

UNEP GEF PIR Fiscal Year 2023

Reporting from 1 July 2022 to 30 June 2023

INSTRUCTIONS TO COMPLETE THIS PIR

1. *Instructions in blue are directed to Task Managers / Administrative Officers*
2. *Instructions in red are directed to Project Managers and Executing Agencies*
3. When filling up the respective cells, use the Normal style from the template. The text will look like this.

1. PROJECT IDENTIFICATION

1.1. Project details

This entire table is to be prepared by Task Managers

Identification Table		GEF ID.: 3649		Umoja no.: SB 000689.31	
		SMA IPMR ID: 20453		Grant ID: S1-32GFL-000474 / P1-33GFL-000427	
		Project Short Title: Mozambique/IMP_BS			
Project Title		Support the Implementation of the National Biosafety Framework of Mozambique			
Duration months	Planned	60 months			
	Extension(s)	22/04/2019, 15 months	13/07/2020, 15 months	30/11/2022, 15 Months	
Project Type		Medium Size Project			
Project Scope		National			
Region		Africa			
Countries		Mozambique			
GEF Focal Area(s)		Biodiversity			
GEF financing amount		USD 755,000			
Co-financing amount		USD 755, 000			
Date of CEO Endorsement		9/01/2014			
UNEP Project Approval Date		06/05/2014			
Start of Implementation		06/05/2014			
Date of Inception Workshop		24/09/2014			
Date of first disbursement		28/07/2014			
Total disbursement as of 30 June 2023		USD 713,819.88			
Total expenditure as of 30 June 2023		USD 707,185.60			
Midterm undertaken?		Yes			
Actual Mid-Term Date, if taken		14-18/11/2016			

Completion Date <i>Planned- Original PCA</i>	05/05/2019
<i>Revised- Current PCA</i>	30/11/2023
Expected Terminal Evaluation Date	March 2024
Expected Financial Closure Date	June 2024

1.2. Project description

Present a brief project description, stating objective, components, executing agency and main government/other partners involved. Summarize each component in one short paragraph:

1.Objectives

1.1. General objective: Functional and transparent national biosafety framework in place in accordance with national development priorities and international obligations.

1.2. Specific Objectives:

- a) To assist Mozambique to establish and consolidate a fully functional and responsive regulatory regime in line with Cartagena Protocol and national needs and priorities;
- b) To assist Mozambique to establish and consolidate a functional national system for handling request, perform risk assessment, testing of LMOs, decision-making, perform administrative tasks;
- c) To assist Mozambique to establish and consolidate a functional national system for “follow-up”, namely monitoring of environmental effects and enforcement; and
- d) To assist Mozambique to establish and consolidate a functional national system for public awareness, education, participation and access to information.

2.Components

Component 1: Mozambique has a fully functional and responsive regulatory regime in line with CPB and national needs;

- A regulatory regime in place consistent with CPB and other obligations
- Regulatory regime fully enforced

Component 2: Mozambique has a functional national system for handling requests and decision-making as well as performing or cause to perform risk assessment and management associated to with LMOs, and has a capacity to detect LMOs;

- A fully functional risk assessment and risk management system in place
- A functional decision-making system established
- A functional administrative system established

Component 3: Mozambique has a functional national system for “follow-up” activities, namely monitoring of environmental effects and enforcement; and (i)Strengthened system for monitoring of environmental effects and inspection (ii) Emergency procedures established and operationalized

<ul style="list-style-type: none"> Monitoring of environmental effects and enforcement actions are defined and in place Technical means for monitoring and inspections are in place Increased national competence on monitoring and inspection is in place and equipped with equipment for additional capacity building <p>Component 4: Mozambique has a functional national system for public awareness, education, participation and access to information.</p> <ul style="list-style-type: none"> Public education, awareness and participation in decision making strengthened. <p><i>Executing agency:</i> Agriculture Research Institute of Mozambique (IIAM). <i>Government/Other partners involved:</i> Project Steering Committee.</p>

1.3. Project Contacts

Division(s) Implementing the project	Ecosystems Division
Name of co-implementing Agency	N/A
Executing Agency(ies)	Agriculture Research Institute of Mozambique (IIAM)
Names of Other Project Partners	Biosafety Working Group (GIIBS) of the Ministry of Science and Technology, Mozambique
UNEP Portfolio Manager(s)	Ersin Esen
UNEP Task Manager(s)	Alex Owusu-Biney
UNEP Budget/Finance Officer	Paul Vrontamitis
UNEP Support/Assistants	Evelyn Machasio/Solomon Kinuthia
EA Manager/Representative	Olga Lurdes Jossias Fafetine
EA Project Manager	Paulino Munisse
EA Finance Manager	Eugenia Tembe
EA Communications Lead, if relevant	Paulino Munisse

2. OVERVIEW OF PROJECT STATUS

2.1 UNEP PoW and UN

UNEP Current Subprogramme(s)	Nature action Foundational: Environmental Governance.
PoW Indicator(s)	Nature Action: Outcome 2A/ Output 2.9/ indicator (i); Environmental Governance indicator ii
UNEP previous Subprogramme(s)	Healthy and Productive Ecosystems & Environmental Governance
UNSDCF / UNDAF linkages	Outcome 9.1.1 on number of new and reviewed legal and policy instruments on Natural Resources and Environment.
Link to relevant SDG Goal(s)	Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture
Link to relevant SDG Target(s)	Target: 2.5 - By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at the national, regional and international levels [BIOSAFETY], and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, as internationally agreed

2.2. GEF Core Indicators (for all GEF 6 and later projects): N/A

GEF Core Indicators	Indicative expected Results	
<i>Discuss GEF core indicators targeted by the project, as well as expected results. (maximum one paragraph)</i>		
<i>Indicator</i>	<i>Expected values at</i>	
	<i>Mid-term</i>	<i>End-of-project</i>

2.3. Implementation status and risk

[complete the fiscal year and select: 1st PIR; 2nd PIR; Final PIR; select HS; S; MS; MU; U; HU; unknown; not rated to rate the progress towards outcomes and outputs in third and fourth lines; select H; S; M; L; to rate risks for the fiscal year you are reporting in the fifth line. Add more columns if needed]

PIR #	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Rating towards outcomes (section 3.1)	S	S	S	S	S	S	S	S	S
Rating towards outputs (section 3.2)	S	S	S	S	S	S	S	S	S
Risk rating (section 3.3)	L	L	L	L	M	L	L	L	L

Summary of status. Please structure as follows, highlighting progress, challenges and main achievements, as needed:

Summary of status

Under objective 1 (To have a fully functional and responsive regulatory regime in line with CPB and national needs) measures have been taken to ensure that regulatory regime in place consistent with CPB and other obligations as laid out in the project outcome 1. During this exercise, the Decree No: 71/2014 Containing the Regulations on Biosafety Related to Management of GMOs has been approved and gazetted and it is now Compliant to CPB. Regarding project Outcome A2 related to adopting measures for enforcement of regulatory regime, the project produced final guidelines and manuals for inspection, risk assessment and handling requests. The project also produced the final draft of guidelines and manuals for emergency measures, monitoring for environmental effects LMOs and socio-economic considerations. In response to indicator 1 of Outcome A2 measured as 8 manuals /guidelines produced to operationalize regulatory regime.

Regarding objective 2 (To have fully functional national systems for handling requests), the project has contributed for establishment of national system for handling requests. The NBC has been nominated by the National Biosafety Authority and It is now in place with clear distinction of responsibilities set out in Rules and Procedures for NBC developed by the Project. The NBC has taken 5 decisions on confined field trials and release into environment as result of requests using a set of procedures required under the Decree No: 71/2014 within time frames. Moreover, the project has produced final draft on 'Review of national system for handling requests of GMOs and development of the internal manual on procedures for handling requests of GMOs in Mozambique' which has been approved by NCC and training on the use of manual.

