

KINGDOM OF CAMBODIA
Nation Religion King



The 1st Project Steering Committee (PSC) Meeting
Global Cleantech Innovation Programme: Accelerating cleantech innovation and entrepreneurship in start-ups and SMEs in Cambodia (GCIP Cambodia)
UNIDO SAP No.: 190057

Minutes of Meeting

Project Title: Global Cleantech Innovation Programme: Accelerating cleantech innovation and entrepreneurship in start-ups and SMEs in Cambodia (GCIP Cambodia)

Project ID: UNIDO SAP No.: 190057

Meeting Date and Time: 19 October 2022, 2:30 pm (Cambodia time)

Venue: Online Meeting via Zoom Call

Attached Documents: Invitation Letters, Slide Presentations, and Appendices.

I. Attendees:

a) PSC members

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| 1. H.E. Kong Marry , Under Secretary of State,
Ministry of Economy and Finance | Chairman |
| 2. H.E. Tin Ponlok , Secretary of State, Ministry of Environment,
and GEF Operational Focal Point for Cambodia | Deputy Chairman |
| 3. H.E. Hul Seingheng , Director General,
Ministry of Industry, Science, Technology & Innovation | Member |
| 4. H.E. Seng Sopheap , President,
Cambodia Academy of Digital Technology | Member |
| 5. Mr. Naoki Torii , UNIDO's Representative,
and Project Manager | Member |
| 6. H.E. Taing Nguonly , Director of Techo Startup Center | Secretariat |

b) Techo Startup Center (TSC) staffs

- | | |
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| 7. Ms. Huy Chanthary , Techo Startup Center | TSC Staff |
| 8. Ms. Heng Chanrothna , Techo Startup Center | TSC Staff |
| 9. Mr. Chong Vathinh , Techo Startup Center | TSC Staff |

II. Agenda:

Time	Description
2:30pm - 2:45pm	Opening remarks by H.E. Kong Marry , Chairman of the Project Steering Committee
2:45pm - 3:15pm	Project Overview: Global Cleantech Innovation Programme (GCIP) Cambodia and 5 Years Work Plan and Budget Plan for GCIP Cambodia presented by Dr. Taing Nguonly
3:15pm - 3:45pm	Project Result Framework presented by Mr. Naoki Torii
3:45pm - 4:15pm	Progress of Work Plan in Year 1 presented by Mr. Chong Vathinh
4:15pm - 4:30pm	Others

Agenda 1: Opening remarks by H.E. Kong Marry, Chairman of the Project Steering Committee

H.E. Kong Marry, provided the opening remark with a warm welcome to all members of the PSC, along with a remnant of the past few years of discussions with UNIDO Cambodia over this project, then introduced all the members' compositions, and the agenda. In addition, **H.E. Tin Ponlok** gave a short precise remark and expressed his anticipation for the meeting before the floor was given to **Dr. Taing Nguonly**.

Agenda 2: Project Overview (Presented by Dr. Taing Nguonly, Secretariate of PSC)

Dr. Taing Nguonly, made his presentation on the project macro overview and 5 year workplan and budget for GCIP Cambodia with the content being (1) project background, (2) Institutional Arrangement, (3) Project Structure, (4) 5 Years Work Plan and Budget, along with (5) Stakeholders and the Co-Financing Partners.

- **H.E. Tin Ponlok**, commented on reshaping the workplan to narrow down the sub-sector during the selection criteria of technology, environment, economic and social, and to develop an effective and efficient strategy to ensure the upcoming project with potential commercialization and perhaps participation from the private sector. Second, the criteria for the program selection is essential in having proven technology with support from the Global Cleantech group to achieve multi-benefits, including Commercial, Finance, Social, and Greenhouse Gas Emissions within the project implementation. He further suggested referring to the approved and published government policies such as the Rectangular strategy, the National Command of Contribution by 2030, the Long-term strategy for carbon

neutrality with a target of carbon neutral by 2050, and the Post-Covid Recovery strategy with 13 actions of five green growth and seven climate change actions for reference during the project implementation.

- **H.E. Kong Marry**, expressed concern over the impact of this project on Cambodia's new knowledge of understanding in Cleantech Innovation. He hoped to have promising start-ups or SMEs join, grow and start this new initiative with the other Cambodian stakeholders. To this point, he suggested all the members not to expect highly but instead think of the direct and indirect contribution of the project in having more momentum and energy being joined by others in the future. Thus, he suggested coordinating under the guidance of **H.E Tin Ponlok** in engaging the technical team or expertise to select the best SMEs or start-ups in the acceleration program as it also reflects the goal of the Ministry of Environment and the government's policy in the future.
- **Dr. Taing Nguonly**, delighted to seek guidance from **H.E. Tin Ponlok**. During the project design phase, UNIDO suggested focusing solely on one sector - Clean Technology or Clean Energy, which was considered to be difficult in finding sufficient start-ups to compete in the program before decided to diversify the targeted sectors including Agriculture, Hospitality, Manufacturing, and Clean Technology to receive more interests and applications. And, he acknowledged the importance of subsectors among the four sectors mentioned above as the theme for the accelerator program in the future.
- Following the discussion, **The Project Steering Committee**, grasped upon the significance of subsectors to ensure the potential commercialization of selected SMEs or Start-ups, and the implication of the approved and published government policies as mentioned above to the programme.

Agenda 3: Project Result Framework for GCIP Cambodia (Presented by Mr. Naoki Torii, Project Manager, and PSC Member from UNIDO, Vienna, Austria)

Mr. Noki Torii, provided a very precise presentation about the Project Result Framework. The presentation covered indicators, baselines, targets, means of verification on tools and ways of collecting the data, and assumptions and risks which may occur during the course of the project.

- **H.E. Seng Sopheap**, provided insightful comments on two key matters. Firstly, the sustainability strategy of the project by transferring the project to a specialised institution

(university, business school) that wants to incorporate this into their training or school curriculum or programs for future sustainability after the project ended. Secondly, the target group should include the Technology and Engineering universities, and Business universities besides the number of Start-ups and SMEs, which could not be sure of fitting into this program under the specific requirement. He also stated that the project should consider planting the seed in the university, for future business leaders and founders in terms of their mindset and knowledge in Cleantech Innovations.

