

Experience sharing workshop on Mining and Sustainable Development: Challenges and Perspectives for African nations



13-18 April, 2015



Centre for Science and Environment

COUNTRY AND PARTICIPANT PROFILE



1 Nigeria

Mining contributes just 1% to Nigeria's GDP. There are over 40 different types of minerals spread across the country. To reform the mining sector, the Ministry of Mines and Steel Development has identified seven strategic minerals for priority development.

Participant: 1. Mudashir Olayiwola Raheem, National Environmental Standards and Regulations Enforcement Agency (NESREA)
2. Mr. Bashir Abba Waziri, Ministry of Mines and Steel Development



2 Ethiopia

Mining contributes only about 1% to the country's GDP. Gold is Ethiopia's main mineral export. Other key minerals produced in Ethiopia include niobium, platinum, tantalite, cement, salt and gypsum, clay and shale, and soda ash.

Participant: 1. Mr. Henock Atnafe Defegu, Ministry of Mines
2. Mr. Wendmnew Abrie Mekonnen, Ministry of Environment and Forest (MEF)



3 DR Congo

Mining activities contribute about 20% to the country's GDP. The country has deposits of 50 identified minerals including copper, cobalt, zinc, iron, cadmium, silver, gold, amongst others.

Participant: Josue Kizal Mpinzi, Ministry of Sustainable Development



5 Rwanda

Rwanda ranks number eight in the world for unrefined tin contributing to 1.5 percent of global tin production. It also produces 9% of the world's tantalum and 4% of the world's tungsten. Oil and gold may become significant in the future.

Participant: Joseph Kagabo, Rwanda Natural Resources Authority, Ministry of Natural Resources



7 Botswana

Mining contributes over one-third of the country's GDP. Botswana is the largest diamond miner in the world. The country is estimated to have more than 200 billion tonnes of coal reserves.

Participant: 1. Dorothy Khabenyana Kgathi-Thite, National Environment Management Authority
2. Kenaleman Charles, Department of Mines



8 Zambia

Zambia is the largest copper producing nation in Africa. Copper and cobalt together account for approximately 10% of Zambia's GDP and around 80% of export receipts. Other important minerals include cobalt, zinc, gold, manganese, nickel and gemstones. Coal industry is viewed as a key growth sector.

Participant: Mr Josphat Sichula, Senior Inspector, Zambia Environment Management Agency



9 Mozambique

The mineral wealth of Mozambique includes gold, coal, gemstones, diamonds, amongst others. The country could become one of the 10 largest exporters of coal globally by 2017 driven especially by coal demand from China and India.

Participant: 1. Josefa Teresa Malumana Jussar, Ministry of Land, Environment and Rural Development
2. Suzete Marina Cristiano Taimo, Ministry of Minerals Resources and Energy



4 Kenya

Mining is an emerging sector in Kenya. Until recently mining exports only contributed to around 1% of the country's GDP. There is further potential for gold mining in the country and possible coal and iron ore deposits.

Participant: Oceanic Sakwa, National Environment Management Authority



6 Tanzania

Mining contributes to around 3.2% of the country's GDP, with a vision to expand this to 10% by 2025. The mineral wealth of Tanzania includes metallic minerals (gold, iron, silver, copper, platinum, nickel and tin) gemstones (diamonds, tanzanite, ruby, garnet, emerald), industrial and building minerals and energy minerals (coal and uranium).

Participant: 1. Mr. Benjamin Joel Mchwampaka, Ministry of Energy and Minerals
2. Mr. Ephraim Jackson Mushi, Ministry of Energy and Minerals
3. Mr. Aidan Gumbo David Mhando, Ministry of Energy and Minerals



Experience sharing workshop on MINING AND SUSTAINABLE DEVELOPMENT: CHALLENGES AND PERSPECTIVES (April 13-18, 2015)

PROGRAMME SCHEDULE

DAY 1 (APRIL 13, 2015)