Relating to the outcome B3 on appointment of laboratory for LMO detection and equipped with facilities, during the implementation of the project, human and infrastructure capacity for GMO detection has been established at the IIAM Biotechnology Laboratory and Biotechnology Center of the University Eduardo Mondlane which are now fully functional to support science-based decision on GMO issues. In this context, IIAM GMO Detection Laboratory Infrastructure has been up gradated and all required listed equipment have been acquired, installed and they are now fully functional at both IIAM GMO Detection Laboratory and Biotechnology Center of the University Eduardo Mondlane. The two laboratories have been designated by NBA for testing LMOs in Mozambique. The project has contributed for training of 50 laboratory staff in matters related to LMO Detection and sequencing analysis. Efforts have made to comply with BCH obligations by filling the fields related to Focal Points, National Competent Authority and legislation as required by the CPB. However additional efforts should be made to fill in the information related to the decisions taken on confined field trials and release into environment trials. Three Training workshops on Capacity Building for Effective Participation on Biosafety Clearing-House (BCH), in collaboration with UNEP-GEF project Sustainable Capacity Building for Effective Participation in the BCH, June, 2022 and May 2023, in Marracuene, Maputo – Mozambique.

Procedures for handling of notification (AIA), transport, packaging and identification of GMOs and confidential information are contained in Decree No. 71/2014) are contained in the internal manual on procedures for handling requests of GMO developed during the project implementation.

Under objective 3 (To have a fully functional system for monitoring and enforcement), *final draft guidelines and manual for monitoring environment effects of LMOs and emergency responses were developed* in response to deliveries required to feed into outcome C1 (Strengthened systems for monitoring for environmental effects and enforcement actions and C2 (Emergency response procedures established and operational). *These manuals were used to carry out a training workshop on monitoring environment effects of LMOs and emergency responses, in October 2022, Marracuene, Maputo, with participation of different stakeholders. Moreover, a Focal Point to address emergency issues was appointed* s. Note that development of system for monitoring and enforcement is necessary as Mozambique has moved from confined fields to environmental releases trials and there are already some bordering countries that are already producing LMOs with are likely to cross border either intentionally or un-intentional to Mozambique. This process was

accompanied by adequate capacity building (human and infrastructure) to handle monitoring and enforcement issues.

Regarding objective 4 (To have fully functional systems for public awareness, education, participation and access to information

The reports of stocking analysis of the National Biosafety Framework of Mozambique carried out by the project has identified institutions responsible for public awareness (Outcome D1, indicator 6) and key areas for capacity building regarding to regulatory regime, administrative system, monitoring of environmental effects and enforcement and public awareness, education, participation and access to information for effective implementation of Cartagena Protocol. Public awareness on biosafety issues was carried out during the Inception Workshop, NCC Review Meetings in 2015 and 2016 in Matola and Induction Workshop for GIIBS Members in 2019 in Maputo which were used to disseminate the Decree no.71/2014, among the NCC members and other stakeholders. The Training Workshop on the Use of Real Time PCR Instrument for GMO Detection held in May 2019, provided knowledge, abilities, attitudes and professional qualities that laboratory technicians and researchers on molecular biology require for LMO detection to meet capacity obligations under outcome D1, indicator 5 of the project.

Public awareness on biosafety and modern biotechnology was carried out through public debates on the radio and television involving other stakeholders (Outcome D1, indicator 4) and also during WEMA, TELA and MCP-ICLT Projects stakeholders' meetings.

The meeting held in October 2019 for preparation of the Fourth National Report on CPB was used to dissemination of BCH among the biosafety stakeholders and also to collect necessary data to update the national information on BCH as required by Outcome D1, indicator 4.

The project has also produced the final drafts on 'Carrying out a survey for public opinion on GMO'. and Biosafety Communication Strategy in Mozambique in response to deliveries required to feed into outcome D1 (Strengthened system for public awareness, education and participation in decision making).

The major challenges were related the delays in establishment of body within MCTESTP charged to handle the NBF as well the need to improve the coordination between the project unit and project stakeholders to enable smooth implementation of the project activities. These challenges have been overcome in 2019 with establishment of NBC and also, significant efforts were made to have meetings with the main biosafety stakeholders within the country, in particular, the National Biosafety Authority and the National Biosafety Committee in order to develop a common understanding and joint workplan for successful implementation of the project activities.

The tendering process to contract consultants is lengthy process that has delayed the recruitment of consultancy services with negative impact in accomplishment of the planned activity within the agreed timelines. This challenge has been addressed by contracting RAEIN Africa to facilitate the procurement of laboratory equipment and reagents as well pending international consultancy services in line with the recommendations from the monitoring and supervision visit.

COVID -19 pandemic posed a big challenge for the implementation of the project's activities due to limitations imposed under the state of the emergency in the country. For example, planned face to face meetings and workshops were no longer possible due to confinement required by the health government guidelines. However, there is a need to continue to carry out the project activities using online platforms to comply with the Covid-19 prevention measures. In line with the restrictions, the project management unit acquired a video conferencing tool to support delivery of virtual meetings under the guidance of the Task Manager.

Rating towards outcomes: Satisfactory

It is satisfactory as Keys indicators for key outcome have been successful achieved:

- a) Measures have been taken to ensure that regulatory regime in place consistent with CPB and other obligations as laid out in the project outcome 1. During this exercise, the Decree No: 71/2014 Containing the Regulations on Biosafety Related to Management of GMOs has been approved and gazetted and it is now Compliant to CPB. Regarding project Outcome A2 related to adopting measures for enforcement of regulatory regime, the project produced 8 final draft guidelines and manuals for inspection, risk assessment and management, handling requests, monitoring environmental effects of GMOS, emergency measures and socio-economic considerations.
- b) The NBC has been nominated by the National Biosafety Authority and It is now in place with clear distinction of responsibilities set out in Rules and Procedures for NBC developed by the Project and the final draft on 'Review of national system for handling requests of GMOs and development of the internal manual on procedures for handling requests of GMOs in Mozambique'.
- c) Relating to the outcome B3 on appointment of laboratory for LMO detection and equipped with facilities, during the implementation of the project, human and infrastructure capacity for GMO detection has been established at the IIAM Biotechnology Laboratory and Biotechnology Center of the University Eduardo Mondlane which are now fully functional to support science-based decision on GMO issues; These laboratories have been designated for testing LMO in Mozambique.
- d) Efforts have made to comply with BCH obligations by filling the fields related to Focal Points, National Competent Authority and legislation as required by the CPB. However additional efforts should be made to fill in the information related to the decisions taken on confined field trials and release to environment trials. Three Training Workshops on Capacity Building for Effective Participation on Biosafety Clearing-House (BCH), were held in June, 2022 and May 2023 in Maputo – Mozambique
- e) Procedures for handling of notification (AIA), transport, packaging and identification of GMOs and confidential information are contained in Decree No. 71/2014) as well as in the internal manual on procedures for handling requests of GMO developed during the project implementation.
- f) The final drafts guidelines and manuals for monitoring of environmental effects of GMOs and emergency measures have been produced by the Project in response to deliveries required to feed into outcome C1 (Strengthened systems for monitoring for environmental effects and enforcement actions and C2 (Emergency response procedures established and operational).
- g) The reports of stocking analysis of the National Biosafety Framework of Mozambique carried out by the project has identified institutions responsible for public awareness (Outcome D1, indicator 6) and key areas for capacity building regarding to regulatory regime, administrative system, monitoring of environmental effects and enforcement and public awareness, education, participation and access to information for effective implementation of Cartagena Protocol. Public awareness on biosafety issues was carried out during the Inception Workshop, NCC Review Meetings and Induction Workshop for GIIBS Members. Public awareness on biosafety and modern biotechnology was carried out through public debates on the radio and television involving other stakeholders (Outcome D1, indicator 4) and also during WEMA, TELA, OFAB, and MCP-ICLT Projects stakeholders' meetings. The project has also produced the final drafts on 'Carrying out a survey for public opinion on GMO' and Biosafety Communication Strategy in Mozambique.