- **Mr. Naoki Torii**, recognized the importance of university students as the target group of the project, although it was not specifically mentioned in the project document, and said to note the comment to be included in the actual planning of activities to increase the engagement with university students.
- **H.E. Hul Seingheng**, emphasized the importance of Cleantech Innovation Policy in building ecosystems on clean technology. In the context of Cambodia, for the short-medium term, building a favourable ecosystem to adapt by local enterprises is necessary because Cleantech in the university research and development is limited and facing challenges in transferring to the private sector. This policy should be built from the very beginning with the target of having global enterprises within the short-medium term to work on the knowledge transferring to our local.
- After the discussion, **The Project Steering Committee**, acknowledged the necessity of engagement with university students as the target group of the project, to ensure the target indicators can be realised and Cleantech Innovation initiative can be sustained.

Agenda 4: Progress of Work Plan in Year 1 (Presented by Mr. Chong Vathinh, TSC Staff)

Mr. Chong Vathinh, delivered a presentation on the Progress of the Work Plan in Year 1, covering (1) Work Plan and Budget for Year 1, (2) Progress Update, (3) Challenges, (4) Way Forward, and (4) Points for Decision and Support to seek the decision and support from the PSC. Consider UNIDO and TSC duly signed **the Project Execution Agreement (PEA)** on 5th May 2022 for year 1 implementation starting from 5th May 2022 to 31 December 2022. The **GCIP Cambodia Inception Report for Year 1** was accepted by UNIDO on the 16th of August 2022, and **the Initial Disbursement for Year 1** in the amount of **USD 70,353.50** was received from UNIDO on the 7th of October 2022, which causes a delay in the work plan for year 1 that was originally planned out

at the beginning. In light of the progress of this project, below are the essential matters that are required to seek and request all PSC members for additional support and decision:

1. Request for an extension of the PEA in Year 1 which ended on 31 December 2022 towards May 2023 to complete all pending/remaining activities;
 2. Request the launching of The Inception Workshop early next year (Week 4 of January, or Week 1 of February 2023);
 3. Request for provision of Co-Financing Contribution Report from Co-financiers within the PSC in reflecting the confirmation of co-financing of the project;
 4. Propose the 2nd Project Steering Committee Meeting in February or March 2023 to review the Annual Work Plan and Budget for Year 2.
- **H.E. Tin Ponlok**, raised concerns over the project extension in the first year of implementation. Firstly, the project documents need to be shared in advance for recommendation and decision, which is important to be understood and approved on the workplan, progress report, and proposed budget. Secondly, based on the common practice and the GEF project, when the project starts late, the activities in the 1st year workplan will be cut down along with the matching budget according to the remaining timeframe of the fiscal year instead of an extension. Reducing activities while moving the remaining activities to the 2nd year, would be ideal for the project review and auditing later. In the case of project extension, it could be marked up in the final year of the project considering the challenges that were mentioned above. In addition, He advised circulating in advance the project workplan and budget for approval by the PSC before commencement in the following years.
 - **Dr. Taing Nguonly**, clarified that the PEA was supposed to be implemented in Year 1 within the 12-month timeframe from January to December 2022. Unfortunately, the PEA has just been signed on May 2022, causing a delay for the team to complete all the Year 1 activity in the workplan. Moreover, **Mr. Naoki Torii** was also aware of the possible extension on the PEA concerning the truth over the lateness of the countersigned PEA due to the administrative processes. In addition, it was agreed between UNIDO and TSC that the Workplan and Budget for Year 1 will be endorsed by UNIDO since the PSC has been established in June. From Year 2 onwards, approval and endorsement from PSC on the Workplan and Budget for the upcoming years is mandatory, before submitting to UNIDO.

- **Mr. Naoki Torii**, recognized the time-consuming on the administrative processes and apologies on behalf of UNIDO in processing the PEA and Initial of Payment for TSC due to the organization's restructuring. Therefore, from the perspective of UNIDO, the contract could be flexible for an extension of the timeframe considering the occurred events, which were the reasons that caused such delays in the project.
- **Dr. Taing Nguonly**, indicated that TSC is the Project Executing Entity (PEE) of the project, and is considered as a service provider by signing the one-year contract with UNIDO. As stated in the PEA, TSC shall be in the Project Area and commence performance as soon as possible and shall complete all works in the Project Area no later than 31 December 2022. However, if UNIDO would allow to carry forward the remaining activities, it shall come at the cost of cancellation for the next PSC meeting, the renewal of PEA, and the other project documents.
- **Mr. Naoki Torii**, hoped to keep the existing contract and agreed to extend the PEA towards May 2023. He also mentioned that UNIDO could be flexible with the delays due to some lateness over the documentation procedure. Therefore, he believed by concluding the contract in December 2022, and reducing activities in the workplan would lead to an amendment of all activities, timelines, and the budget stated in the PEA. He further added that the renewable of PEA may require a certain period, complexity, and recalculation over the budget, and best to make the decision as soon as possible.
- After the discussion, **The Project Steering Committee**, unanimously voted on the approval of points raised by the TSC on the extension of the PEA in Year 1 towards May 2023, the launching of the Inception Workshop on 24th January 2023 at 2:30 pm (Cambodia Time), Supported the provision of co-financing contribution reports from Co-Financiers within the PSC, and approved on the 2nd Project Steering Meeting to be held on 14th February 2023 at 2:30 pm (Cambodia Time).

Agenda 5: Others

Mr. Naoki Torii, extended his invitation to the PSC of a High-Level GCIP Side Event “Advancing cleantech innovation and entrepreneurship for climate action and sustainable development” at COP 27, which will be taking place in Egypt with high-level ministerial representatives from all GCIP countries attending the conference. **H.E. Kong Marry**, advised

contacting **H.E. Tin Ponlok** to identify the delegation of the respective ministerial representative and **H.E. Tin Ponlok** will coordinate with Mr. Naoki for this important event.

III. Closing Remark:

H.E. Kong Marry, Chairman of the PSC, expressed his gratitude towards all the PSC members for their valuable participation, and fruitful discussions in the 1st Project Steering Committee Meeting. He strongly hoped that the TSC continues to strengthen and execute the project in the utmost effective manner. With that regard, **H.E. Chairman, Deputy Chairman, and Members of the PSC** have concluded the meeting on the following decisions:

1. Approved the extension of the Project Execution Agreement in Year 1 towards May 2023;
2. Approved on the Launching of the Inception Workshop on 24th January 2023 at 2:30 pm (Cambodia Time);
3. Supported the provision of Co-financing Contribution Report from Co-Financiers within the Project Steering Committee;
4. Approved on the 2nd Project Steering Committee Meeting on 14th February 2023 at 2:30 pm (Cambodia Time).

The meeting was adjourned at **5:00** pm (Cambodia Time). 

