

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

Programme Partners:



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.



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			
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Brief Description of the project: Dimension stones (DEVELOPMENT MINERALS) are any natural rock materials quarried for the purpose of obtaining blocks or slabs that meet specifications as to size (width, length, and thickness), shape, color, surface finish, grain texture and pattern that can be used as decoration for interior and exterior for building. Most use nowadays is for ground floor tiles which are fast replacing ceramic tiles because of its durability. The underemphasized use of dimension stones in Malawi has led to underutilization of such resources with a lot of exploration happening in metals and recently in oil and gas. This has led companies and individuals to rely on imported dimension stones from Zimbabwe and South Africa. Furthermore, due to limited exploration activities in Malawi,			

<p>the use of modern technology in exploration of dimension stone resources has been limited especially in areas not accessible by road. With the advent of satellite technology, the need to use this technology in exploration of outcrops has not been done in Malawi and to our knowledge anywhere in the world. On top of the exploration for dimension stone, the reconnaissance will also test satellite capability as well as specimen collection for the Geoscience laboratory.</p>			
<p>Expected Outcomes:</p> <ul style="list-style-type: none"> • Identifying all rock bodies that may be used as DEVELOPMENT MINERALS/industrial rocks and advising in their development. • Updating the geological maps for selected areas with emphasis on dimension stone bodies. • Collect sufficient base line data to enable decision making by potential investors and a full project plan for dimension stone exploration. • Specimen collection of mineral and rocks for the Geoscience laboratory • Test the use and capability of ASTER day time and night scenes satellite images for dimension stone exploration • Immediate technical response to any queries that may arise from the investors on the prospectivity of dimension stones in southern Malawi. • Provision and dissemination of information through internet, SADC Mining sector and all other avenues like workshops, peer-reviewed Journal article etc. 			
<p>Expected Outputs:</p> <p>(i) Development minerals maps; (ii) Teaching materials collection; (iii) Short training course on Development minerals; (iv) Number of participants trained</p>			

in Development minerals; (v) Development minerals cut and polished showcase material.											
<p>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)</p> <p>The project to assess the development minerals of southern Malawi on reconnaissance basis has started. A team just came back from the field . The collaboration is between the Malawi University of Science and Technology (MUST), THE Geological Survey Department, Mines Department and the Malawi Polytechnic (laboratory testing).</p> <p>After the field work, characterization of the samples is taking place then cutting and polishing.</p> <p>The first phase of dimension stone project which is the field reconnaissance is the main focus for this proposal at this point. The one month period has and will cover desk work, field visit, laboratory testing and report writing. However, depending on the preliminary results, a peer-reviewed journal article can be drafted. 50 samples have been collected.</p>											
<p>What indicators of success will you employ? (include indicators of success that go beyond activity-level implementation)</p> <p>PROJECT SUCCESS INDICATORS</p> <table><tr><td>1</td><td>Desk study and selection of areas.</td><td><ul style="list-style-type: none">• Literature reviewed• Satellite images processed (both region of infrared)• areas selected• Desk study report produced</td></tr><tr><td>2</td><td>Reconnaissance field visits</td><td><ul style="list-style-type: none">• Areas visited,• geological nature of the area determined</td></tr></table>			1	Desk study and selection of areas.	<ul style="list-style-type: none">• Literature reviewed• Satellite images processed (both region of infrared)• areas selected• Desk study report produced	2	Reconnaissance field visits	<ul style="list-style-type: none">• Areas visited,• geological nature of the area determined			
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2	Reconnaissance field visits	<ul style="list-style-type: none">• Areas visited,• geological nature of the area determined									

		<ul style="list-style-type: none"> • number of sample collected • Other data of the area collected • Minerals and rock specimen collected 			
3	Geological mapping	<ul style="list-style-type: none"> • Geology maps produced 			
4	Production of tiles	<ul style="list-style-type: none"> • Tiles produced 			
5	Report writing.	<ul style="list-style-type: none"> • Final Report written 			
6	Journal article	<ul style="list-style-type: none"> • Data reviewed if it can be turned into a journal article • The first part of the article produced 			
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)					
1- The data and information to be used by mining companies to develop the development minerals. 2- The Ministry of Natural Resources and Energy to use this information. 3- The development minerals areas to be used for training at both university and lower levels in terms of dimension stone resources, processing and marketing. 4- To sale the products within the SADC region.					
What aspects of the training will be most useful in implementing your project? Explain					
All the policy issues we learnt including exploration, identification, marketing, community issues, value addition, gender, environmental issues etc. The acquired training materials will also be very useful for both university and lower level teaching.					

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). 1- Use the curricula materials acquired for teaching purposes; 2- Advance the dimension project to levels where some operating quarries can be established to produce DEVELOPMENT MINERALS and sell them i.e. granites and marbles.										
ACTION PLAN										
Period	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7			
Activities										
Activity 1: Desk work to Finalise project proposal for the DEVELOPMENT MINERALS reconnaissance	April									
Activity 2: Finalise project proposal for the DEVELOPMENT MINERALS reconnaissance		May								
Activity 3: Desk study report produced.			June							
Activity 4: <ul style="list-style-type: none"> • Areas visited, • geological nature of the area determined • Other data of the area collected • Minerals and rock 				July						

[illegible]

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