Rating towards outputs: Satisfactory

- a) Under output A (fully functional and responsive regulatory regime in line with Cartagena Protocol and national needs and priorities) the Biosafety Decree was finalised and gazetted; a report on Stocking analysis of NBF was produced; 8 Guidelines, manuals on inspection, risk assessment, handling requests, monitoring of environmental effects of LMOs, emergency measures and socio-economic considerations; the Decree 7/2014 on Biosafety, report on public opinion on GMO and rules and procedures for NBC were translated into English;

- b) Regarding output B (Mozambique has a functional national system for handling requests and decision-making as well as performing or cause to perform risk assessment and management associated to with LMOs, and has a capacity to detect LMOs), final draft guidelines and manuals on risk assessment and management, inspection, handling of requests were approved. The IIAM laboratory upgraded to the recommended spatial layout for LMO detection activities; adequate equipment for LMO detection purchased and installed, and now functional at IIAM Biotechnology Laboratory and CB-UEM Laboratory;
- c) Relating to output C (Mozambique has a functional national system for “follow-up” activities, namely monitoring of environmental effects and enforcement; and (i)Strengthened system for monitoring of environmental effects and inspection (ii) Emergency procedures established and operationalized), adequate equipment for LMO detection purchased and installed, and now functional at IIAM Biotechnology Laboratory and CB-UEM Laboratory; all field tool kits for LMO detection were purchased and tested; Protocol developed jointly with MCP-ICLT project and now it is functional; both IIAM and CB-UEM Biotechnology laboratories passed qualitative and quantitative proficiency testing; training Workshop for Laboratory Technicians and Researchers on the Use of Real Time PCR Instrument for GMO Detection was undertaken by the Project. Moreover, the final drafts guidelines/manual for monitoring of environmental effects of GMOS and emergency measures has been produced;
- d) Under output D (Mozambique has a functional national system for public awareness, education, participation and access to information), agencies responsible institutions for managing public awareness and education campaigns relating to Biosafety identified in the report on stocking analysis of NBF; the Report on public opinion developed and approved. The final biosafety communication strategy and content of biosafety and biotechnology teaching curricula have been produced.

Overall risk rating: Low

The Implementation of project has faced Low level risks related to workflow, stakeholder involvement and external factors such as Covid-19 pandemic that caused delays in project implementation and, as a result, the second no extra-cost extension of the project was granted to enable fulfilment of project objectives. The key risk is the unplanned delay caused by COVID-19; all activities were proceeding as planned

The major challenges were related the delays in establishment of body within MCTESTP charged to handle the NBF as well the need to improve the coordination between the project unit and project stakeholders to enable smooth implementation of the project activities. These challenges have been overcome in 2019 with establishment of NBC and also, significant efforts were made to have meetings with the main biosafety stakeholders within the country, in particular, the National Biosafety Authority and the National Biosafety Committee in order to develop a common understanding and joint workplan for successful implementation of the project activities.

The tendering process to contract consultants is lengthy process that has delayed the recruitment of consultancy services with negative impact in accomplishment of the planned activity within the agreed timelines. This challenge has been addressed in line with the recommendations from the monitoring and supervision visit. The Task Manager provided suggestions including batch processing of procurement requests. During the meeting it was agreed that the RAEIN Africa will lead the procurement and acquisition of the laboratory equipment for IMP, the strategy will be the same as used for ongoing MCP-ICLT project in Mozambique. Further, there were some delays in refurbishment of IIAM Laboratory due to difficulties encountered in the in the management of the contract with the selected building contractor.

COVID -19 pandemic posed a big challenge for the implementation of the project's activities due to limitations imposed under the state of the emergency in the country. For example, planned face to face meetings and workshops were no longer possible due to confinement required by the health government guidelines. However, the project activities continued to be carried out using online platforms to comply with the Covid-19 prevention measures.

[section will be uploaded into the GEF Portal]

2.4. Co-financing

Planned Co-finance Total: <i>(total only)</i> Total: \$755,000 Actual to date: USD <i>(717,691.65)</i> and 86%. 30.06.2023	<i>Justify progress in terms of materialization of expected co-finance. State any relevant challenges.</i> <i>(maximum one paragraph)</i> As of now the co-finance is totalling USD 717.691.65 which corresponds to 95.05 % of the planned co-finance for all project duration. Co-finance is in kind. No major challenge in leveraging co-finance
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2.5. Stakeholder engagement

Date of project steering committee meeting	4 th October 2022
Stakeholder engagement	<p>Stakeholder involvement was carried out through the Project Inception Workshop, NCC Review Meetings in 2015 and 2016 in Matola and Induction Workshop for GIIBS Members in 2019 in Maputo.</p> <p>Further during the monitoring and supervision visit by the Task Manager feedback meeting involving biosafety stakeholders were held in 2019 and 2022.</p> <p>The Project also organised consultation meetings in collaboration with the MCTESTP and MTA in 2019 - 2022 aimed to identify bottlenecks, assess the level of implementation of the project activities as well as harmonize the common biosafety activities with the main key stakeholders.</p> <p>[section will be uploaded into the GEF Portal]</p>

2.6. Gender

Does the project have a gender action plan?	No
Gender mainstreaming	<p>Activities on capacity building (training of staff and public awareness) relating biosafety issues carried out under the project have targeted mostly (more than 70%) women which are major guardians of biodiversity. This has contributed to empowerment of women through enabling access to adequate information for informed decision with regards to the protection of biodiversity.</p> <p>[section will be uploaded into the GEF Portal]</p>

2.7. Environmental and social safeguards management

Moderate/High risk projects (in terms of Environmental and social safeguards)	No
New social and/or environmental risks	No

Complaints and grievances related to social and/or environmental impacts (to be filled in by TM and EA)	No
Environmental and social safeguards management	<p>The project has not had issues regarding environmental safeguards and implementation of planned activities were following safeguard issues for sustaining and enhancing the environment. It was necessary that continued guidance was availed as activities are implemented in order to safeguard the environment.</p> <p>The GMO detection training activities was carried out in molecular biology laboratory in compliance with safety standards for handling chemicals. The chemicals used in this activity were securely stored in the store room within the molecular laboratory. Implementation of planned activities was done in the controlled environment within the laboratory. In order to minimize contact with the chemicals, the researchers involved had to wear protective clothing such as dustcoats, masks and gloves. The work that generated fumes was done under the fume hood within the laboratory.</p> <p>Covid-19 pandemic posed a big challenge for the implementation of the project's activities due to limitations imposed under the state of the emergency in the country. For example, planned face to face meetings and workshops were no longer possible due to confinement required by the health government guidelines.</p> <p>[section will be uploaded into the GEF Portal]</p>

2.8. Knowledge management

Knowledge activities and products	<p>The following final draft manuals and/or guidelines have been produced: 1) Risk assessment and management; 2) Inspection; 3) Handling requests, monitoring of environmental effects, emergency measures, socio-economic considerations and confined field trials, biosafety communication strategy and a report on assessment of public opinion on GMO.</p> <p>[section will be uploaded into the GEF Portal]</p>
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2.9. Stories to be shared

Stories to be shared	<p>[sec Linking capacity building and development for GMO detection with strengthening science-based decision on biosafety in Mozambique – A success story</p> <p>GMO detection laboratories are critical for science-based decision-making process in the National Biosafety Framework. This project has contributed to capacity building and development on biosafety in Mozambique. Under the project, measures were taken to upgrade infrastructure, purchase state-of-art equipment including Real Time PCRs and a Gene Sequencer and training of laboratory technicians involved in GMO detection. Infrastructure was rehabilitated to ensure unidirectional flow of testing activities, latest testing equipment were installed, staff were trained in use and maintenance of equipment by the service providers and the staff passed proficiency testing for detection and quantification of GMOs. The two laboratories at the National Agriculture Research Institute and the Eduardo Mondlane University are equipped and designated as national laboratories for GMO Testing due to the support of the project.</p>
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	<p>Resources were pooled from 2 related projects which boosted the impact of both projects by building competence and capacity for GMO testing that meet international standards. The sustainability for running the laboratory will be guaranteed by funds generated by charging LMO testing fees required for non-GMO certification to exporters upon requests of the National Biosafety Authority to meet the increasing demand for testing to comply with requirement for exporting non- GMO commodity in particular soya. The installed equipment and human resources especially at the Eduardo Mondlane University are a national resource which became handy to the government of Mozambique in PCR based detection during the COVID crisis. That is a positive result of the project. The Gene sequencer has become a resource that will help in molecular marker assisting breeding and gene-based research which is vital both for conservation and sustainable use of Biological Resources. Thanks to the GEF support – Mozambique has installed capacity for GMO Detection to support national biosafety decision making.</p>
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3. PROJECT PERFORMANCE AND RISK

Based on inputs by the Project Manager, the **UNEP Task Manager**¹ will make an overall assessment and provide ratings of:

- (i) Progress towards achieving the project Results(s)- see section 3.1
- (ii) Implementation progress – see section 3.2

Section 3.3 on Risk should be first completed by the Project Manager. The UNEP Task Manager will subsequently enter his/her own ratings in the appropriate column.

