



## Project Implementation Report

(1 July 2022 – 30 June 2023)

Project Title:	<i>Accelerating cleantech innovation and entrepreneurship in SMEs to support the transition towards circular economy and create green jobs</i>
GEF ID:	<i>10456</i>
UNIDO ID:	<i>190144</i>
GEF Replenishment Cycle:	<i>GEF-7</i>
Country(ies):	<i>South Africa</i>
Region:	<i>AFR - Africa</i>
GEF Focal Area:	<i>Climate Change Mitigation (CCM)</i>
Integrated Approach Pilot (IAP) Programs <sup>1</sup> :	<i>IF applicable, please select: IAP – Commodities, IAP – Cities or IAP – Food Security</i>
Stand-alone / Child Project:	<i>Child Project of Global Cleantech Innovation Programme (GCIP) to accelerate the uptake and investments in innovative cleantech solutions (10408)</i>
Implementing Department/Division:	<i>ENE / CTI</i>
Co-Implementing Agency:	<i>n/a</i>
Executing Agency(ies):	<i>Technology Innovation Agency, Industrial Development Corporation (IDC)</i>
Project Type:	<i>Full-Sized Project (FSP)</i>
Project Duration:	<i>60 months</i>
Extension(s):	<i>None</i>
GEF Project Financing:	<i>\$3,236,525</i>
Agency Fee:	<i>\$ 291,287</i>
Co-financing Amount:	<i>\$18,086,000</i>
Date of CEO Endorsement/Approval:	<i>11/3/2021</i>
UNIDO Approval Date:	<i>11/19/2021</i>
Actual Implementation Start:	<i>12/31/2021</i>
Cumulative disbursement as of 30 June 2023	<i>\$ 930,975.81</i>
Mid-term Review (MTR) Date:	<i>7/31/2024</i>
Original Project Completion Date:	<i>12/31/2026</i>
Project Completion Date as reported in FY22:	<i>N/A</i>

<sup>1</sup> Only for GEF-6 projects, if applicable

Current SAP Completion Date:	11/3/2026
Expected Project Completion Date:	11/3/2026
Expected Terminal Evaluation (TE) Date:	10/1/2026
Expected Financial Closure Date:	6/30/2027
UNIDO Project Manager <sup>2</sup> :	Olga Rataj

## I. Brief description of project and status overview

Project Objective
<p><i>The Global Cleantech Innovation Programme's objective is to Identify and support innovative cleantech solutions from developing countries through business acceleration and investment facilitation services specifically designed for cleantech companies operating in the developing country context.</i></p> <ul style="list-style-type: none"> <li>• <i>Component 1: Identifying, fostering, and developing cleantech innovations and businesses.</i></li> <li>• <i>Component 2: Ecosystem connectivity, policy and institutional framework strengthening</i></li> <li>• <i>Component 3: Monitoring and evaluation and project coherence and coordination with other partner countries.</i></li> </ul>

Baseline
<p><i>In 2011, the United Nations Industrial Development Organization (UNIDO), with the support of the Global Environment Facility (GEF) and the Government of South Africa, successfully implemented the "Greening the COP17" project. One of the four components of the project focused on the design and implementation of the first South Africa Clean Technology Competition (2011 SA Cleantech) for green entrepreneurs with innovative ideas and concepts. This success of the 2011 SA Cleantech encouraged the project expansion into the Global Cleantech Innovation Programme (GCIP) for SMEs, simultaneously implemented in Armenia, India, Malaysia, Pakistan, Turkey, and South Africa in 2014. The GCIP takes a competition-based approach to identify a pool of promising entrepreneurs and support them through ongoing mentoring, webinars, and networking events to grow their innovative ideas and concepts into fully-fledged products and services ready for entering the national and global markets.</i></p> <p><i>The need for South Africa to foster innovation and research on economic (as opposed to socio-ecological) grounds alone is highlighted by South Africa's relatively low position in the Global Innovation Index (60 of 131), the Knowledge Economy Index (67 of 144) and the Global Competitiveness Index (60 of 141).</i></p> <p><i>In addition, innovation in cleantech has the potential to help South Africa, as the country with the largest carbon emissions profile in Africa, to achieve its policy commitment to transition away from its legacy of fossil-fuel-powered development that produce harmful environmental, social, and economic conditions.</i></p> <p><i>Building on the success and the lessons learned within GCIP in the first 5 years, and, in South Africa, as</i></p>

<sup>2</sup> Person responsible for report content

*well as considering the increased need to accelerate the pace of cleantech innovation, UNIDO together with its counterparts has developed this project. The project is in line with the GEF's Climate Change Mitigation Focal Area Strategy under the GEF-7 Programming Directions and the GEF Private Sector Strategy. It is also fully aligned with key national priorities of the Republic of South Africa as well as UNIDO's mandate to promote inclusive and sustainable industrial development (ISID).*

Please refer to the explanatory note at the end of the document and select corresponding ratings for the current reporting period, i.e. FY2x. Please also provide a short justification for the selected ratings for current FY.