Approved by



H.E. Kong Marry
Under Secretary of State
Ministry of Economy and Finance and
Chairman of Project Steering Committee

Prepared by



Dr. Taing Nguonly
Secretariat of the Project Steering Committee



ព្រះរាជាណាចក្រកម្ពុជា
ជាតិ សាសនា ព្រះមហាក្សត្រ

ក្រសួងសេដ្ឋកិច្ច និង ហិរញ្ញវត្ថុ
លេខ ៧៧៧ អនក្រ.សហវ.ៈ.....

គោរពជូន

- ឯកឧត្តម ឌិន ពន្លក រដ្ឋលេខាធិការក្រសួងបរិស្ថាន និង ជាជនបណ្តុះបណ្តាលប្រតិបត្តិការបរិស្ថានសកលប្រចាំលើកម្ពុជា
- ឯកឧត្តម ហ៊ុល សៀង រដ្ឋលេខាធិការអគ្គនាយកដ្ឋានវិនិយោគសាស្ត្រ បច្ចេកវិទ្យា និង ទាញទុនវិនិយោគ
- ឯកឧត្តម សេង សុភាព ប្រធានបណ្ឌិត្យសភាបច្ចេកវិទ្យាឌីជីថលកម្ពុជា
- ឯកឧត្តម ឈៀង វណ្ណមុនីវណ្ណ នាយកប្រតិបត្តិសហគ្រាសខ្មែរ

កម្មវត្ថុ ៖ សំណើអញ្ជើញចូលរួមកិច្ចប្រជុំសាមញ្ញលើកទី១ របស់គណៈកម្មការតម្រង់ទិសគម្រោង ពន្លឿននវានុវត្តន៍ និង សហគ្រាសភាព បច្ចេកវិទ្យាស្អាត ក្នុងធុរកិច្ចថ្មី និងសហគ្រាសធុនតូច និងមធ្យមនៅកម្ពុជា។

យោង ៖ សេចក្តីសម្រេចលេខ ០៩៣ សហវ ចុះថ្ងៃទី២៤ ខែមិថុនា ឆ្នាំ២០២២ ស្តីពីការបង្កើតគណៈកម្មការតម្រង់ទិសគម្រោង ពន្លឿននវានុវត្តន៍ និងសហគ្រាសភាព បច្ចេកវិទ្យាស្អាត ក្នុងធុរកិច្ចថ្មី និងសហគ្រាសធុនតូច និងមធ្យមនៅកម្ពុជា (GCIP Cambodia) ។

ជូនភ្ជាប់ ៖ ឯកសារស្តីពីកិច្ចប្រជុំ។
សេចក្តីដូចមានចែងក្នុងកម្មវត្ថុ និងយោងខាងលើ ខ្ញុំសូមជម្រាបជូន **ឯកឧត្តមអនុប្រធាន និងសមាជិកនៃ**

គណៈកម្មការតម្រង់ទិសគម្រោង មេត្តាជ្រាបថា៖ ដើម្បីតម្រង់ទិស ដឹកនាំ ត្រួតពិនិត្យ ផ្តល់អនុសាសន៍ និងធានាភាពជាម្ចាស់នៃគម្រោង គណៈកម្មការតម្រង់ទិសគម្រោងពន្លឿននវានុវត្តន៍ និងសហគ្រាសភាព បច្ចេកវិទ្យាស្អាតក្នុងធុរកិច្ចថ្មី និងសហគ្រាសធុនតូច និងមធ្យមនៅកម្ពុជា (GCIP Cambodia) ត្រូវរៀបចំកិច្ចប្រជុំសាមញ្ញចំនួន ២ដងក្នុង១ឆ្នាំ និងកិច្ចប្រជុំវិសាមញ្ញតាមការចាំបាច់។ ក្នុងន័យនេះ, ខ្ញុំសូមអញ្ជើញ **ឯកឧត្តមអនុប្រធាន និងសមាជិកនៃគណៈកម្មការតម្រង់ទិសគម្រោង** ទាំងអស់ចូលរួមកិច្ចប្រជុំសាមញ្ញលើកទី១ (ជាភាសាអង់គ្លេស) របស់គណៈកម្មការដើម្បីពិនិត្យលើទិដ្ឋភាពទូទៅនៃគម្រោងក្នុងកម្រិតម៉ាក្រូ, ផែនការសកម្មភាព និងគម្រោងថវិកាយៈពេល៥ឆ្នាំ, លទ្ធផលរំពឹងទុកនៃគម្រោង, វឌ្ឍនភាពសម្រេចបានក្នុងឆ្នាំទី១ និងទិសដៅបន្ទាប់ក្នុងការអនុវត្តគម្រោងដែលនឹងប្រព្រឹត្តទៅនៅថ្ងៃទី **១៩ ខែ តុលា ឆ្នាំ២០២២ វេលាម៉ោង ២:៣០** (ម៉ោងនៅកម្ពុជា) តាមរយៈប្រព័ន្ធវីដេអូពីចម្ងាយ Zoom (តំណភ្ជាប់កូដ QR នៅខាងក្រោម)។

អាស្រ័យដូចបានគោរពជូនខាងលើ សូម **ឯកឧត្តមអនុប្រធាន និងសមាជិកនៃគណៈកម្មការតម្រង់ទិសគម្រោង** មេត្តាចូលរួមក្នុងកិច្ចប្រជុំសាមញ្ញលើកទី១នេះ តាមកាលបរិច្ឆេទដូចបានគោរពជូនខាងលើ។

សូម **ឯកឧត្តមអនុប្រធាន និងសមាជិកនៃគណៈកម្មការតម្រង់ទិសគម្រោង** ទទួលនូវការរាប់អានពីខ្ញុំ។

តំណភ្ជាប់ ZOOM សម្រាប់កិច្ចប្រជុំ៖

Meeting ID: 833 6055 8020
Passcode: 361079
មជ្ឈមណ្ឌលវិនិយោគ
- លោកជន់ វ៉ាឌីញ
- ទូរស័ព្ទលេខ: 099 222 899
- អ៊ីម៉ែល: vathinh.chong@techostartup.center

ថ្ងៃ **ពុធ ទី ១៩** ខែ **តុលា** ឆ្នាំ **ខែ ២០២២** ចត្វាស័ក ព.ស. ២៥៦៦
រាជធានីភ្នំពេញ ថ្ងៃទី **១៩** ខែ **តុលា** ឆ្នាំ **២០២២**
អនុរដ្ឋលេខាធិការ
និងប្រធានគណៈកម្មការតម្រង់ទិសគម្រោង

បណ្ឌិត គង់ ថារី



ព្រះរាជាណាចក្រកម្ពុជា
ជាតិ សាសនា ព្រះមហាក្សត្រ
KINGDOM OF CAMBODIA
Nation Religion King

ក្រសួងសេដ្ឋកិច្ច និង ហិរញ្ញវត្ថុ

MINISTRY OF ECONOMY AND FINANCE

N° ៨៨៤៣.....MEF/.....