3.1 Rating of progress towards achieving the project outcomes

[copy and paste the CEO Endorsement (or latest formal Revision) approved Results Framework, adding/deleting outcome rows, as appropriate]

Project objective and Outcomes	Indicator	Baseline level	Mid-term target	End-of-project target	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ²
Objective 1: To have a fully functional and responsive regulatory regime in line with CPB and national needs	1. An approved regulatory regime reflecting policies and defining all other NBF components in compliance with CPB and other international obligations	One Draft of NBF developed Legislation related to Biosafety and Biotechnology developed	Final NBF approved; Legislation related to Biosafety and Biotechnology reviewed	Policy on biosafety partially streamlined into biosafety related sectors; Final NBF approved and gazetted; Legislation related to Biosafety and Biotechnology approved and gazetted	Final NBF approved and gazetted; <i>Legislation related to Biosafety and Biotechnology approved and gazetted</i>	S

¹ For joint projects and where applicable ratings should also be discussed with the Task Manager of co-implementing agency.

² Use GEF Secretariat required six-point scale system: Highly Satisfactory (HS), Satisfactory (S), Marginally Satisfactory (MS), Marginally Unsatisfactory (MU), Unsatisfactory (U), and Highly Unsatisfactory (HU).

Project objective and Outcomes	Indicator	Baseline level	Mid-term target	End-of-project target	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ²
	2. Operationalize NBF, Biosafety Regulations and Biosafety Guidelines	Draft Decree on Biosafety Regulations Related to GMOs; Draft Complementing Regulations	Decree No: 71/2014 Containing the Regulations on Biosafety Related to Management of GMOs approved and gazette Final Draft on Complementing Regulations developed	Decree No: 71/2014 Containing the Regulations on Biosafety Related to Management of GMOs approved, gazetted and implemented; Final Complementing Regulations approved and gazetted	Decree No: 71/2014 Containing the Regulations on Biosafety Related to Management of GMOs approved, gazetted and implemented; Final draft on complementing regulations developed	S
	3. Trained experts	10 nationals trained in Biosafety and Biotechnology related fields	3 project staff attended 3 courses in technical, managerial and financial issues 30 nationals trained in Biosafety and Biotechnology related fields	50 nationals trained in Biosafety and Biotechnology related fields	90 nationals trained in Biosafety and Biotechnology related fields	HS
Outcome 1: A1 Regulatory regime in place consistent with CPB and other obligations	1. Compliance with ICCP checklist	Regulatory regime not compliant with CPB	Reviewed Regulatory regime is now compliant with CPB	Regulatory regime is compliant with CPB	Regulatory regime is now compliant with CPB	S

Project objective and Outcomes	Indicator	Baseline level	Mid-term target	End-of-project target	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ²
	2. Compliance with other international obligations	Legal instruments not compliant with international obligations	2 national legal instruments reviewed to comply with international obligations	3 national legal instruments reviewed to comply with international obligations	3 national legal instruments reviewed to comply with international obligations	S
Outcome 2: A2 Regulatory regime fully enforced	1. Manuals/guidelines produced to operationalize regulatory regime	Zero manuals/guidelines for operation	Draft manuals/guidelines developed	4 Manuals/guidelines for inspection, risk assessment, GMO detection guidelines and emergency response developed and published	Final draft manuals/guidelines on risk assessment and management, inspection, handling requests, monitoring of environmental effects, and emergency response produced	S
	2. Mechanism for enforcement of regulatory regime	Not specifically designed for biosafety	Zero mechanism for enforcement regime	A draft mechanism for enforcement of regulatory regime established	A draft mechanism for enforcement of regulatory regime developed	S
	3. Cases of non-compliance	Zero cases of non-compliance	Zero cases of non-compliance	At least one case of non-compliance identified	One application for LMO release into environment rejected due to non-compliance to regulatory regime	S
	4. Inspections carried out according to agreed procedures	No inspection procedures available	No LMO inspection manual available	One LMO Inspection manual developed	Inspection of confined field trials carried out using requirements set out in Decree No: 71/2014 One final draft inspection manual developed	S
	5. Flexible revision mechanism	Zero mechanism	Zero mechanism	One mechanism for revision identified	administrative tribunal identified as proper mechanism for revision of decision	S

Project objective and Outcomes	Indicator	Baseline level	Mid-term target	End-of-project target	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ²
	6. Trained enforcement agencies	Zero trained biosafety inspectors and regulator agents	Zero trained biosafety inspectors and regulator agents	30 inspectors and regulators trained in field related to enforcement	30 inspectors/regulators trained on enforcement	S
Objective 2³ To have fully functional national systems for handling requests	1. Advanced use of BCH	Zero advanced use of BCH	25% increase in use of BCH	50% increase in use of BCH	Increase use of BCH measured by frequency and number of users Three training workshops on BCH carried out jointly the BCH Project	S
	2. Number of decisions made as a result of requests	Zero decisions made	2 Decisions made	At least 5 decisions made	5 Decisions made on applications for LMO confined field trials and release into the environment	S
	3. NBC nominated and in place with clear distinction of responsibilities	Members of NBC not nominated	Zero members of NBC not nominated	100 % of NBC members of NBC nominated with clear responsibilities	NBC has been nominated and clear distinction of responsibilities set out in Rules and Procedures for NBC	S
	4. Available set of procedures for handling requests within time frames.	Zero procedures for handling requests available	Zero procedures for handling requests available	Procedures for handling of requests developed	Final draft of internal manual for internal procedure for handling requests produced	S
Outcome 1 B1. A fully functional risk assessment and risk management system in place	1. National roster of risk assessment experts	Roster of risk assessment experts not available	Roster of risk assessment experts not available	A Roster of Risk Assessment developed	Roster of Risk Assessment experts in development	S
	2. Appointed entity for risk assessment	Entity for risk assessment not appointed	Entity for risk assessment not appointed	1 entity for risk assessment identified	Entity for risk assessment identified	S

³ Add rows if your project has more than 4 objective-level indicators. Same applies for the number of outcome-level indicators.

Project objective and Outcomes	Indicator	Baseline level	Mid-term target	End-of-project target	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ²
	3. Appointed laboratory for GMO detection and equipped with facilities	Laboratory for GMO detection and equipped with facilities not appointed	Laboratory for GMO detection and equipped with facilities not appointed	2 laboratories for GMO detection identified and equipped with facilities	2 laboratories identified and upgraded infrastructure and equipment to meet international standards for GMO detection; They have been designed NBA to carry out GMO detection within the country	S
	4. Rules for appointments of experts and TORs	Rules for appointments of experts and TORs not available	Rules for appointments of experts and TORs not available	Rules for appointments of experts and TORs developed	Rules for appointments of experts and TORs contained in rules and procedure for NBC	S
	5. Agreed procedures for carrying out risk assessment	Procedures for carrying out risk assessment not available	A draft format is under development	Guidelines and a manual for risk assessment produced	Final draft of guidelines and manual for risk assessment produced	S
	6. Trained personnel	Trained personnel not available	3 project staff attend 3 courses in technical, managerial and financial issues	5 trained personnel in fields related to through short courses	3 project staff attended 5 courses in technical, managerial and financial issues	S
	7. Percentage of assessments completed	Zero percentage of assessments completed	50% of Assessments completed	100% of Assessments completed	All applications on confined field trials and release to environment were assessed and decisions have been taken	S
Outcome 2: (describe) B2. A fully functional decision-making system established	1. Number of decisions reviewed on risk assessment	No decisions reviewed on risk assessment	At least 2 decisions on risk assessment reviewed	At least 5 decisions on risk assessment reviewed	5 Decisions on risk Assessment reviewed	S
	2. Clearly defined entity for decision making with clearly defined roles and responsibilities	Entity for decision making with clearly defined roles and responsibilities not defined	One entity for decision making with clearly defined roles and responsibilities appointed	One entity for decision making with clearly defined roles and responsibilities appointed	One entity for decision making with clearly defined roles and responsibilities appointed	S