In view of the GEF Secretariat's intent to start following the ability of projects to adopt the concept of adaptive management<sup>3</sup>, Agencies are expected to closely monitor changes that occur from year to year and demonstrate that they are not simply implementing plans but modifying them in response to developments and circumstances or understanding. In order to facilitate with this assessment, please introduce the ratings as reported in the previous reporting cycle, i.e. FY2x (previous), in the last column.

Overall Ratings <sup>4</sup>	FY23(current)	FY22(previous)
Global Environmental Objectives <b>(GEOs)</b> / Development Objectives <b>(DOs)</b> Rating	<i>Moderately Satisfactory (MS)</i>	<i>N/A</i>
<p><i>There has been a lack of internal personnel resources to carry out all the project activities successfully. The NPEE, TIA, has at the end of Q2 2023 recruited the necessary personnel to help the project get back on track.</i></p> <p><i>The second NPEE, IDC, has informed that they will not proceed with the execution of the project and a new NPEE is to be assigned.</i></p>		
Implementation Progress <b>(IP)</b> Rating	<i>Moderately Unsatisfactory (MU)</i>	<i>N/A</i>
<p><i>There has been a lack of internal personnel resources to carry out all the project activities successfully. The NPEE, TIA, has at the end of Q2 2023 recruited the necessary personnel to help the project get back on track.</i></p> <p><i>The second NPEE, IDC, has informed that they will not proceed with the execution of the project and a new NPEE is in the process of being assigned.</i></p>		
Overall Risk Rating	<i>Moderate Risk (M)</i>	<i>N/A</i>

<sup>3</sup> Adaptive management in the context of an intentional approach to decision-making and adjustments in response to new available information, evidence gathered from monitoring, evaluation or research, and experience acquired from implementation, to ensure that the goals of the activity are being reached efficiently.

<sup>4</sup> Please refer to the explanatory note at the end of the document and assure that the indicated ratings correspond to the narrative of the report

<p><i>There is a probability that the project will have to be extended due to delays in executing project activities. A new NPPEE will need to be assigned to replace IDC.</i></p>		

## II. Targeted results and progress to-date

Please describe the progress made in achieving the outputs against key performance indicator's targets in the project's **M&E Plan/Log-Frame at the time of CEO Endorsement/Approval**. Please expand the table as needed.

*Please see annex 10456\_KPI and Targets.*

## III. Project Risk Management

1. Please indicate the overall project-level risks and the related risk management measures: (i) as identified in the CEO Endorsement document, and (ii) progress to-date. Please expand the table as needed.

	(i) Risks at CEO stage	(i) Risk level FY 22 (previous)	(i) Risk level FY 23 (current)	(i) Mitigation measures	(ii) Progress to-date	New defined risk <sup>5</sup>
1	Institutional risk.  Lack of absorptive capacity by the national	low	low	Capacity building of TIA will be an ongoing process throughout the project implementation period to ensure that staff are comprehensively trained,	PMU trainings and train the trainer trainings attended with UNIDO (please the Section VIII Implementation progress for list of	<input type="checkbox"/>

<sup>5</sup> New risk added in reporting period. Check only if applicable.

	counterpart			and sustainability of the programme is ensured. TIA has been running a GCIP Accelerator since GCIP supported under GEF 5 and so has demonstrated capacity.	trainings).	
2	<p>Institutional Risk.</p> <p>Insufficient administrative and organizational capacity of the supporting PEE (TIA and IDC) for successful execution of the project.</p>	low	moderate	<p>As a risk mitigation measure, an organizational assessment (a micro assessment under the Harmonized Approach to Cash Transfers framework) was conducted during PPG phase to evaluate potential execution risks. The results showed the risk assessment to be “low” in all tested subject areas.</p> <p>Project audits will be carried out by independent auditors.</p>	No additional progress for TIA FY23 to report. IDC has left the project and a new entity is being identified.	<input type="checkbox"/>
3	<p>Institutional Risk.</p> <p>Insufficient technical capacity of the PEE for successful execution of the project.</p>	low	moderate	<p>TIA was nominated by the GEF OFP in consultation with key stakeholders as the most appropriate national agency to execute the project. In addition, it has already accumulated relevant experience and expertise through GEF-6 GCIP 1 and therefore it is assumed that it has the pertinent mandate and technical capacity for successful achievement of</p>	No additional progress for TIA FY23 to report. IDC has left the project and a new entity is being identified.	<input type="checkbox"/>