Introductory session	9:30 – 10:15	Registration and Introduction of participants	Nivit Kumar Yadav Programme Manager, CSE Swati Singh Sambyal Senior Research Associate, CSE
	10.15 – 10.45	About Centre for Science and Environment and its work in South Asia, Africa	Chandra Bhushan Deputy Director General, CSE
	10:45 – 11:15	Tea break followed by <i>Group Photo Session</i>	
	11.15 – 12.30	<i>About the experience sharing workshop and challenges in the mining sector</i> • Environmental challenges • Social challenges • Governance related issues <i>Q&A followed by discussion</i>	Nivit Kumar Yadav, Programme Manager, CSE
		Lunch (12:30 – 1:30)	
Legislative framework and the environmental clearance mechanism for mining projects	1:30- 4.00	Country presentation • Botswana • Tanzania • Nigeria • DRC • Kenya <i>(Tea break at 3:00)</i> <i>Q&A followed by discussion</i>	Nivit Kumar Yadav, Programme Manager, CSE

Day 2 (April 14, 2015)

Legislative framework and the environmental clearance mechanism for mining projects	9:30 – 12:30	Day 1 Round up Country presentation • Ethiopia • Rwanda • Mozambique • Zambia <i>(Tea break at 10:30)</i> <i>Q&A followed by discussion</i>	Sujit Kumar Singh, Programme Manager, CSE
		Lunch (12:30 – 1:30)	
Environment Management Plan	1:30 – 4:00	• <i>What is the Framework of EMP in respective countries?</i> • <i>How is EMP reviewed?</i> • <i>Compliance assurance of EMP</i> <i>Q&A followed by discussion</i> Departure for Nagpur	Swati Singh Sambyal, Senior Research Associate, CSE

Day 3 (April 15, 2015)

Site visit in Nagpur	9:30 – 1:00	Visit to Umrer Mines <i>Participants shall be travelling to Umrer, approximately 40 kms away from Nagpur for visit to the open cast mine site.</i>	Western Coalfields Limited, Nagpur
		Lunch (1:00 – 1:45)	



PROGRAMME SCHEDULE

	3:45 – 5:00	Mine Planning and Management and Best Practices adopted by the Western Coalfields Limited <i>Q&A followed by discussion</i>	Western Coalfields Limited, Nagpur
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Day 4 (April 16, 2015)

Site visit in Nagpur	9:30 – 12:00	Visit to Saoner Mines <i>Participants shall be travelling to Saoner, approximately 50 kms away from Nagpur for visit to the underground mine site.</i>	Western Coalfields Limited, Nagpur
	12:00 – 1:30	Best practices • Visit to Eco-park, a reclaimed mine site • Showcase of mine water usage for irrigation	Western Coalfields Limited, Nagpur
		Lunch (1:30 – 2:15)	
		Departure for Delhi	

Day 5 (April 17, 2015)

Discussion on Site Visit	10.30 – 11.00	Participants will share their learnings from the Nagpur visit	Nivit Kumar Yadav Programme Manager, CSE
Land Acquisition, Compensation, R&R	11.00 – 12.30	Discussion on Land Acquisition, Compensation and R& R processes in the participating countries • Process • Mechanism • Important Provisions	Sujit Kumar Singh Programme Manager, CSE
		Lunch (12:30 – 1:30)	
Benefit Sharing	1.30 – 2.30	<i>Discussion on the concept of Benefit/ Profit Sharing with communities</i>	Srestha Banerjee Senior Research Associate, CSE
Mine Reclamation	2.30 – 4.00	<i>Discussion on what are the current practices regarding mine reclamation in the participating countries</i>	Sujit Kumar Singh Programme Manager, CSE
		Dinner 7:30 - 9:00 Dinner hosted by CSE at Delhi O' Delhi, IHC	

Day 6 (April 18, 2015)

Best practices in Mining	9:30 – 10.45	Best practices (air, water, noise, mine reclamation) Tea (10:45 – 11:00)	Sujit Kumar Singh Programme Manager, CSE
Way Ahead: How can CSE and Africa work together on Mining related issues	11:00 – 11:30	Discussion with the participating countries	Nivit Kumar Yadav Programme Manager, CSE
Feedback session	11.30 – 12.30	Feedback and certificate distribution	Aditya Batra Programme Director, CSE

Lunch (12:30 – 1:30)

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