Project objective and Outcomes	Indicator	Baseline level	Mid-term target	End-of-project target	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ²
	3. Percentage of decisions made	Zero percentage of decisions made	100% of percentage of decisions made	100% of percentage of decisions made	Decisions were made for all applications on confined field trials and release into environment	S
	4. Public consultation in decision making based on Article 23.2 of the CPB	Public consultation in decision making not based on Article 23.2 of the CPB	Public consultation in decision making not based on Article 23.2 of the CPB	100% Public consultation in decision making based on Article 23.2 of the CPB	Public consultation in decision making based on Article 23.2 of the CPB	S
	5. Mechanism to include, where applicable, other issues such as socio-economic considerations in decision making	No mechanism to include, socio-economic considerations in decision making	No mechanism to include, socio-economic considerations in decision making	Procedures on socio economics developed	Final Draft guidelines on socio-economic considerations developed	S
Outcome 3: (describe) B3. A fully functional administrative system established	1.Responsibilities assigned for emergency response, accidental release, illegal movement, transit or for contained use	Responsibilities assigned for emergency response, accidental release, illegal movement, transit or for contained use not available	Under development Responsibilities assigned for emergency response, accidental release, illegal movement, transit or for contained use not available	One entity responsible identified Responsibilities assigned for emergency response, accidental release, illegal movement, transit or for contained use established	First draft guidelines and manual for emergency response produced; Focal point for emergency appointed	S
	2. Compliance with BCH obligations	Non-compliance with BCH obligations	Compliance with BCH obligations	Compliance with BCH obligations	Compliance with BCH obligations	S

Project objective and Outcomes	Indicator	Baseline level	Mid-term target	End-of-project target	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ²
	3. Clear definition of procedures for handling of notification (AIA)----	Clear definition of procedures for handling of notification (AIA) not available	Clear definition of procedures for handling of notification (AIA) established by Decree No.: 71/2014 Containing the Regulations on Biosafety Related to Management of GMOs approved by the Council of Ministers	Clear definition of procedures for handling of notification (AIA) established by Decree No.: 71/2014 Containing the Regulations on Biosafety Related to Management of GMOs approved by the Council of Ministers and internal procedures and manual	Clear definition of procedures for handling of notification (AIA) established by Decree No.: 71/2014 Containing the Regulations on Biosafety Related to Management of GMOs approved by the Council of Ministers and final draft internal procedures and manual	S
	4. Percentage of requests handled	Zero percentage of requests handled	All requests handled	All requests handled	All requests handled	S

Project objective and Outcomes	Indicator	Baseline level	Mid-term target	End-of-project target	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ²
	5. Procedures for handling transport, packaging and identification of GMOs in place	Procedures for handling transport, packaging and identification of GMOs not available	Procedures in for handling transport, packaging and identification of GMOs contained in the Decree No.: 71/2014 Containing the Regulations on Biosafety Related to Management of GMOs approved by the Council of Ministers	Procedures for handling transport, packaging and identification of GMOs established in the Decree No.: 71/2014 Containing the Regulations on Biosafety Related to Management of GMOs approved by the Council of Ministers	Procedures for handling transport, packaging and identification of GMOs established by Decree No.: 71/2014 Containing the Regulations on Biosafety Related to Management of GMOs approved by the Council of Ministers and final draft internal procedures and manual	S

Project objective and Outcomes	Indicator	Baseline level	Mid-term target	End-of-project target	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ²
	6. Procedures for handling of confidential information established	Procedures for handling of confidential information not available	Procedures for handling of confidential information contained in Decree No. 71/2014 Containing the Regulations on Biosafety Related to Management of GMOs approved by the Council of Ministers).	Procedures for handling of confidential information contained in Decree No. 71/2014 Containing the Regulations on Biosafety Related to Management of GMOs approved by the Council of Ministers and internal procedures and manual for handling requests	Procedures for handling of confidential information contained in Decree No. 71/2014 Containing the Regulations on Biosafety Related to Management of GMOs approved by the Council of Ministers and final draft of internal procedures and manual for handling requests produced	S
	7. Decisions made within timeframes of CPB	Decisions not made within timeframes of CPB	2 decisions made within timeframes of CPB	4 decisions made within timeframes of CPB	All decisions made within timeframes of CPB	S
Objective 3⁴ To have a fully functional system for monitoring and enforcement	1. Number of monitoring reports	Guidelines for monitoring reports not available	Guidelines for monitoring reports not available	A draft guideline for reporting developed	Final draft guideline for reporting developed	S
	2. Number of cases for complaints	Zero cases for complaints	Zero cases for complaints	Draft procedures for presentation of complaints developed	Draft procedures for presentation of complaints developed	S

⁴ Add rows if your project has more than 4 objective-level indicators. Same applies for the number of outcome-level indicators.

Project objective and Outcomes	Indicator	Baseline level	Mid-term target	End-of-project target	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ²
	3. Timeliness and quality of reports received	Zero timeliness and quality of reports not yet submitted	Zero timeliness and quality of reports not yet submitted	Draft procedures for quality reporting developed	Draft procedures for quality reporting developed	S
Outcome 1: <i>describe)</i> C1 Strengthened systems for monitoring for environmental effects and enforcement actions	1. Monitoring for environmental effects in place	Monitoring for environmental effects not yet carried out	Monitoring for environmental effects not yet carried out	Draft guidelines and manual for monitoring of environmental effects developed	Final draft guidelines and manual for monitoring of environmental effects developed	S
	2. Enforcement system in place	Enforcement system not established	Enforcement system not established	Enforcement system established	Enforcement system partially established	S
	1. Rules for emergency procedures in place	Rules for emergency procedures not in place	Rules for emergency procedures not in place	Draft guidelines and procedures for emergency response developed	Final draft guidelines and procedures for emergency response developed	S
	2. NBC made known to public	NBC not made known to public	NBC published in the Government Gazette and website	NBC published in the Government Gazette and website	Published in the Government Gazette and website	S
	3. Trained staff able to deal with emergency issues	Trained staff able to deal with emergency issues not available	Trained staff able to deal with emergency issues not available	Trained staff able to deal with emergency issues not available	Staff to be trained after approval of final draft manual and guidelines for emergency issues	S

Project objective and Outcomes	Indicator	Baseline level	Mid-term target	End-of-project target	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ²
	4. Number of trained staff to deal with emergencies	Trained staff able to deal with emergency issues not available	Trained staff able to deal with emergency issues not available	5 Trained staff able to deal with emergency issues	Trained staff able to deal with emergency issues	S
	5. Budget for Emergency Response to mitigate accidental release available	No dedicate budget for Emergency Response to mitigate accidental release	No dedicated budget for Emergency Response to mitigate accidental release	Some portion of government budget allocated to the Emergency Response to mitigate accidental release	Some portion of government budget allocated to the Emergency Response to mitigate accidental release	S
	6. Connection to the other countries via BCH	Connection to the other countries via BCH	10 % increase in connection to the other countries via BCH	50 % in increase in connection to the other countries via BCH	Increase in connection to the other countries via BCH	S
	7. Public educated on warning signals for emergencies and response needed	Public educated on warning signals for emergencies and response not available	Public educated on warning signals for emergencies and response not available	Public educated on warning signals for emergencies and response established	Public educated on warning signals for emergencies and response established	S
	8. Remedial system in place	Remedial system not in place	Remedial system not in place	Draft procedures for remedial system developed	Draft procedures for remedial system being developed	S

Project objective and Outcomes	Indicator	Baseline level	Mid-term target	End-of-project target	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ²
	9. Number of follow-up actions after the emergency case is solved	Number of follow-up actions after the emergency case not solved	Number of follow-up actions after the emergency case not solved	Draft procedures for follow-up actions after the emergency case developed	Procedures for follow-up actions after the emergency contained in the final draft guidelines and manual for emergency response	
Objective 4⁵ To have fully functional systems for public awareness, education, participation and access to information	1. Public participation for Biosafety-related issues part of the sustainable development plan.	No public participation for Biosafety-related issues part of the sustainable development plan.	10 % increase in public participation for Biosafety-related issues part of the sustainable development plan	50% increase in public participation for Biosafety-related issues part of the sustainable development plan	Awareness made during NCC Review Meetings, TELA. OFAB and MCP-ICLT Project Stakeholders Meetings; Final draft produced on assessment on public opinion on GMO produced	S
	2. Topics addressing biosafety included in teaching curricula.	Topics addressing biosafety not included in teaching curricula	Topics addressing biosafety not included in teaching curricula	Three training modules addressing biosafety in teaching curricula developed (one for primary, one for secondary and one for higher education)	Content of teaching curricula addressing biosafety contained in report on assessment of adequacy of education material.	S
	3. Public debate and discussion in media.	2 public debate and discussion in media carried out	8 public debates public debate and discussion in media carried out	12 public debates public debate and discussion in media carried out	20 Public debates public debate and discussion in media carried out	S

⁵ Add rows if your project has more than 4 objective-level indicators. Same applies for the number of outcome-level indicators.