				the project objective and associated outputs and activities.		
4	Institutional Risk. Lack of effective coordination between various project partners.	low	low	Proper coordination will be ensured through the establishment of the Project Steering Committee (PSC) and ad-hoc working groups will be formed if necessary. TIA already has formal and informal links with the proposed project partners.	PSC has been established and one PSC meeting has been held to coordinate between key stakeholders.	<input type="checkbox"/>
5	Operational Risk. On-going global restrictions due to global shocks (e.g., COVID-19)	low	low	Some of the support is intended to be face to face. However, if this is not possible due to travel and/or group meeting restrictions then the training/events will be organized on-line with the aim of providing an experience as close as possible to the physical events, with side events and one to one meetings are also possible.	COVID 19 restrictions have been lifted in South Africa.	<input type="checkbox"/>
6	Sustainability Risk. Lack of ownership of project results and inability to source funding to continue the activities in the medium and	low	low	TIA has already shown its ability to commit to and continue GCIP after the GEF funded project. The same approach will be used again for TIA and its hub partners. Sustainability is mainstreamed through the project with exit strategies developed early on which will identify the	No additional progress for FY23 to report.	<input type="checkbox"/>

	long term.			management and financing of the accelerator and ecosystem more generally. TIA is in a good position to access further private and public sector support		
7	Market risk. Lack of interest by entrepreneurs and other stakeholders to participate to GCIP SA	moderate	moderate	<p>Outreach activities will be a key component of the project, in the lead-up to the opening of applications and throughout the programme to attract applicant entrepreneurs, potential sponsors and partners, and mentors and judges. To ensure a high quality of publicity, a clear and concise communication strategy will be developed and implemented.</p> <p>Mentors and judges will be identified through a properly prepared process and their roles, responsibilities and benefits will be determined and made widely known at an early stage of project implementation. GCIP alumni will be recruited where appropriate and a stipend is proposed, following feedback from the first phase, to ensure active engagement. Close cooperation with the executing agency and</p>	<p>Lack of responses/few responses to the call was a risk identified as a substantial risk. Head of Enterprise Development in TIA has been engaging low visibility provinces through radio interviews. Marketing is also taking place on other media platforms such as social media. This will be an on-going activity.</p>	<input type="checkbox"/>

				<p>project counterparts will also be sought to help mitigate this risk, allowing the project to make use of existing communication channels and relationships.</p> <p>The proposed project will also make use of the success of GCIP funded under GEF 5 to promote the benefits of the programme and raise awareness</p>		
8	<p>Political Risk.</p> <p>Lack of political support to mainstream innovative cleantech.</p>	low	low	<p>The project has strong support from the South African government and different departments have been involved in the design of the project.</p>	<p>Government linkages have been established through government department representatives participating in the PSC, with the chair being from the Department of Science and Innovation.</p>	
9	<p>Market Risk.</p> <p>Failure of businesses supported by GCIP SA</p>	moderate	moderate	<p>Selection of participants will be based on eligibility criteria included in the GCIP South Africa guidebooks which will include criteria on market potential and likelihood to succeed. Using the GCIP methodology will also provide innovators and entrepreneurs with the skills required to develop and commercialize their innovations. GCIP support provides intensive training, mentoring as well as</p>	<p>The GCIP Accelerator Guidebook is to be adapted to the national circumstances.</p>	<input type="checkbox"/>



				<p>technology and business model validation to ensure adequate understanding of customer segment and the market to increase commercial success rates. High-impact innovations are selected, validated, and provided with advanced business growth support to access funding as well as organisational capacity for scaling-up.</p>		
10	<p>Financing Risks. Incentive and financial support system are insufficient.</p>	low	high	<p>The promotion and outreach activities will include financing institutions, venture capitalists and angel investors as a key target group. The transfer of a branded and recognized model such as GCIP, and the direct involvement of renowned global project execution entities in the national execution of the project, aims to build stronger confidence of national and international venture capitalists and investors in the clean energy technology innovation investments proposed by GCIP South Africa. A key part of the project is the establishment of a financing facility for innovative cleantech. The facility will be</p>	<p>IDC will no longer execute the project as a NPEE. A new NPEE is to be assigned to manage the investment fund.</p>	<input type="checkbox"/>

