Thursday, 4 May 2017	
<p>Session 5:</p> <p>Prospects for Public and Private Partnership for preparation of application for plan of work for exploration in the Area by African nationals</p>	<p>Objectives: Discuss possible Private and Public Partnerships (PPPs) for the development of African marine activities, including land-locked countries, as well as the prospects and requirements for the preparation of application for plan of work for exploration in the Area by African companies and governmental agencies.</p>
	<p>Chairperson: <i>Hussein Hassan</i>, Head of Trade and Industry Department, African Union Commission (AUC), Ethiopia</p> <p>Rapporteur: <i>Edwin Egede</i>, AMDC Consultant, Senior Lecturer in International Law & International Relations, School of Law and Politics, Cardiff University, Cardiff, UK</p>
	<p>9:00-9:30 Requirements for application for plan of work for exploration in the Area <i>Chapi Mwangi</i>, Chief – Contract Management Unit, International Seabed Authority</p>
	<p>9:30-10:00 Presentation by potential African applicants for plan of work for exploration <i>Rezah Badal</i>, Mauritius</p>
	<p>9:30-10:00 Presentation by potential partner for African-based activities in the international seabed Area adjacent to the African continental shelf <i>Chistian Juergen Reichert</i>, Director and Professor, Head of “Marine Resource Exploration” sub-department, Federal Institute for Geosciences and Natural Resources (BGR), Germany</p>
	<p>10:00-10:30 Coffee-break</p>
	<p>10:30-11:00 Presentation by exploration contractor <i>Kris Van Nijen</i>, General Manager, Global Sea Mineral Resources, Deme-Group, Belgium</p> <p>11:00-11:30 Lessons from continental to Oceanic Mining: Governance, Legal Regimes, Royalties Coordinator, African Minerals Development Centre (AMDC/UNECA), Ethiopia</p> <p>11:30-12:00 Final discussion, session wrap up and recommendations <i>Chairperson</i></p>

Expected outcomes: 1. Identification of potential PPP to allow application for plan of work for exploration in the Area by African companies and governmental agencies;
2. Recommendations on how to promote responsible prospecting, exploration and exploitation activities in the African continental shelf and adjacent oceanic areas by African initiatives.

Thursday, 4 May 2017

Chairperson: *Hon. Peter Lokeris*, Minister of State for Energy and Mineral Development (Minerals), Uganda

Rapporteur: *Chapi Mwango*, Chief, Contract Management Unit, International Seabed Authority, Jamaica

Workshop wrap up and synthesis of recommendations

12:00-12:30

Workshop wrap up and synthesis of sessions' recommendations
Organizers

Closing Remarks

12:30-12:45

Dr. Kojo Busia, Director, African Minerals Development Centre/AMDC (UNECA/AMDC), Ethiopia

Ambassador Duncan Laki, Legal Adviser at the Permanent Mission of Uganda to the United Nations, New York, USA

Michael Lodge, Secretary-General, International Seabed Authority

Farewell Lunch

12:45-14:15

The farewell lunch, kindly offered by the ISA