Project objective and Outcomes	Indicator	Baseline level	Mid-term target	End-of-project target	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ²
	4. National BCH operational and continuously updated.	National BCH operational but and continuously updated.	National BCH operational and continuously updated.	National BCH operational and continuously updated.	National BCH operational and continuously updated. 3 training workshops on BCH carried out, authorised users appointed	S
	5. National website for biosafety regularly visited by the public	National website for biosafety not available	National website for biosafety not available	National website for biosafety available and regularly visited by the public	National website for biosafety under development; National Portal for BCH operational	S
	6. Public Awareness strategy developed and executed.	Public Awareness strategy not available	Public Awareness strategy not available	Public Awareness strategy developed, approved by Government and operational	Final draft biosafety communication strategy developed	S
	7. Biosafety mainstreamed into training courses of agricultural, health, customs and other enforcement officers.	Biosafety not mainstreamed into training courses of agricultural, health, customs and other enforcement officers.	Biosafety not mainstreamed into training courses of agricultural, health, customs and other enforcement officers.	Biosafety partially mainstreamed into training courses of agricultural, health, customs and other enforcement officers.	mainstreaming biosafety into training courses of agricultural, health, customs and other enforcement officers is under way	S
Outcome 1: (describe) D1. Strengthened system for public awareness, education and participation in decision making	1. Number of students receiving education on biosafety in higher learning institutions	10 students receiving education on biosafety in higher learning institutions	30 students receiving education on biosafety in higher learning institutions	60 students receiving education on biosafety in higher learning institutions	50 students have already attended short courses on biosafety	S

Project objective and Outcomes	Indicator	Baseline level	Mid-term target	End-of-project target	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ²
	2. Strategies and mechanism for public awareness, education and participation	Strategies and mechanism for public awareness, education and participation not available	Strategies and mechanism for public awareness, education and participation not available	Strategies and mechanism for public awareness, education and participation established	Final draft biosafety communication strategy developed	S
	3. Outreach materials	Outreach materials not available	2 posters developed	10 posters, 10 leaflets, 3 audio-visuals developed	7 posters, 7 leaflets, 1 audio-visual developed	S
	4. Number of public debates, meetings and educational competition	2 public debates held	8 public debates held	12 public debates held	20 public debates held	S
	5. Short and long courses	Short and long courses not undertaken	2 additional short courses undertaken	15 additional short courses undertaken	15 additional short courses undertaken	S
	6. Institution responsible for public awareness identified	Institution responsible for public awareness not available	Institution responsible for public awareness identified	Institution responsible for public awareness identified	Institutions responsible for public awareness identified during Stocking Analysis of NBF	S

3.2 Rating of progress implementation towards delivery of outputs

Outputs/Activities ⁶	Expected completion date ⁷	Implementation status as of 30 June 2022 (%)	Implementation status as of 30 June 2023 (%)	Progress rating justification ⁸ , description of challenges faced and explanations for any delay	Progress rating ⁹
COMPONENT 1:					
Output A: (A fully functional and responsive regulatory regime in line with Cartagena Protocol and national needs and priorities (<i>describe</i> ¹⁰))					
A.1: Stocking analysis of NBF, training needs, existing human resources, laboratory facilities and equipment, research institutions related to biosafety, regulatory entities and emergency response measures (<i>describe</i>)	01/03/2015	100	100	Task accomplished. <i>Report on Stocking analysis of NBF produced, uploaded in Anubis</i>	HS
A2: National consultative Meetings					
Activity A2.1: First PSC meeting for establishment of PSC and approval of its TORs and project dissemination among the PSC members	17/07/2014	100	100	Task accomplished. Meeting report uploaded into Anubis	S
Activity A2.2: Inception Workshop to review and agree on the project work plan	24/09/2014	100	100	Task accomplished. Meeting report uploaded into Anubis	
Activity A2.3: NCC meeting for validation of consultancy report on stocking analysis of the National Biosafety Framework of Mozambique	30/06/2015	100	100	Task accomplished. Meeting report uploaded into Anubis	
Activity A2.4: National Coordinating Committee Review Meeting on NBF	22/12/2015	100	100	Task accomplished. Meeting report uploaded into Anubis	
Activity A2.5: NCC Meeting for Project Mid-term Review	18/11/2016	100	100	Task accomplished. Meeting report uploaded into Anubis. Post Mid Term workplan and budget revised.	
Activity A2.6: Consultation meeting for evaluation of procurement dossiers for refurbishment of IIAM LMO Detection Laboratory	01/11/2018	100	100	Task accomplished. Meeting report uploaded into Anubis	

⁶ Outputs and activities (or deliverables) as described in the project logframe (and workplan) or in any updated project revision.

⁷ The completion dates should be as per latest workplan (latest project revision).

⁸ As much as possible, describe in terms of immediate gains to target groups, e.g. access to project deliverables, participation in receiving services; gains in knowledge, etc.

⁹ To be provided by the UNEP Task Manager

¹⁰ Information on expected date of output completion and progress made is a requirement.

Outputs/Activities ⁶	Expected completion date ⁷	Implementation status as of 30 June 2022 (%)	Implementation status as of 30 June 2023 (%)	Progress rating justification ⁸ , description of challenges faced and explanations for any delay	Progress rating ⁹
Activity A2.7: Consultation meeting for assessment of progress of project activities	07/06/2019	100	100	Task accomplished. Meeting report uploaded into Anubis	
Activity A2.8: First Consultation Meeting on Planning Activities of the Project	17/06/2019	100	100	Task accomplished. Meeting report uploaded into Anubis	
Activity A2.9: Second Consultation Meeting on Planning Activities of the Project	14/08/2019	100	100	Task accomplished. Meeting report uploaded into Anubis	
Activity A2.10: Third Consultation Meeting on Planning Activities of the Project	11/09/2019	100	100	Task accomplished. Meeting report uploaded into Anubis	
Activity A2.11: Fourth Consultation Meeting on Planning Activities of the Project	11/12/2019	100	100	Task accomplished. Meeting report uploaded into Anubis	S
Activity A2.12: Fifth Consultation Meeting on Planning Activities of the Project	24/02/2020	100	100	Task accomplished. Meeting report uploaded into Anubis	S
Activity A2.13: Six Consultation Meeting on Planning Activities of the Project	06/03/2020	100	100	Task accomplished. Meeting report uploaded into Anubis	S
Activity A2.14: Seventh Consultation Meeting on Planning Activities of the Project	30/06/2020	100	100	Task accomplished. Meeting report uploaded into Anubis	S
Activity A2.15: Eight Consultation Meeting on Planning Activities of the Project	31/08/2020	100	100	Task accomplished. Meeting report uploaded into Anubis	S
Activity A2.16: Ninth Consultation Meeting on Planning Activities of the Project	27/11/2020	100	100	Task accomplished. Meeting report uploaded into Anubis	S
Activity A2.17: Tenth Consultation Meeting on Planning Activities of the Project	27/05/2021	0	100	<i>This meeting was able to discuss and approve advanced consultancy reports on inspection, risk assessment, handling requests and public opinion for wider stakeholder consultation</i>	S
Activity A2.18: Eleventh Consultation Meeting on Planning Activities of the Project	07/06/2021	0	100	<i>This meeting approved the approach and MOA between IIAM and RAEIN Africa for procurement for international consultant services</i>	S
A3: Preparation of stocktaking report	01/03/2015	100	100	Task accomplished. Report on Stocking analysis of NBF produced, uploaded in Anubis	HS
A4: National workshop for public consultation on NBF National workshop for public consultation on NBF	30/10/2022	0	100	<i>This task was carried out under coordination of NBC</i>	S
A5: Translation of the NBF and Biosafety Regulations (Printing and distribution)	30/10/2022	0	100	<i>Most guidelines, manuals and Decree 7/2014 on Biosafety translated into English report on public opinion on GMO Portuguese</i>	S