				<p>managed by IDC and GCIP alumni will be mentored to make successful applications to this facility. The project will facilitate access for GCIP South Africa alumni enterprises to financial mechanisms and government grant programmes for SME development and technology modernization and innovation (e.g., TIA's Seed Finance or Technology Development Fund, SEDA finance and other IDC mechanisms). The PSC will include at least 1 representative of financing institutions and investors.</p>		
11	Social and Gender Risks.	low	low	<p>To ensure gender inclusiveness of all project activities, UNIDO methodology for gender assessment and gender responsive communication showing the benefits of gender equality for both women and men will be applied. To mainstream women and youth entrepreneurship, adequate and gender responsive communication strategy will be implemented, and sensitization workshops will be organized. A full gender</p>	<p>A gender responsive communication strategy is to be carried out in Y2.</p>	<input type="checkbox"/>

				analysis was carried out and its recommendations were incorporated into the project design.		
12	Climate Change Risks.	low	low	<p>There is no climate change risk foreseen for the achievement of the project's objectives: South Africa is vulnerable to climate variability and change because of its rural dependency on agriculture. Future climate changes are likely to see temperature increases, an increase in the number of extreme weather events such as droughts and floods and severe storms. These effects are not likely to have an impact on this project which aims to support cleantech innovation. The extent to which climate change affects the outputs and outcomes of the project will depend on the cleantech innovations supported as part of the project. Possible impacts of climate change could relate to cleantech innovation dependent on biomass or water supplies whose raw material is affected. There are also climate change impacts that</p>	<p>An impact hypothesis has been conducted by all the entrepreneurs applying to the 2023 Accelerator to screen and select the solutions with the highest the climate and environmental impact.</p>	<input type="checkbox"/>

				<p>could affect any SME such as through logistic disturbances, disruptions to production, effects to working conditions or to the market, increased utility prices and costs for insurance, finance, or imports. To safeguard against climate change risks the screening of technologies for selection for GCIP support will include an assessment of the climate risks, over the next 30 years, and where a risk is identified it will be necessary for the SME/entrepreneur to propose suitable adaptation or management measures. Climate risk will be included in the E&amp;S criteria. GIZ's Climate Expert could be used as one tool available to entrepreneurs. Once selected the alignment of proposed technologies will continue to be reviewed against local climate risks, as part of the support provided within the accelerator.</p>		
13	Environmental Risks	low	low	<p>It is recognized that some technologies that could potentially be supported by the GCIP SA, such as the</p>	<p>An impact hypothesis has been conducted by all the entrepreneurs applying to the 2023</p>	

				<p>use of block chain, could lead to major GHG emissions, unless powered entirely by renewable energy. Similarly, technologies related to energy storage can have harmful environmental impacts if not managed effectively. Therefore, any cleantech innovation supported by the GCIP SA will need to meet strict environmental screening criteria. In addition, an Environmental and Social Management Plan (ESMP) was prepared to mitigate the environmental (and social) risks.</p>	<p>Accelerator to screen and select the solutions with the highest the climate and environmental impact.</p>	
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2. If the project received a sub-optimal risk rating (H, S) in the previous reporting period, please state the actions taken since then to mitigate the relevant risks and improve the related risk rating. Please also elaborate on reasons that may have impeded any of the sub-optimal risk ratings from improving in the current reporting cycle; please indicate actions planned for the next reporting cycle to remediate this.

N/A

3. Please indicate any implication of the **COVID-19** pandemic on the progress of the project.

*COVID-19 restrictions have been lifted in South Africa.*

4. Please clarify if the project is facing delays and is expected to request an **extension**.

*There is a risk of delays, and an extension of the project may be handed in due to:*

- *There has been a lack of personnel resources in the first NPEE, TIA, to carry out all the project activities. TIA has in the end of Q2 2023 recruited additional required personnel to help the project get back on track.*

- The second NPÉE, IDC, has informed that they will not proceed with the execution of the project and a new NPÉE is to be assigned.

*The risk of a possible project extension will be discussed and decided upon in the upcoming PSC-meeting.*

5. Please provide the **main findings and recommendations of completed MTR**, and elaborate on any actions taken towards the recommendations included in the report.

*The project has not gone through a Mid-Term Review yet.*

#### IV. Environmental and Social Safeguards (ESS)

1. As part of the requirements for **projects from GEF-6 onwards**, and based on the screening as per the UNIDO Environmental and Social Safeguards Policies and Procedures (ESSPP), which category is the project?

☐ Category A project

☒ Category B project

☐ Category C project

(By selecting Category C, I confirm that the E&S risks of the project have not escalated to Category A or B)

Please expand the table as needed.