Phnom Penh, 19 September 2022

Mr. Naoki Torii

Industrial Development Expert, Climate Technologies Innovation Unit,
Division of Decarbonization and Sustainable Energy,
Directorate of Technical Cooperation and Industrial Development,
United Nation Industrial Development Organization,
Wagramer Strasse 5,
A-1220 Vienna, Austria

Ref : Decision No. 093 SHV dated 24 June 2022 on the Establishment of Project Steering Committee for Global Cleantech Innovation Programme: Accelerating cleantech innovation and entrepreneurship in start-ups and SMEs in Cambodia.

Subject: Invitation Letter - The first Project Steering Committee Meeting

Dear Mr. Naoki Torii,

As stated in the decision dated 24 June 2022, the Project Steering Committee for Global Cleantech Innovation Programme: Accelerating cleantech innovation and entrepreneurship in start-ups and SMEs in Cambodia (GCIP Cambodia), shall hold regular meetings twice a year to direct, supervise, oversight, provide advisory inputs, and ensure institutional ownership of the project.

In this regard, I am very pleased to invite you to attend the first Project Steering Committee's meeting, which will be held on *2:30 pm, October, 19* 2022, via Zoom (QR Code below).

The meeting document includes project overview, agenda, and other information enclosed herewith.

Please accept the assurance of my highest consideration. ✍

Yours sincerely,



H.E. Kong Marry

Under Secretary of State,
Chairman of Project Steering Committee

QR Code for the Meeting:



Meeting ID: 833 6055 8020
Passcode: 361079

Enclosure:

20220907 PSC Meeting Document



**Global Cleantech Innovation Programme: Accelerating cleantech
innovation and entrepreneurship in start-ups and SMEs in Cambodia
(GCIP Cambodia)**

UNIDO Project No. SAP 190057
Project Overview: GCIP Cambodia

Present by: **Dr. Taing Nguonly**
Executive Director of Techo Startup Center,
Secretariat of Project Steering Committee

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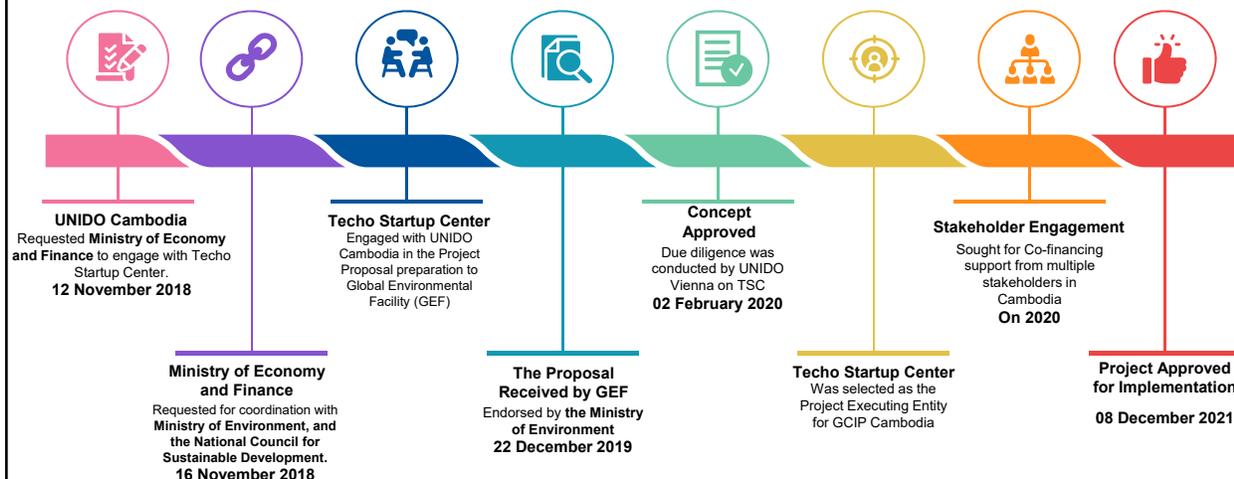
Co-Financing Partners