Outputs/Activities ⁶	Expected completion date ⁷	Implementation status as of 30 June 2022 (%)	Implementation status as of 30 June 2023 (%)	Progress rating justification ⁸ , description of challenges faced and explanations for any delay	Progress rating ⁹
A6: Conducting 3 two-day national fora of biosafety related regulatory authorities for sharing experience and information for effective enforcement of the regulatory regime Translation of the NBF and Biosafety Regulations (Printing and distribution)	30/10/2022	0	100	<i>This task was carried out under coordination of NBC</i>	N/A
A7: Reviewing and/or development of National Biosafety Guidelines	30/10/2022	50	100	<i>Final draft guidelines on inspection and confined field trials developed</i>	S
A8: Conducting 3 two-day training workshops for biosafety related regulatory authorities on inspection procedures and related legal issues	31/03/2021	0	100	<i>Task accomplished</i>	S
A9: Assisting in development of rules procedures for the NBC	31/03/2018	100	100	<i>Rules and procedures for NBC developed, translated into English and uploaded into Anubis</i>	HS
Output B: Mozambique has a functional national system for handling requests and decision-making as well as performing or cause to perform risk assessment and management associated to with LMOs, and has a capacity to detect LMOs;					S
B1: Development of training manual on risk assessment and risk management	31/03/2021	50	100	Final draft manual on risk assessment and management developed	S
B2: Preparation of operational manual for GMO inspectorates	31/03/2021	50	100	Final draft inspectorate developed	S
B3: Conducting 2 four-day training workshops for biosafety regulatory personnel on risk assessment and risk management	31/03/2021	0	100	Task accomplished	S
B4: Strengthening and improving necessary facilities for risk assessment and risk management and GMO detection	31/03/2021	50	100	IIAM laboratory upgraded to the recommended spatial layout for LMO detection activities; Adequate equipment for LMO detection purchased and installed, and now functional at IIAM Biotechnology Laboratory and CB-UEM Laboratory	HS
B5: Conducting 3 one-day training workshops for NBC members on handling of requests	31/03/2021	30	100	Task accomplished	S

Outputs/Activities ⁶	Expected completion date ⁷	Implementation status as of 30 June 2022 (%)	Implementation status as of 30 June 2023 (%)	Progress rating justification ⁸ , description of challenges faced and explanations for any delay	Progress rating ⁹
B6: Conducting 3 one-day workshop for identification of socio-economic priorities to be taken into consideration for decision making	30/10/2022	25	100	Final draft guidelines and manual on socio-economic considerations developed	S
B7: Preparation of internal manual on procedures for handling requests of GMOs in Mozambique	31/03/2021	50	100	Final draft manual on procedures for handling requests of GMOs in Mozambique developed	S
B8: Strengthening of the Biosafety Technical Secretariat for handling GMO issues including the capacity for collection of taxes and fees	31/03/2021	50	100	Final draft manual on procedures for handling requests of GMOs in Mozambique produced. Final report on evaluation of system of handling requests GMO developed	S
B9: Conducting 3 one-day training workshop on GMO administrative issues (responsible personnel in the Biosafety Technical Secretariat, NGOs, Private sector)	31/03/2021	30	100	Task accomplished	S
B10: Development of a networking mechanism for cooperation and information exchange/database (among BTS, NGOs, private sector etc.	30/10/2022	25	100	<i>Biosafety communication strategy developed</i>	S
Output C: Mozambique has a functional national system for “follow-up” activities, namely monitoring of environmental effects and enforcement; and (i) Strengthened system for monitoring of environmental effects and inspection (ii) Emergency procedures established and operationalized					
C1: Conducting three 2-day training workshops for inspectors from biosafety related regulatory authorities, custom officers, judiciary officials	31/03/2021	0	100	<i>Task accomplished</i>	S
C2: Purchase of equipment for detection of GMOs (see activity A1 (c))	31/03/2021	50`	100	<i>Adequate equipment for LMO detection purchased and installed, and now functional at IIAM Biotechnology Laboratory and CB-UEM Laboratory</i>	S
C3: Acquisition of GMO inspection facilities (field tool kits) for Biosafety related regulatory authorities	31/03/2021	0	100	<i>All field tool kits for LMO detection purchased and tested</i>	S
C4: Development of GMO testing protocol	30/06/2021	0	100	Protocol developed jointly with MCP-ICLT project and now it is functional. <i>Both IIAM and CB-UEM Biotechnology laboratories passed proficiency testing</i>	HS

Outputs/Activities ⁶	Expected completion date ⁷	Implementation status as of 30 June 2022 (%)	Implementation status as of 30 June 2023 (%)	Progress rating justification ⁸ , description of challenges faced and explanations for any delay	Progress rating ⁹
C5: Conducting 3 -5-day training workshop laboratory technicians from biosafety related regulatory authorities on GMO detection	30/05/2019	100	100	<i>Training Workshop for Laboratory Technicians and Researchers on the Use of Real Time PCR Instrument for GMO Detection</i>	HS
C6: Provide on the job training for officials from different biosafety related regulatory authorities with real case studies to make sure that the monitoring and inspection system is functioning	30/09/2022	0	100	This activity was carried jointly with NBC and NBA ;	N/A
C7: Develop guidelines for monitoring (in cooperation with sector ministries) environmental effects	30/10/2022	25	100	<i>Final draft Guidelines and Manual for monitoring environmental effects of LMOs developed</i>	S
C8: Develop guidelines and rules for emergency cases (including remediation), develop TORs for responsible persons	30/10/2022	25	100	<i>Draft Guidelines and Manual for emergency cases developed.</i>	S
C9: Provide 3 training workshops, 2-day each for emergency operations for all principal actors (including high ranking officials – see risk management)	30/10/2022	25	100	<i>Task accomplished.</i>	S
C10: Maintain an updated inventory of emergency equipment and ensure replacement/procurement of any additional requirements	30/10/2022	25	100	<i>Task accomplished</i>	S
C11: Establish emergency response procedures (hotline etc, contact details, including international ones) for NBC, NBFP and Biosafety related regulatory authorities	30/10/2022	25	100	<i>Task accomplished</i>	S
Output D: Mozambique has a functional national system for public awareness, education, participation and access to information					
D1: Identify agencies responsible institutions for managing public awareness and education campaigns relating to Biosafety	01/03/2015	100	100	<i>Task accomplished. Agencies responsible institutions for managing public awareness and education campaigns relating to Biosafety identified in the report on stocking analysis of NBF</i>	S
D2: Conducting 3 surveys for public opinion	31/03/2021	50	100	<i>Report on public opinion developed</i>	S