	E&S risk	Mitigation measures undertaken during the reporting period	Monitoring methods and procedures used in the reporting period
(i) Risks identified in ESMP at time of CEO Endorsement	Increasing GHG emissions from cleantech supported	Strict E&S screening criteria for cleantech supported	Every application for support from Accelerator and Post-Accelerator will be assessed against strict E&S screening criteria. The E&S assessment will be conducted by an E&S expert. Where necessary, the entrepreneurs will be offered

			<p>guidance on how to maximize the net positive impacts of their cleantech (i.e. to minimize the negative impacts and maximize the positive impacts). In the case of negative impacts, mitigation measures will need to be proposed by the entrepreneurs. If the mitigation measures are assessed as insufficient by the E&amp;S expert, the cleantech will not be supported by GCIP.</p>
	<p>Unintended harmful environmental impacts from hazardous materials used in cleantech</p>	<p>Strict E&amp;S screening criteria for cleantech supported</p>	<p>Every application for support from Accelerator and Post-Accelerator will be assessed against strict E&amp;S screening criteria. The E&amp;S assessment will be conducted by an E&amp;S expert. Where necessary, the entrepreneurs will be offered guidance on how to maximize the net positive impacts of their cleantech (i.e. to minimize the negative impacts and maximize the positive impacts). In the case of negative impacts, mitigation measures will need to be proposed by the entrepreneurs. If the mitigation measures are assessed as insufficient by the E&amp;S expert, the cleantech will not be supported by GCIP.</p>
	<p>Unintended pollution / waste disposal from cleantech</p>	<p>Strict E&amp;S screening criteria for cleantech supported</p>	<p>Every application for support from Accelerator and Post-Accelerator will be assessed</p>

	supported		against strict E&S screening criteria. The E&S assessment will be conducted by an E&S expert. Where necessary, the entrepreneurs will be offered guidance on how to maximize the net positive impacts of their cleantech (i.e. to minimize the negative impacts and maximize the positive impacts). In the case of negative impacts, mitigation measures will need to be proposed by the entrepreneurs. If the mitigation measures are assessed as insufficient by the E&S expert, the cleantech will not be supported by GCIP.
	SMEs/Entrepreneurs lack the capacity/awareness to properly identify and mitigate the E&S risks related to their cleantech	E&S impact assessment training	Judges and mentors will be trained by E&S experts to identify potential E&S risks and will provide mentoring and training on mitigation to SMEs. If necessary additional E&S expertise will be called upon.
	Cleantech innovations do not deliver the pledged impacts	Impact monitoring	The judges and mentors will include technical experts in the relevant field. Support provided will include maximizing environmental benefits and associated training. Stringent monitoring of innovations will be carried out post-GCIP support. There will be an ongoing monitoring of impacts by entrepreneurs, and the monitoring results will be verified



			by GCIP experts
	SMEs/Entrepreneurs do not comply with national regulations on product safety, working conditions, and health and safety at workplace	Strict Compliance E&S screening criteria	Compliance check as part of E&S screening. Mentors with expertise on national regulation requirements to support SMEs/entrepreneurs in quality/safety standards. Stringent monitoring of innovations will be carried out post-GCIP support
	Low participation rates of women and youth	Gender mainstreaming and social safeguarding	Gender mainstreaming will include thorough and gender responsive communication and ensure stakeholder involvement at all levels, with special regard to involving women and men, as well as civil society and non-governmental organizations promoting gender equality. Targets will be set and specific women only prizes considered. This shall mitigate social and gender related risks, promote gender equality, and maximize the potential contribution of the project to improving gender equality in the cleantech field.
	Increase in carbon emissions due to travel, meetings, training and events	Advice and training Alternative solutions	Advice and training will be provided to all stakeholders involved in the project on how to minimize their carbon footprints. Also, the use of public transport will be promoted, and environmentally friendly venues will be selected. Where possible, physical meetings will be

			replaced with webinars.
	Climate change risks that may affect the entrepreneurs supported	Strict E&S screening criteria and assessment of climate risks with long term effects	Every application for support from the accelerator and post-acceleration support will need to meet strict criteria including an assessment of climate risks, which will be assessed by an expert. Where necessary, expertise will be used to help the entrepreneurs to develop adaptation or management strategies. The alignment of proposed technologies will be regularly reviewed against local climate risks, as part of the support provided within the accelerator.
	COVID-19 related health risks	None	Monitoring status of Covid-19 and possibility of new outbreak in the country.
(ii) New risks identified during project implementation (if not applicable, please insert 'NA' in each box)	N/A	N/A	N/A

## V. Stakeholder Engagement

1. Using the previous reporting period as a basis, please provide information on **progress, challenges and outcomes** regarding engagement of stakeholders in the project (based on the Stakeholder Engagement Plan or equivalent document submitted at CEO Endorsement/Approval).

*A call was issued to engage organizations to collaborate with GCIP-SA. Several organizations have expressed their interest in supporting GCIP-SA's cleantech entrepreneurship activities. Key organizations that TIA has on-going discussions with include: Empire Partner Foundation, Snake Nation, African Chamber of Regenerative Networks (ACORN) and Hippocampus Education.*

2. Please provide any feedback submitted by national counterparts, GEF OFP, co-financiers, and other partners/stakeholders of the project (e.g. private sector, CSOs, NGOs, etc.).