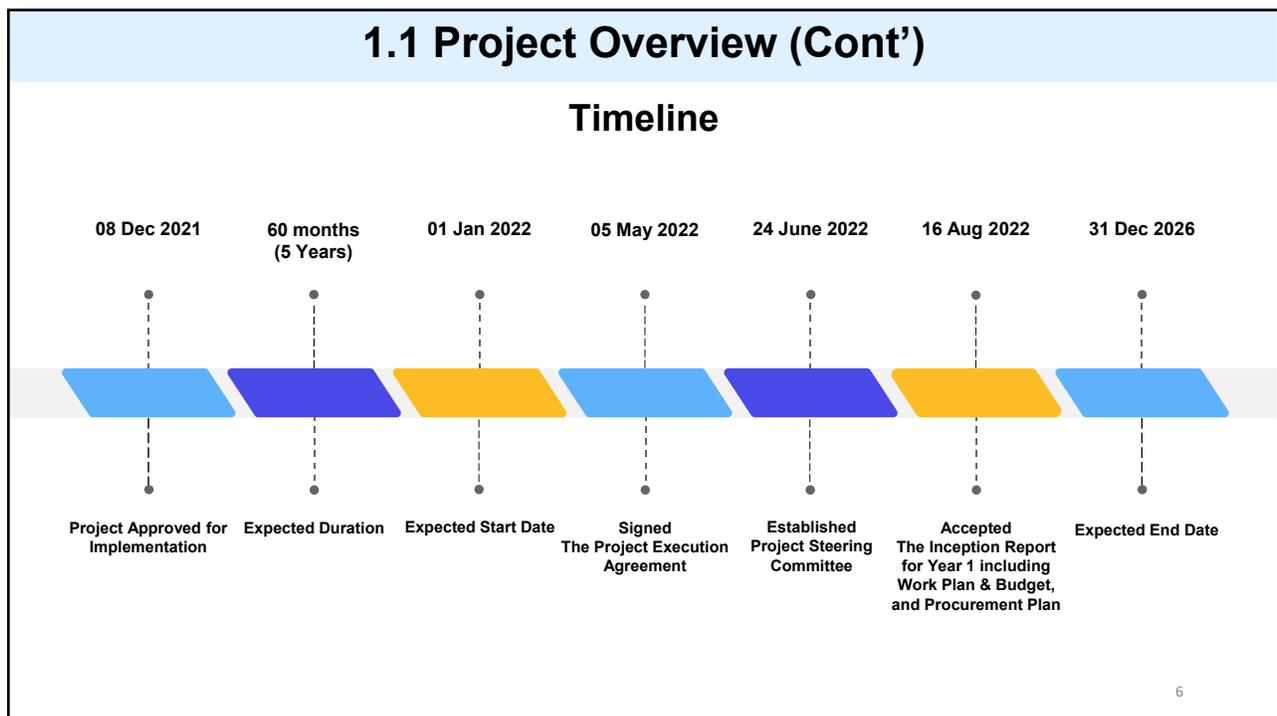
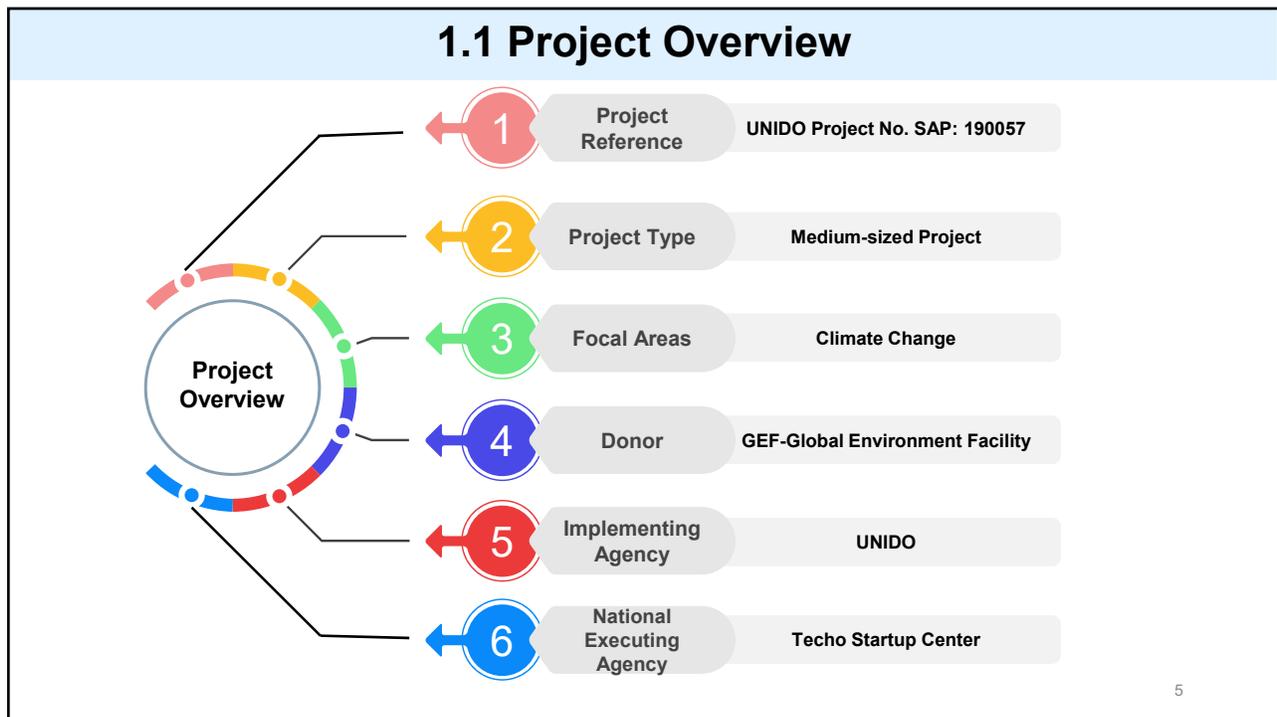
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1. Project Background