Outputs/Activities ⁶	Expected completion date ⁷	Implementation status as of 30 June 2022 (%)	Implementation status as of 30 June 2023 (%)	Progress rating justification ⁸ , description of challenges faced and explanations for any delay	Progress rating ⁹
D3: Preparation of public education and involvement plan together with improved teaching curricular to include issues on Biosafety	30/10/2022	0	100	Content of teaching curricula including biosafety issues developed	S
D4: Development and dissemination of outreach material (e.g., leaflets, Newsletter, Biosafety website)	30/10/2022	10	95	Final draft of the Biosafety Communication strategy developed.	S
D5: Conducting three 1-day awareness raising workshops for parliamentarians, media, NGOs and other stakeholders	30/10/2022	0	100	This task carried out jointly with Open Forum for Biotechnology in Africa (OFAB) Mozambique	S
D6: Organise public debates and meetings including educational competitions or events	30/10/2022	50	100	20 public debates on biotechnology and biosafety organized jointly by GIIBS, OFAB, TeLa Project	S
Output E. Audit report					
E1: Audit	31/10/2021	100	100	Every year annual audit reports submitted and uploaded into Anubis	HS
E2: Mid- term review	05/08/2018	100	100	Midterm reports developed and uploaded into Anubis	S
Output F: Functional project office with dedicate staff					
Activity F1.1. Approval of the PCA	15/05/2014	100	100	PCA approved and uploaded into Anubis	S
Activity F1.2. Appointment of the National Project Coordinator	06/06/2014	100	100	National Project Coordinator nominated, and TORS uploaded into Anubis	S
Activity F1.3. Appointment of the Project Assistant	22/08/2014	100	100	Project Assistant nominated and TORS uploaded into Anubis	S
Activity F1.4. Appointment of the Finance and Administrative officer	06/06/2014	100	100	Finance and Administrative officer nominated, and TORS uploaded into Anubis	S
Activity F1.5. Training of the project staff in technical, managerial and financial issue	16/05/2014	100	100	Task accomplished	S
Activity F2: Project inception and start up	30/09/2014	100	100	Task accomplished; Report uploaded into Anubis	S

4. Risk Rating

4.1 Table A. Project management Risk

Please refer to the **Risk Help Sheet** for more details on rating.

Risk Factor	EA's Rating	TM's Rating
1. Management structure – Roles and responsibilities	L	L
2. Governance structure – Oversight	L	L
3. Implementation schedule	L	L
4. Budget	L	L
5. Financial Management	L	L
6. Reporting	L	L
7. Capacity to deliver	L	L

4.2 Table A. Risk-log

			Risk affecting:												Variation respect to last rating	
	Outcome / outputs	CEO ED	PIR 2015	PIR 2016	MTR 2016	PIR 2017	PIR 2018	PIR 2019	PIR 2020	PIR 2021	MTR	PIR 2022	PIR 2023 (this PIR)	Δ	Justification	
Risk 1 Project Management															<i>This explanation should focus on what changed respect to the previous rating.</i>	
Risk 1.1: Management structure	All Outcomes and outputs	L	L	L	L	L	L	L	L	L		L	L	=	.	
Risk 1.2: Governance structure	All outcomes & outputs	L	L	L	L	L	L	L	L	L		L	L	=		
Risk 1.3 Internal communications	All outcomes & outputs	L	L	L	L	L	L	L	L	L		L	L	=		
Risk 1.4: Workflow Budget	All outcomes & outputs	L	L	L	M	M	M	M	M	M		M	L	=		

Risk 1.5: Co-financing	All outcomes & outputs	L	L	L	L	L	L	L	L	L	=	L	L	=	
Risk 1.6: Budget	All outcomes & outputs	L	L	L	L	L	L	L	L	L	=	L	L	=	
Risk 1.7: Financial management	All outcomes & outputs	L	L	L	L	L	L	L	L	L	=	L	L	=	
Risk 1.8: Reporting	All outcomes & outputs	L	L	L	L	L	L	L	L	L	=	L	L	=	
Risk 1.9: Stakeholder engagement	All Outcomes & Outputs, except Outputs B4, C2 & C3	L	M	M	M	L	L	L	L	L	=	L	L	=	
Risk 1.10: External communications	All outcomes & outputs	L	L	L	L	L	L	L	L	L	=	L	L	=	
Risk 1.11: Short term/long term balance	All outcomes & outputs	L	L	L	L	L	L	L	L	L	=	L	L	=	
Risk 1.12: Science and technological issues	All outcomes & outputs	L	L	L	L	L	L	L	L	L	=	L	L	=	
Risk 1.13: Political influences	All outcomes & outputs	L	L	L	L	L	L	L	L	L	=	L	L	=	
Risk 2. Project context															
Risk 2.1. Political stability	All outcomes & outputs	L	L	L	L	L	L	L	L	L	=	L	L	=	
Risk 2.2. Environmental conditions	All outcomes & outputs	L	L	L	L	L	L	L	L	L	=	L	L	=	
Risk 2.3. Social, cultural and economic factors	Outputs: D1-D6	L	L	L	L	L	L	L	L	L	=	L	L	=	

Risk 2.4. Capacity issues	All outcomes & output	L	L	L	L	L	L	L	L	L	=	L	L	=	
Consolidated project risk		L	L	L	L	L	L	L	L	L	=	L	L	=	

Table B. Outstanding medium & high risks

List here only risks from Table A above that have a risk rating of M or worse in the current PIR

Risk	Actions decided during the previous reporting instance (PIR _{t-1} , MTR, etc.)	Actions effectively undertaken this reporting period	Additional mitigation measures for the next periods		
			What	When	By whom

High Risk (H): There is a probability of greater than 75% that **assumptions** may fail to hold or materialize, and/or the project may face high risks.

Significant Risk (S): There is a probability of between 51% and 75% that **assumptions** may fail to hold and/or the project may face substantial risks.

Medium Risk (M): There is a probability of between 26% and 50% that **assumptions** may fail to hold or materialize, and/or the project may face only modest risks.

Low Risk (L): There is a probability of up to 25% that **assumptions** may fail to hold or materialize, and/or the project may face only modest risks.

Project Minor Amendments

Minor amendments are changes to the project design or implementation that do not have significant impact on the project objectives or scope, or an increase of the GEF project financing up to 5% as described in Annex 9 of the Project and Program Cycle Policy Guidelines.

Please tick each category for which a change occurred in the fiscal year of reporting and provide a description of the change that occurred in the textbox. You may attach supporting document as appropriate.

5.1 Table A: Listing of all Minor Amendment

- ☐ Results framework
- ☐ Components and cost
- ☐ Institutional and implementation arrangements
- ☐ Financial management
- ☒ Implementation schedule
- ☐ Executing Entity
- ☐ Executing Entity Category
- ☐ Minor project objective change
- ☐ Safeguards
- ☐ Risk analysis
- ☐ Increase of GEF project financing up to 5%
- ☐ Co-financing
- ☐ Location of project activity
- ☐ Other

[\[Annex document linked to reported minor amendment\]](#)

Minor amendments	<p><i>[Provide a description of the change that occurred in the fiscal year of reporting]</i></p> <p><i>Project extension was granted to mitigate the effect of Covid 19 Pandemics</i></p>
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5.2 Table B: History of project revisions and/or extensions

Version	Date	Main changes introduced in this revision
Rev 0 (CEO ED)	9/01/2014	
Rev 1	22/04/2019	Revised workplan and budget to address challenges with procurement of goods and services
Rev 2	14/07/2020	Project Workplans revised to enable execution of delayed project activities due to COVID 19
Rev 3 (latest version)	05/10/2021	Project Workplans revised to enable execution of delayed project activities due to COVID 19

GEO Location Information:

The Location Name, Latitude and Longitude are required fields insofar as an Agency chooses to enter a project location under the set format. The Geo Name ID is required in instances where the location is not exact, such as in the case of a city, as opposed to the exact site of a physical infrastructure. The Location & Activity Description fields are optional. Project longitude and latitude must follow the Decimal Degrees WGS84 format and Agencies are encouraged to use at least four decimal points for greater accuracy. Users may add as many locations as appropriate. Web mapping applications such as [OpenStreetMap](#) or [GeoNames](#) use this format. Consider using a conversion tool as needed, such as: <https://coordinates-converter.com> Please see the Geocoding User Guide by clicking [here](#)

Location Name Required field	Latitude Required field	Longitude Required field	Geo Name ID Required field <u>if</u> the location is not an exact site	Location Description Optional text field	Activity Description Optional text field
Maputo, Mozambique	-25.5000	32.3333	Maputo		

Please provide any further geo-referenced information and map where the project interventions is taking place as appropriate. *

[\[Annex any linked geospatial file\]](#)

[Please provide any further geo-referenced information and map where the project interventions is taking place as appropriate]