*The project has received a letter of intent from the Empire Partner Foundation. The letter stipulates the intention to partner with TIA as an implementation partner for GCIP-SA. Their role (proposed) would include Pre-accelerator support, Accelerator programs and post-accelerator support.*

*Snake Nation expressed an intention to collaborate & actively participate by proposing the following activities & initiatives:*

- *Creation of a CleanTech-themed creative economy challenge linked to art, music and culture*
- *CleanTech Student Societies (Ecosystem).*
- *Technology-driven educational workshops.*
- *Campus sustainability campaigns.*
- *CleanTech Student and Youth Summit.*

*African Chamber of Regenerative Networks (ACORN) also expressed interest to collaborate with TIA as an implementation partner. This will be done through the following:*

- *Provision of valuable networking opportunities.*
- *Investment facilitation.*
- *Marketing & exhibition platforms.*

*An expression of interest was also submitted by Hippocampus Education. Hippocampus Education leverages technology and data to revolutionize the teaching and learning experience for learners and teachers in High Schools, TVETs & Skills Development, as well as universities.*

3. Please provide any **relevant stakeholder consultation** documents.

- 10456\_2022 National Academy Attendance Registers
- 10456\_2022 Pre accelerator Attendance
- 10456\_Letters of Intent
- 10456\_PSC Minutes
- 10456\_Attendance Register of PSC
- 10456\_PSC Agenda
- 10456-Withdrawal letter IDC

## VI. Gender Mainstreaming

1. Using the previous reporting period as a basis, please report on the **progress** achieved **on implementing gender-responsive measures** and **using gender-sensitive indicators**, as documented at CEO Endorsement/Approval (in the project results framework, gender action plan or equivalent),.

*Gender action plan is in development. Gender-disaggregated data has been collected for the activities conducted up to now.*

*Eight out of thirty-three (24%) women innovators were selected in the GCIP-SA Accelerator 2022.*

*Three out of twelve (25%) GCIP-SA finalist were women.*

*Two TIA staff members (100% women) were trained on GCIP methodology*

*One special award was provided for a women-led business.*

*Two alumni (50% women) attended COP 27.*

## VII. Knowledge Management

1. Using the previous reporting period as a basis, please elaborate on any **knowledge management activities / products**, as documented at CEO Endorsement / Approval.

*TIA has been utilising tools such as Airmeet to increase visibility and knowledge on GCIP and other initiatives. Below is a link utilised to access a hybrid summit.*

*<https://www.airmeet.com/e/fbc7ab60-d148-11ec-8513-3db3bd6b21d8>*

2. Please list any **relevant knowledge management mechanisms / tools** that the project has generated.

- Airmeet platform GCIP-SA  
<https://www.airmeet.com/e/c18fdcf0-983d-11eb-bec4->

[6f5771a1ac81?&dl=YXJlbnEuYm9vdGqvNjA3ZmVjYmMzZTk2NjE2MzA0ZDhlMmRi](https://www.dropbox.com/scl/fo/nbsecbtrbws7eu4vi3ezv/h?rlkey=9tcibnt8vx0i7lci_aupnh2k59&dl=0)

- Video and pictures GCIP Awards Link

[https://www.dropbox.com/scl/fo/nbsecbtrbws7eu4vi3ezv/h?rlkey=9tcibnt8vx0i7lci\\_aupnh2k59&dl=0](https://www.dropbox.com/scl/fo/nbsecbtrbws7eu4vi3ezv/h?rlkey=9tcibnt8vx0i7lci_aupnh2k59&dl=0)

<https://www.dropbox.com/s/c4282h8d5dn2vyb/Gcip%20Highlight%20v2.mp4?dl=0>

- Link to project websites, videos, publications: <https://www.tia.org.za/>, <https://www.theinnovationhub.com/>, <https://greencape.co.za/>, <https://www.greenyouthindaba.co.za/>, <https://www.sais.co.za/>, <https://www.saasta.ac.za>,
- 10456\_iMvelisi Just Hackathon - Implementation Report\_Final10456\_GCIP Report\_Impact Economic Study - JULY\_2022\_Breaking the Chains

## VIII. Implementation progress

1. Using the previous reporting period as a basis, please provide information on progress, challenges and outcomes achieved/observed with regards to project implementation.

