



ACP-EU Development Minerals Programme
Implemented in partnership with UNDP

RETURN TO WORK (RTW) PLAN

PROGRESS REPORT

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 were required to develop a return-to-work plan on a project you would undertake on your return, applying the knowledge and skills gained from workshop to influence change.

This follow-up on the progress of implementation of the return-to-work plan will be used to determine the most successful projects; and subsequently offer a number of selected participants the opportunity to attend future training events.

II. REPORTING STRUCTURE FOR RETURN-TO-WORK PLANS

To facilitate ease of reporting on the progress of your return to work project, the structure below outlines the key project elements that need to be covered. **Please submit the progress update on the Return to Work Project (RWP)** using the structure provided below.

| GENERAL INFORMATION |
|---|
| Name(s): ALPHET PHASKANI DOKOWE |
| Position: CHIEF GEOLOGIST |
| Email: apdokowe@yahoo.co.uk |
| Phone no (office + mob): +260211250174 (office); +260977872257 (mobile) |
| Brief description of the project: EVALUATION OF FLAT STONES (DOLOMITIC MARBLES AND MICACEOUS SCHISTS PAVING STONES) OPERATIONS BY SMALL SCALE MINERS AROUND LUSAKA AND KAFUE TOWNS IN ZAMBIA WITH A VIEW OF SUGGESTING AND CONTRIBUTING TO ENHANCEMENT OF THE SECTOR |
| What were the expected outcomes and what outcomes did you achieve? <ul style="list-style-type: none">• The activity will seek to find and highlight the challenges and opportunities faced by these operators in terms of security of tenure of mineral rights, environment, marketing and sustainability of their operations. <i>This outcome was achieved</i>• Identify sites from which the rocks are extracted. <i>This outcome was achieved.</i>• Quantify the numbers of individuals involved in its extraction, and sales. <i>This outcome was achieved.</i> |

What is the gender and age distribution in terms of people dependent on this line of business? *This outcome was achieved. In terms of gender both men and women are engaged in mining as well as selling. The ages range from teenagers to those in their forties and also above. For “flat stones” the miners are men while those who vend near Lusaka are from both sexes, with men predominating. For aggregates even juveniles were found engaged in stone crushing.*

What were the expected outputs and what outputs did you achieve? Please be specific. For example, if you held a workshop or presentation to share the knowledge you gained during the training workshop: Where was the workshop held? When? How many people attended? What was the gender balance? Please also attach as an appendix any photos or other media.

Expected Outputs

1. Problems and opportunities faced by flat stone small scale miners are known and documented
2. Regulatory status of operations are evaluated (establish legal status of the quarrying operations)
3. Environmental impacts of these activities on the city are assessed
4. Available resources are estimated to ascertain the sustainability of these activities
5. Possible way forward suggested

Outputs achieved

1. Flat stone mining sites around Lusaka and Siavonga visited
2. Flat stone vendors around Lusaka interviewed
3. Sites of occurrence and mining of other development minerals across the country visited
4. Selected sites for processing of mining sites visited
5. Four workshops for different stakeholder groups held to impart basic knowledge in geology, gemmology and mineral processing methods
6. Legal status of selected mining sites established

Please describe the key partnerships and collaborations that you established in your country as well as any joint collaboration with other countries

1. Other officers from Geological Survey Department brought aboard
2. Officers from other Departments of the Ministry coopted into the project to handle their respective areas of responsibility during field visits and workshops



3. Office of UNDP's Development Minerals Project Coordinator has taken charge of communications with stakeholders, organization of workshops and sponsorship of field visits
4. Small scale miners' associations used in disseminating information about development minerals

What indicators of success have you achieved since the start of implementation? (Describe the indicators of success in relation to the expected outputs and outcomes)

1. More than one thousand miners of development minerals interviewed/visited
2. More than one hundred sites of extraction of development minerals visited
3. Each Department of the Ministry of Mines has managed to provide resource persons for workshops to explain technical information and legal provisions
4. Mineral rights acquisition procedures explained to unlicensed miners
5. Alleged impediments to licensed mining recognized
6. Government empowerment programmes explained to miners met and attendees of workshops
7. Possible uses of various development minerals explained so that communities can recognize possible minerals to exploit – legally – in their areas.

What strategic opportunities have you acted upon that have contributed to the continued success of your project? (include linkages to sub-regional and regional agendas)

- Political pronouncements by the national leadership for diversification from a copper centric mining industry to other commodities like the development minerals.
- Continued interest from private individuals and companies for investment opportunities in development minerals

What opportunities opened up for you personally as a result of your RWP?

- The ability to guide prospective investors who want to undertake exploitation of development minerals through the legal route to sites where the presence of the desired minerals is already confirmed. This leads to mining operations which can be monitored in terms of safety and environmental management practices.



Please explain any problems encountered during implementation of your project, highlighting any deviations from the project plans (Describe the solutions sought for the problems and corrective actions undertaken for the deviations)

After UNDP appointed a resident Development Minerals Project Coordinator the minerals of focus changed from just flat stones to the entire range of development minerals. Consequently, the area of focus also changed from just the Lusaka-Kafue area to the entire country. In turn the time and financial resources intended to undertake the work also increased.

Before appointment of the Development Minerals Project Coordinator the Geological Survey Department faced severe budgetary constraints leading to inability to undertake the planned number of visits to mining sites.

It had been hoped at the conception and inception of the project that there would be funds to able to undertake resource evaluation at unlicensed quarry sites. This could not be done in 2016 and 2017 due to financial resource challenges with the national treasury. This challenge may persist even into the year 2018.

What specific actions have you undertaken to ensure sustainability of your project?

1. Have included development minerals as commodities that Department should target for generation of new data and information in terms of exploitation potential during the country's new national development plan for the period 2017 to 2021.
2. Have made contacts with leadership of one small scale miners association to help publicise training workshops when these were due so that some of its membership can attend.



Please describe any future actions in the table below

| ACTION PLAN | | | | | | | |
|---|---|---------|---------|---------|---------|---------|---------|
| Period | Month 1 | Month 2 | Month 3 | Month 4 | Month 5 | Month 6 | Month 7 |
| Activities | | | | | | | |
| Activity 1: Collection of data on development minerals from Copperbelt based libraries/archives of private mining companies | Currently under way i.e. team is in Copperbelt region on data collection mission. | | | | | | |
| Activity 2: Collation of data collected from Copperbelt based archives | | | | | | | |
| Activity 3: Updating of existing databases and information on development minerals | | | | | | | |
| Activity 4: Field visits to occurrences/deposits | | | | | | | |
| Activity 5: | | | | | | | |

NB:

1. Please attach any evidence of commendation/award/certificate received as a result of implementing your return-to-work plan



On a personal level I have played a mostly supervisory and guidance role, letting my work place subordinates undertake the travelling.



The Director of the Geological Survey Department (centre) flanked by four officers of the Department who had acted as resource persons at the workshop held in Livingstone

III. SUBMISSION OF THE PROGRESS UPDATE OF THE RETURN-TO-WORK PLAN

The progress update of the Return to Work plan should be sent to:

development.minerals@undp.org.