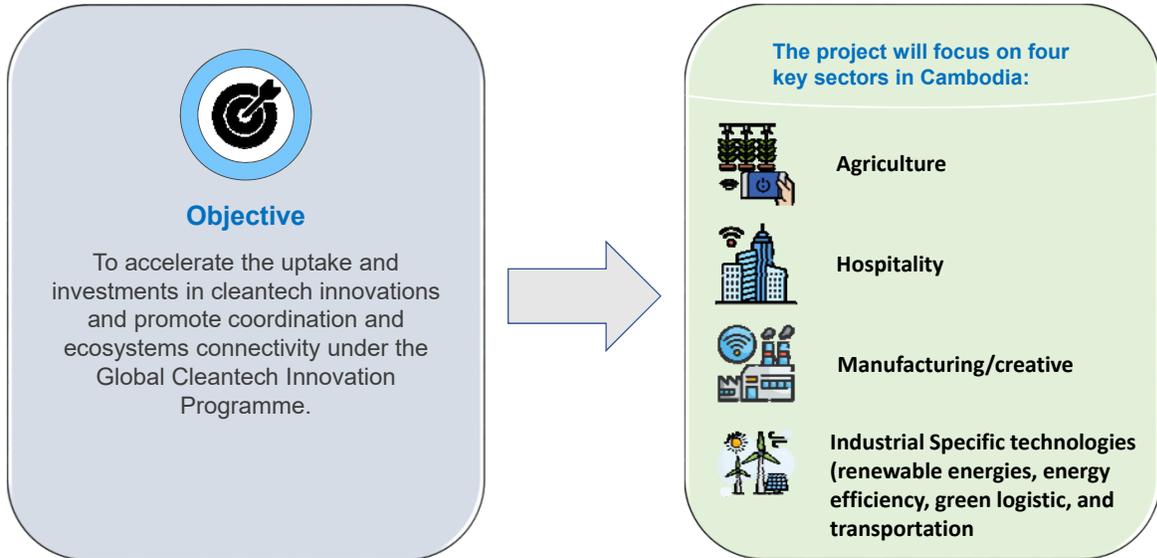


1. Project Background (Cont')



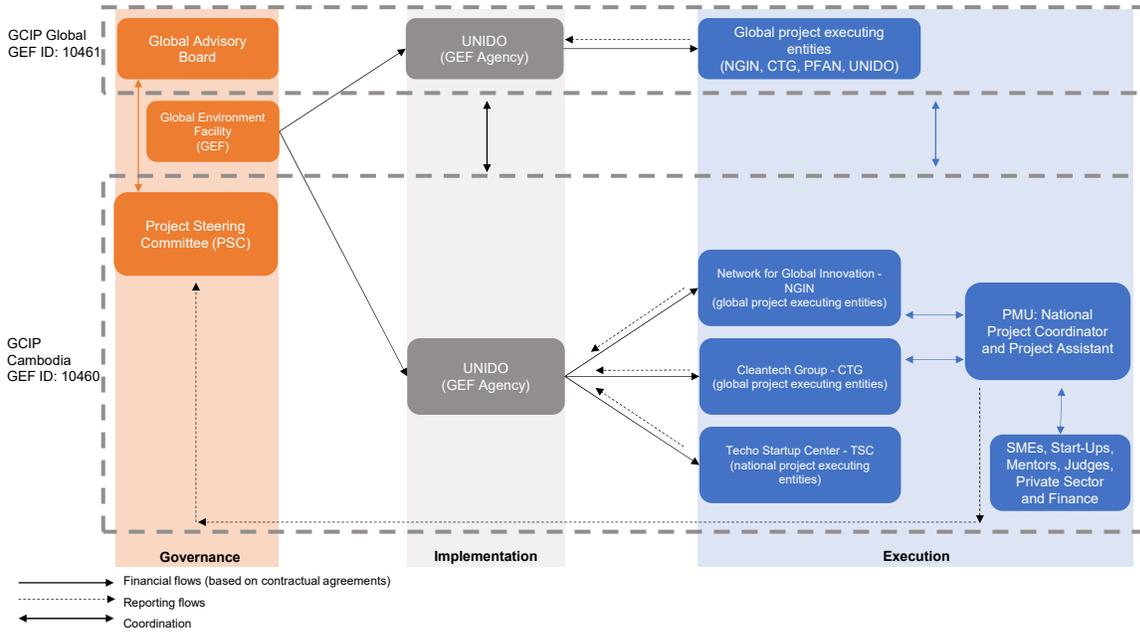


1.1 Project Overview (Cont')



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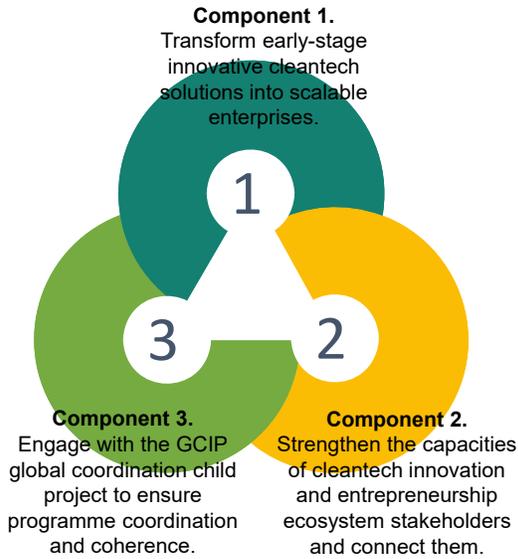
2. Institutional Arrangement



Private Finance Advisory Network (PFAN)

8

3. GCIP Cambodia: Project Structure



Expected Outcomes:

- **Focus:** very early-stage innovative cleantech solutions and provision of acceleration support related to entrepreneurship and business skills training
- **Technical assistance:** Startups/SMEs that were accelerated and have traction and sales evidence, but still need specialized enterprise growth support
- Startups/SMEs in expansion stage will receive tipping-point investment facilitation services to raise investment.

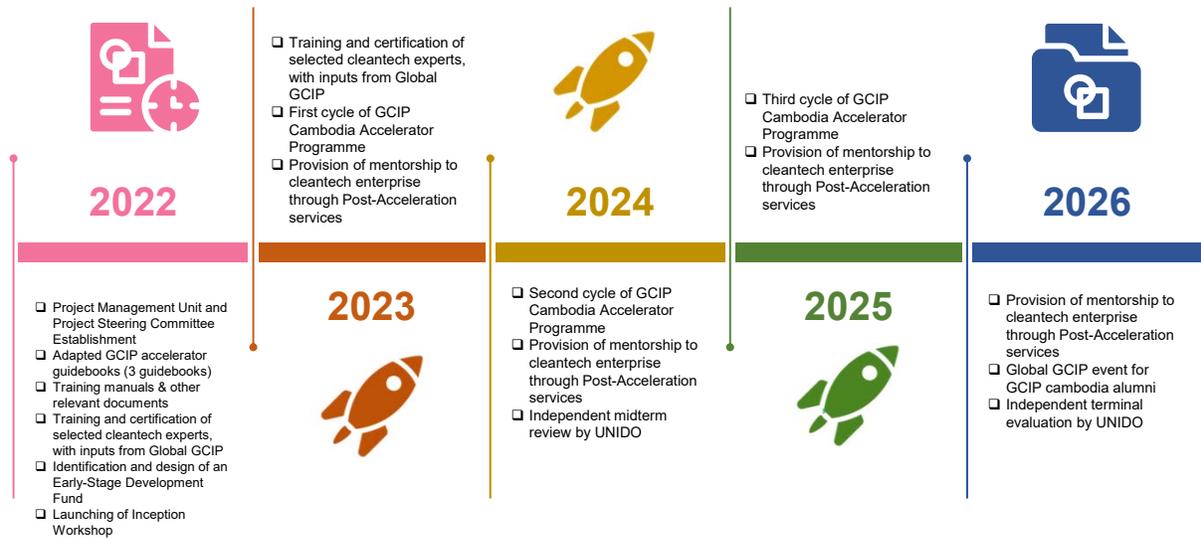
Expected Outcomes:

- Maximize the impact of GCIP by strengthening national cleantech ecosystems of GCIP partner countries, identifying synergies across national ecosystems, and connecting ecosystems for knowledge exchange and partnership building.
- At the national child project level, development of policies and regulations to promote cleantech innovation will be prioritized.