*The Project Executing Agreement (PEA) was duly countersigned in June 2022, and the PEE had prepared the Inception Report for Year 1, including annual work plan, budget, and procurement plan after the signed PEA.*

*Senisha Moonsamy and two GCIP alums Sandiswa Qayi, Managing Director, AET Africa, and Chris Thorpe, Sales Manager, Inseco participated in GCIP's launch in November 2022 at the COP 27 in Egypt.*

*As part of the preparation for the GCIP Acceleration program in 2022, GCIP South Africa reviewed and adopted the GCIP pre-acceleration and main accelerator guidebooks. GCIP South Africa conducted a joint Pre-Accelerator in July 2022 with Nigeria to engage early-stage entrepreneurs, in which a total of 135 participants attended from both countries (including NGIN and UNIDO participants). 32 Semi-finalists were shortlisted for the Accelerator programme of which 2 did not attend the National Academy. 20 semi-finalists that completed the programme pitched at the final judging. 12 finalists were announced on 20 December 2022. A national gala dinner and awards ceremony took place on 17 March 2023 in which the 12 finalists were provided grants.*

*Regarding internal capacity building activities for the PEE on sustainability, collaboration and strengthening of skills, the PEE attended the following initiatives:*

- GCIP Branding, Communication and Outreach training, provided by UNIDO in January 2023.
- Webinar Training of the Global Cleantech Innovation Programme (GCIP) Impact Assessment Framework, provided by UNIDO, in March 2023.
- Impact Hypothesis Training for Judges and Juries, provided by UNIDO in May 2023.
- GCIP Operational Guidelines Workshop, provided by UNIDO, in January, May and June 2023.
- GCIP Gender sensitization training in June 2023.

2. Please briefly elaborate on any **minor amendments**<sup>6</sup> to the approved project that may have been introduced during the implementation period or indicate as not applicable (NA).

	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 Activities	
	Others	


3. Please provide progress related to the **financial implementation** of the project.

*Please see annexes.*

## IX. Work Plan and Budget

1. Please provide **an updated project work plan and budget** for the remaining duration of the project, as per last approved project extension. Please expand/modify the table as needed.

*Please see annexes.*

 <b>GRANT DELIVERY REPORT</b>	Grant:	2000004354	Grant Status:	Closed	Grant Validity:	26.03.2020 - 31.08.2022
	Sponsor:	400150 - GEF - Global Environment Facility	Currency:	USD	Reporting Period:	26.01.2020 - 30.06.2023
	Other Reference:	10456-U3-PP-PP-GR-01	Fund:	GF	Prepared on:	19.07.2023
Project	Project Description	Country	Region	Project Manager		Project Validity
190144	ACCELERATING CLEANTECH INNOVATION AND ENTREPRENEURSHIP IN SMES TO SUPPORT TRANSITION TOWARDS A CIRCULAR ECONOMY AND CREATE GREEN JOBS IN SOUTH AFRICA	South Africa	Africa	Olga Rataj		01.01.2020 - 03.11.2026

Funds Available											
	Description	Released Budget Current Year (a)	Obligations Current Year (b)	Disbursements Current Year (c)	Expenditures Current Year (d=b+c)	Total Agreement Budget (e)	Released Budget (f)	Obligations + Disbursements (g)	Funds Available* (h=f-g)	Support Cost (i)	Total Expenditures (j=g+i)
2000004354		USD	USD	USD	USD	USD	USD	USD	USD	USD	USD
1100	Staff & Intern Consultants	0.00	0.00	0.00	0.00	11,824.56	11,824.56	1,278.17	10,546.39	0.00	1,278.17
1700	Nat Consult./Staff	0.00	0.00	0.00	0.00	(6,992.12)	(6,992.12)	0.00	(6,992.12)	0.00	0.00
2100	Contractual Services	0.00	0.00	0.00	0.00	(1,662.61)	(1,662.61)	0.00	(1,662.61)	0.00	0.00
4300	Premises	0.00	0.00	0.00	0.00	(532.94)	(532.94)	0.00	(532.94)	0.00	0.00
4500	Equipment	0.00	0.00	0.00	0.00	(1,056.98)	(1,056.98)	(33.19)	(1,023.79)	0.00	(33.19)
5100	Other Direct Costs	0.00	0.00	0.00	0.00	(1,793.79)	(1,793.79)	147.69	(1,941.48)	0.00	147.69
9300	Support Cost IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(294.51)	(294.51)
2000004354	USD Total	0.00	0.00	0.00	0.00	(243.88)	(243.88)	1,352.67	(1,636.55)	(294.51)	1,098.16

\* Does not include Unapproved Obligations

The above statement has been certified electronically by the designated officials in UNIDO's Financial Services.

