

## Environmental and Social Management Plan for “TGMI Blue Economy accelerator program”

### 1. Project Description (location, specific activities)

*Briefly list the planned activities. Clearly identify the issues to be addressed in terms of potential E&S impacts and the proposed solution (to be retrieved from the concept note and/or full proposal - 500 words max).*

#### Planned activities:

1. Training; sessions on enterprise skills development and enterprise management.
2. Mentorship; participants will get access to mentors and technicians to take their business to the next level.
3. Product development facilities; the participants will get access to organizations and materials to develop or enhance their products
4. Networking events and pitching sessions to allow participants to make the right contacts and get the right collaborations and support to take their business further.
5. Pitching competitions; there will be two, one each year.
6. One international events: two overall winners will attend one international event on enterprise development; such as the South African Innovation Summit held in Cape Town every September.

#### Issues to be addressed in terms of potential E&S impact

- Potential hazards from prototype development.
- Potential risks in general when participants are doing field work.

#### Proposed solutions:

- Conduct capacity building sessions as part of the training program on E&S impact as part of the corporate responsibility module, and ensure that the participants include this in their business.
- Conduct training session on health and safety for businesses and ensure that health and safety is included as part of the business plan of the participants.
- Hire consultants with expertise in E&S impact and in health and safety to guide the project coordinator with respect to these two fields and to also conduct the capacity building sessions.
- Obtain health and safety procedure documents from all organisations that will host participants for product development.

**2. Risks, mitigation measures and monitoring**

*Identify and list potential environmental and social risks associated to the project. For each of the identified risks proposed mitigation measures to mitigate these risks and develop indicators to monitor the implementation of the proposed mitigation measures.*

Potential risks	Mitigation measures	Indicators to monitor implementation of mitigation measures
<b>Environmental risks</b>		
Potential pollution due to testing of products or development of prototypes	Include environmental and social impact monitoring and mitigation as part of the CSR module in the program for the participants to include it in their businesses.	Training done for all participants by a consultant  All participants have included ESMP in their business plan
	Participants to be trained in procedures of testing or developing prototypes in placed organisation.	Training done by host organisation
	Participants to be trained in procedures of handling and disposal of potentially hazardous materials if the prototype development in laboratories involve chemical/hazardous materials or any waste generated from the development of the prototypes.	Training provided by lab technician in host organisation
<b>Health and safety risks</b>		
Injuries to participants while on field work	Include health and safety as part of training, with the support of a consultant.	All participants trained in health and safety specific to their businesses.
Injuries and health risks to participants at host organisations	Participants to be familiarized with the health and safety protocol in host organisation.	Briefing done by host organisation

### 3. Monitoring Plan

*The objective of the monitoring plan is to ensure that the mitigation measures are properly implemented.*

#### 3.1. Data collection, analysis and report responsibilities

*List personnel or organization responsible for collecting data related to monitoring indicators, processing data and reporting to the PIU.*

##### Capacity building to make provision for ESIA or ESMP

- TGMI to collect and view all business plans and send to identified TGMI environment consultant to ensure minimal negative environmental impact is built into the business.
- TGMI to compile a report to indicate how all of the businesses in this project are as 'green' as possible.
- Host organization for prototype development to send their E&S safeguards policy or procedures to TGMI

##### Health and safety training

- TGMI to identify a health and safety expert to ensure health and safety is built into testing and prototype development of all businesses where relevant; to both participants and their clients.
- The participants to provide TGMI project coordinator with information regarding health and safety compliance measures, to be submitted to the consultant for validation purposes.
- Host organization for prototype development to send their health and safety policy or procedures to TGMI

Note: all business mentors in this program will be inducted into the ESMP aspect of the accelerator program to ensure that they understand and abide by the ESMP standards set.

TGMI to provide SeyCCAT and PIU

- the list of participants participating in the programme
- the type of business or product to be developed by the participants
- the list of organisations hosting the participants
- the health and safety protocols and other code of conduct from host organisations

before each respective activity is realised. SeyCCAT to disburse funds accordingly.

The PIU Environmental and Social Specialist will revise the ESMP accordingly.

#### 3.2. Additional support (capacity building, resources etc.)

*List the additional support that is required to ensure that the mitigation measures are properly being implemented.*

### **Health and safety training**

- Ministry of Health expertise to provide additional information and capacity building of the requirements for participants who would be producing consumables.
- Host organisation such as SBS to brief and provide information about health and safety policy and procedures to participants and TGMI.

### 3.3. Monitoring table

For every mitigation measures proposed, list the monitoring indicator, frequency of monitoring, responsible for monitoring and the associated cost. This will ensure early detection of conditions that require additional or alteration in mitigation actions, provide info on progress and results of mitigation.

