

**ACP-EU Development Minerals Programme
Implemented in partnership with UNDP**

Programme Partners:



*Empowered lives.
Resilient nations.*

DEVELOPMENT MINERALS CURRICULA SPRINT

RETURN TO WORK PLANS (RWP)

An initiative of the African, Caribbean and Pacific Group of States, financed by the European Union and United Nations Development Programme, and implemented by UNDP.



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I. RETURN-TO-WORK PLANS

Return to Work projects are a valuable mechanism for workshop participants' personal and professional development. As part of your sponsorship, you are required to develop a return-to-work plan on a project you will undertake on your return, applying the knowledge and skills gained from workshop to influence change.

Periodic follow-up on the progress of implementation of the plan will be undertaken by UNDP.

II. REPORTING STRUCTURE FOR RETURN-TO-WORK PLANS

To facilitate ease of reporting and follow-up on your return to work project, the structure below outlines the key project elements that need to be covered in the reporting. **Please submit a draft Return to Work Project (RWP)** using the structure provided below.

GENERAL INFORMATION
<p>Name(s): Cryton Phiri</p> <p>Position: Lecturer</p> <p>Email: cryton.phiri@unza.zm</p> <p>Phone no (office + mob): +260966404440</p>
<p>Brief Description of the project:</p> <p>The University of Zambia, School of Mines, Geology Department is offering a course program known as Geology of Energy and Industrial Minerals (GGY 5179) to its undergraduate students. The recent world developments have coined "Development Minerals" to encompass the term "Industrial Minerals". The escalating demands of Development Minerals currently being experienced in the country by the construction and infrastructure sector has indicated the need to restructure the way development minerals are exploited in the country. To this effect, the Department has attempted to revise its teaching curriculum to encompass the issues related to explorations, exploitations and value additions. Academia being the epitome source of knowledge, knowledge sensitization to undergraduate students will trickle down to the local communities and improve their usage. Besides, the participations of the academia in such projects is part of the university's responsibility towards knowledge contributions to the local communities.</p>



Expected Outcomes:

Increased knowledge on:

- the geology and classifications of development minerals
- Exploration techniques of development minerals
- Linkages and local content
- Value addition

Expected Outputs:

- Revised teaching curriculum on the current teaching module (GGY 5179)
- Increased undergraduate research projects in development minerals
- Increased participations of graduate geologists in the development minerals sector
- Availability of Geo Data maps on development minerals
- Short course trainings to artisanal and small scale miners involved in development minerals



Please describe how you plan to implement the return to work project: (outline key partnerships and collaborations across sectors in your country as well as any joint collaboration with other countries)

Activity	Inputs	Indicators		Partnerships	Responsible Persons
		Key			
		Outcomes	Outputs		
Lectures/Research (undergraduate students-UNZA)	Knowledge sensitization	Knowledge in development minerals and their economic uses in economic Zambia's development minerals sector	Increased number of graduate geologists taking leading roles in development minerals operations	Government ministries and agencies	Academia
		Increased research projects	Undergraduate students Geo-data maps resulting from research projects	Government ministries and agencies	Academia and Geological Survey
		Knowledge in value addition through appropriate equipment	Increased demand and market sales	ASMs	Facilitators (UNDP; government agencies; academia)
		Revised teaching curriculum	Approved teaching curriculum by university senate	Government, mining industry and NGOs	Academia



What indicators of success will you employ? (include indicators of success that go beyond activity-level implementation)

Success criteria	Possible indicators	How to measure
The availability of Geo-Data maps on development minerals in Zambia	Number of undergraduate students undertaking research projects in development minerals	Undergraduate student count
Approved teaching curriculum by senate	Curriculum recommendations by government, private sector, mining industry and NGOs	Counting and record keeping
Local entrepreneurship participations by graduate students	Graduate students in the sector	Counting the number of participations

What other strategic opportunities have you identified that will contribute to the success and sustainability of your project? (include linkages to sub-regional and regional agenda)

- Participation of government, government agencies, private sector and NGOs
- Workshops and outreach programs by UNDP
- Availability of geological services to the public

What aspects of the training will be most useful in implementing your project? Explain

- Hands on experience type of training is suitable because of its practicability
- Outreach trainings

What are your future plans? (Include any additional capacity building needs for your professional development that you have identified during the course of the workshop).

- To revitalize the development minerals sector through knowledge sharing, value addition and promotion of the linkages and local content
- Capacity building through skills training in gemology and materials beneficiations techniques



ACTION PLAN							
Period	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7
Activities							
Activity 1: Revised Teaching Curriculum (GGY 5179)							
Activity 2: Undergraduate student projects							
Activity 3: Knowledge sensitization							
Activity 4: Offering of Short training courses							
Activity 5: Preparations on research proposals							
Etc.							

III. SUBMISSION DATE OF THE DRAFT RETURN-TO-WORK PLAN

The draft Return to Work plan should be sent by **Tuesday 2 May 2017** to development.minerals@undp.org