## Co- Funding from TIA (breakdown attached as per GL code for GCIP) April 2022-March 2023

See annex 10456\_Statement of Comprehensive Income \_GCIP 2022

## IX. Synergies

### 1. Synergies achieved:

*SBIDZ engaged with the team and finalising the collaboration agreement between the partners.*

*South to South collaboration with Brazil (IJEXs, Embassy of Brazil in SA and vice versa during the SAIS GCIP semi-finalists will pitch against Brazil startups in the cleantech sector, exhibit and co-create soft landing opportunities and vice versa with Innova Summit in Brasilia in 2024*

*Africa- Namibia/ Lesotho/ Nigeria will be attending SAIS 2023 pitch battle with Brazil (VCs and private equity partners to attend)*

*Finland- Southern Africa Innovation Collective (Demola group to host a session with ecosystem partners @ Innovation City)*

*Switzerland (cleantech involvement with UniBasel, Switzerland and Africa)*

## VIII. Implementation progress

### 3. Stories to be shared (Optional)

*Inseco, a GCIP alum, raised one of the highest seed rounds in South Africa in 2022.*  
<https://agfundernews.com/inseco-raises-5-3m-in-south-africas-largest-ever-seed-round>

## XI. GEO LOCATION INFORMATION

Location Name	Latitude	Longitude	Geo Name ID	Location and Activity Description
<i>Pretoria, South Africa</i>	<i>-25.74486</i>	<i>28.18783</i>	<i>964137</i>	<i>The project will include the entire South Africa. The project is targeted at beneficiaries (entrepreneurs and all relevant CIEE stakeholders, such as universities, policy makers, financiers, and R&amp;D institutions) from all over the country.</i>



## EXPLANATORY NOTE

1. **Timing & duration:** Each report covers the period, i.e. 1 July 20xx – 31 December 20xx or 1 January 20xx - 30 June 20xx.
2. **Responsibility:** The responsibility for preparing the report lies with the National Project Management Unit in consultation with the National Project Execution Entity and the UNIDO Project manager at HQ Vienna.
3. **Evaluation:** For the report to be used effectively as a tool for self-evaluation, project counterparts need to be fully involved.
4. **Results-based management:** The project progress reports are required by the RBM programme component focal points at Vienna HQ to obtain information on outcomes observed.

Global Environmental Objectives (GEOs) / Development Objectives (DOs) ratings	
<b>Highly Satisfactory (HS)</b>	Project is expected to achieve or exceed <u>all</u> its major global environmental objectives, and yield substantial global environmental benefits, without major shortcomings. The project can be presented as "good practice".
<b>Satisfactory (S)</b>	Project is expected to <u>achieve most</u> of its <u>major</u> global environmental objectives, and yields satisfactory global environmental benefits, with only minor shortcomings.
<b>Moderately Satisfactory (MS)</b>	Project is expected to <u>achieve most</u> of its major <u>relevant</u> objectives but with either significant shortcomings or modes overall relevance. Project is expected not to achieve some of its major global environmental objectives or yield some of the expected global environmental benefits.
<b>Moderately Unsatisfactory (MU)</b>	Project is expected to achieve <u>some</u> of its major global environmental objectives with major shortcomings or is expected to <u>achieve only some</u> of its major global environmental objectives.
<b>Unsatisfactory (U)</b>	Project is expected <u>not</u> to achieve <u>most</u> of its major global environmental objectives or to yield any satisfactory global environmental benefits.
<b>Highly Unsatisfactory (HU)</b>	The project has failed to achieve, and is not expected to achieve, <u>any</u> of its major global environmental objectives with no worthwhile benefits.

Implementation Progress (IP)	
<b>Highly Satisfactory (HS)</b>	Implementation of <u>all</u> components is in substantial compliance with the original/formally revised implementation plan for the project. The project can be presented as "good practice".
<b>Satisfactory (S)</b>	Implementation of <u>most</u> components is in substantial compliance with the original/formally revised plan except for only few that are subject to remedial action.
<b>Moderately Satisfactory (MS)</b>	Implementation of <u>some</u> components is in substantial compliance with the original/formally revised plan with some components requiring remedial action.
<b>Moderately Unsatisfactory (MU)</b>	Implementation of <u>some</u> components is <u>not</u> in substantial compliance with the original/formally revised plan with most components requiring remedial action.
<b>Unsatisfactory (U)</b>	Implementation of <u>most</u> components in <u>not</u> in substantial compliance with the original/formally revised plan.
<b>Highly Unsatisfactory (HU)</b>	Implementation of <u>none</u> of the components is in substantial compliance with the original/formally revised plan.

Risk ratings	
Risk ratings will assess the overall risk of factors internal or external to the project which may affect implementation or prospects for achieving project objectives. Risk of projects should be rated on the following scale:	
<b>High Risk (H)</b>	There is a probability of greater than <b>75%</b> that assumptions may fail to hold or materialize, and/or the project may face high risks.
<b>Substantial Risk (S)</b>	There is a probability of between <b>51%</b> and <b>75%</b> that assumptions may fail to hold or materialize, and/or the project may face substantial risks.
<b>Moderate Risk (M)</b>	There is a probability of between <b>26%</b> and <b>50%</b> that assumptions may fail to hold or materialize, and/or the project may face only moderate risk.
<b>Low Risk (L)</b>	There is a probability of up to <b>25%</b> that assumptions may fail to hold or materialize, and/or the project may face only low risks.