Expected Outcomes:

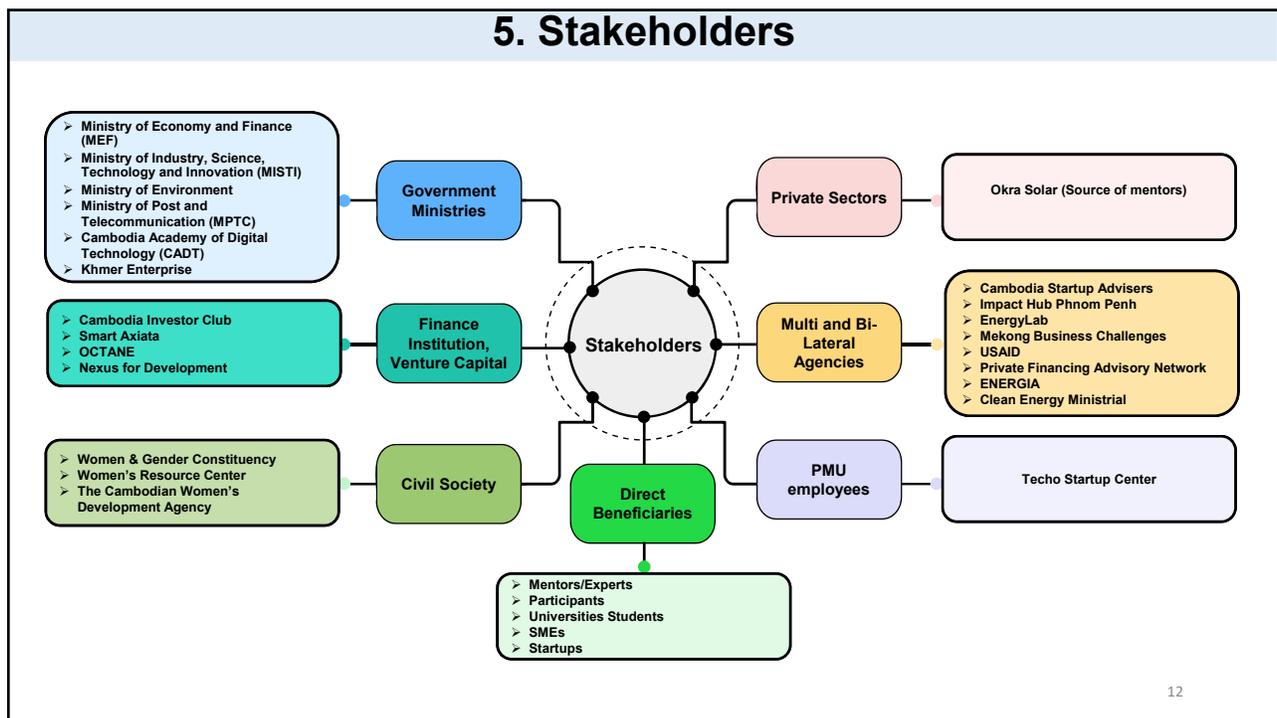
- To maintain coherence and standards of GCIP execution across multiple countries, GCIP guidelines will be developed under the GCIP Global and disseminated as a tool for national child projects for adaptation and adoption.

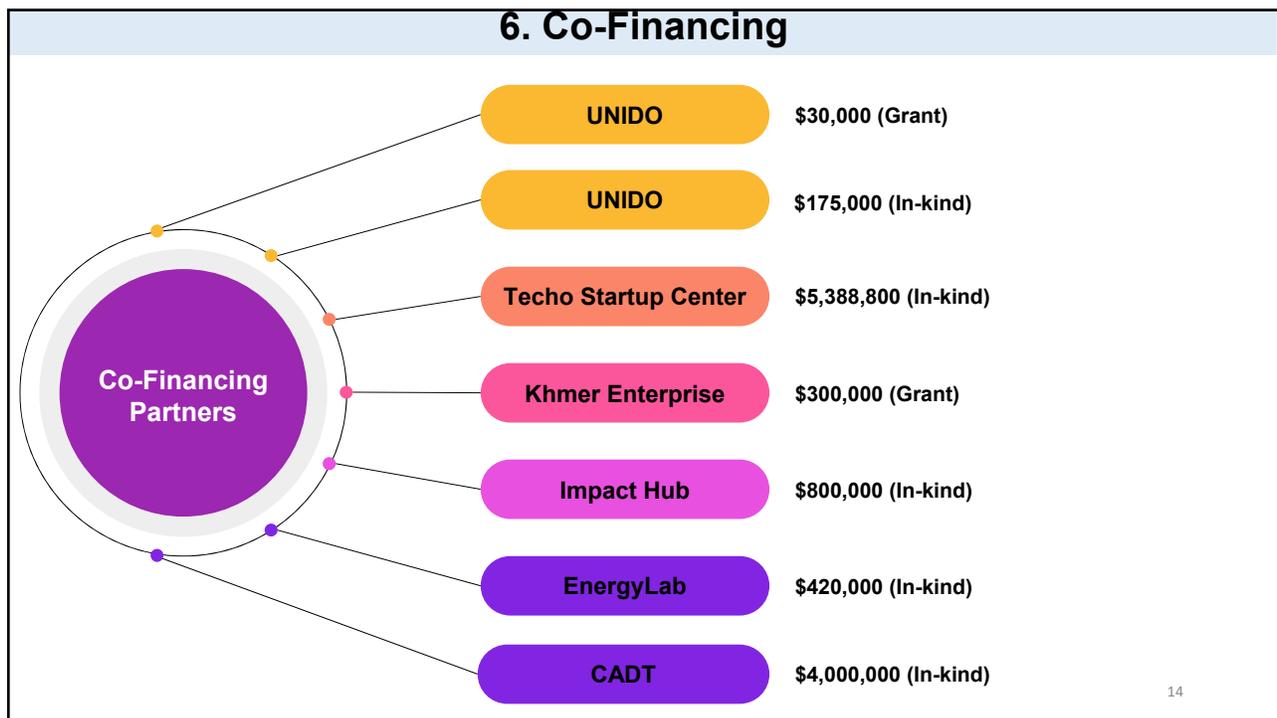
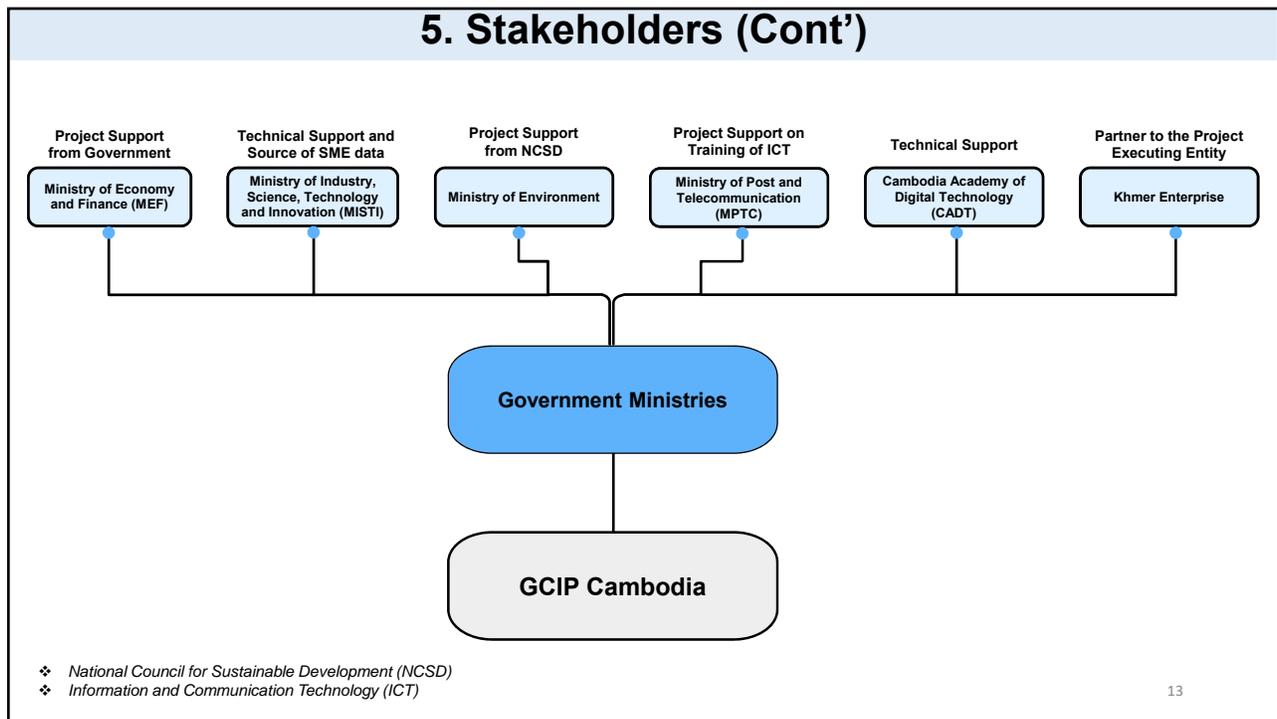
4. Work Plan for 5 Years