Mitigation measures	Indicator	Frequency	Responsibility	Cost
Include environmental and social impact monitoring and mitigation as part of the CSR module in the program.	Participants have included this in their business plan	Once in every boot camp, 3 hours each session, starting with the first training in phase 1	TGMI project coordinator	Cost of a consultant/mentor
Training in procedures of testing or developing prototypes in placed organization.	Capacity building plan for individual mentorship plan	Starting with the second training in phase 1, and depends on individual needs	TGMI project coordinator	Training in procedures of testing or developing prototypes in placed organization.
Include health and safety as part of training, with the support of a consultant.	Training plan and business plan	Once in every boot camp, 3 hours each session, starting with the first training in phase 1	TGMI project coordinator	Cost of a consultant/mentor
Training in procedures of handling and disposal of potentially hazardous materials if the prototype development in laboratories involves chemical/hazardous materials or any generated waste.	Training plan and schedule  Training manual from host organisation	Once at the start of prototype/product development at the end of second training boot camp	TGMI project coordinator  Host organisation safety officer	Inclusive in training and mentoring cost
Participants to be familiarise with the health and Safety protocol in host organisation.	Induction schedule from host organisation and safety protocol sent to TGMI	Once at the end of training boot camp one and as many times as necessary depending on how many different host organisation each participant need to access.	TGMI project coordinator  Host organisation safety officer	Inclusive in training and mentoring cost

### 3.4. Implementation schedule

Provide a schedule for implementation of the various mitigation measures and activities that will enable for the monitoring of the implementation of the mitigation measures.

Activity	Timeline of Activity										
Mitigation measures											
Include environmental and social impact monitoring and mitigation as part of the CSR module in the program	Feb 2020 Stakeholder's Meeting	May 2020 Training 1	August 2020 Training 2	November 2020 Evaluation	May 2021 Training 3	August 2021 Evaluation					
Include health and safety as part of training, with the support of a consultant.	Feb 2020 Stakeholder's Meeting	May 2020 Training 1	August 2020 Training 2 and mentoring	November 2020 Evaluation	May 2021 mentoring	August 2021 Evaluation					
Monitoring of the mitigation measures implementation											
Participants to be trained in procedures of testing or developing prototypes in placed organisation.	August 2020 training 2, and mentoring										
Participants to be trained in procedures of handling and disposal of potentially hazardous materials if the prototype development in laboratories involves chemical/hazardous materials or any generated waste.	August 2020 training 2, and in house mentoring										
Participants to be familiarise with the health and Safety protocol in host organisation.	May 2020 Training 1	August 2020 Training 2 and mentoring									

**Special Note for consideration:**

- The potential participants of this accelerator program have yet to be identified at the conception time of this ESMP, hence the challenges to identify all potential risks and their respective mitigation plan. For that reason, the participants will be given the capacity to come up with their own ESMP or ESIA plans and activities as part of the program.
- Since it will be the participants' projects which will determine which partners TGMI will have to work with, procedures of handling and disposing of potential wastes or hazard materials (if any) cannot be attached with this current ESMP. These if required will be collected from the respective organisations and provided in the progress reports.

#### 4. Grievance Redress Mechanism

In line with the World Bank safeguards policies, the SWIOFish3 project has developed a Grievance Redress Mechanism (GRM) to receive, process and respond to complaints from any person or group of people related to the project or is affected by its activities. The GRM is a system designed to answer questions, clarify doubts and resolve implementation problems and complaints of individuals or groups affected by SWIOFish3 project activities. GRMs are intended to be accessible, collaborative, efficient, and effective in resolving concerns through dialogue, joint fact-finding, negotiation, and problem solving. Grievances can surface at different stages of the project cycle. Some grievances may arise during the project design and planning stage, while others may come up during project implementation. In general, grievances that may be encountered in the implementation of the SWIOFish3 project can be grouped into three categories:

- Grievances related to the changes in access to resources through management plans
  - Grievances related to proponents and beneficiaries of the Blue Grants Fund (BGF) and Blue Investment Fund (BIF)
  - Grievances related to issues encountered by local communities where project activities are occurring
- Individuals or groups affected by the SWIOFish3 subproject can
- complete a “complaint form” which will be made available to the public to formulate their suggestions or complaints. These forms can be withdrawn at the PIU office or download from the project website. Once completed, these forms can be deposited in complaint boxes.
  - A line of communication will be made for the public so that they can transmit suggestions and complaints through a call or an SMS;
  - Formal letters, emails can also be sent to the PIU;
  - Suggestions or complaints can also be formulated during consultation meetings.

**Address:**

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