4.1 Budget Summary for 5 Years

Project Components/ Programs	Project Outcomes	Total
Component 1 : Transforming early-stage innovative cleantech solutions into commercial enterprises	Outcome 1.1 Early-stage cleantech innovations are accelerated	\$ 449,382.00
	Outcome 1.2. Start-ups and SMEs are supported through advanced and gender-responsive business growth and investment facilitation services	\$ 593,312
Component 2: Cleantech innovation and entrepreneurship ecosystem (CIEE) strengthening and connectivity	Outcome 2.1: The CIEE in Cambodia is strengthened and interconnected	\$ 120,390
Component 3: : Project Coordination and Coherence	Outcome 3.1: Efficiency and sustainability of the GCIP Cambodia is ensured through programme coordination and coherence with other GCIP country projects	\$ 46,034
	Outcome 3.2: Impacts and progress of the GCIP Cambodia are tracked and reported	\$ -
Subtotal		\$ 1,209,118
M&E		\$ 81,025
Project Management Cost (PMC)		\$ 127,748
Total project costs		\$ 1,417,891





Thank you



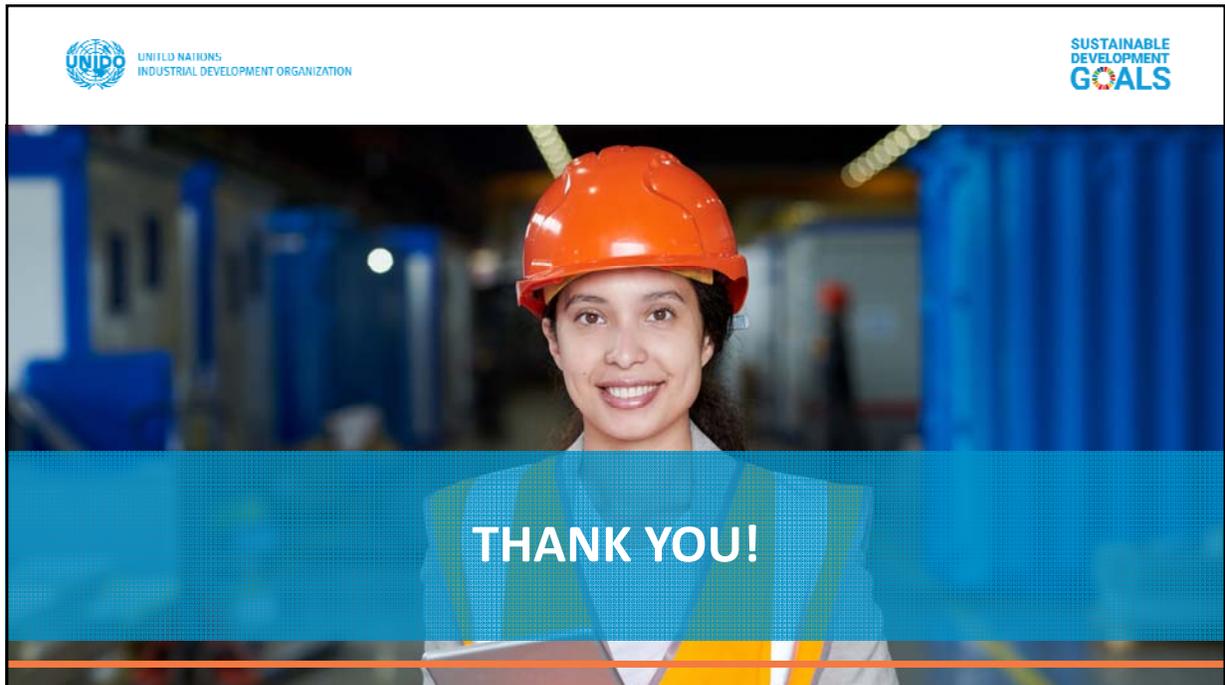
	Project Summary	Indicators	Means of Verification	Assumptions
Goal	<ul style="list-style-type: none"> Enhanced CIEE leads jobs & wealth creation GHG emission reduction and energy savings 	<ul style="list-style-type: none"> # of Cleantech (CT) programmes \$ of additional investment # tons of GHG reductions # of new jobs 	<ul style="list-style-type: none"> TE reports PIR (final) GCIP tracking tool 	N/A
Outcome	<ul style="list-style-type: none"> Cleantech solutions deployed at commercial scale CIEE strengthened 	<ul style="list-style-type: none"> # of new technical and financial services provided 	<ul style="list-style-type: none"> PIR (interim) Survey 	<ul style="list-style-type: none"> CIEE's roles contextualized into policy and economic strategy, plan and action
Outputs	<ul style="list-style-type: none"> Accelerator elements sustained Enabling elements sustained 	<ul style="list-style-type: none"> # of national institutions enhanced skills and support # of alumni continuously engaged 	<ul style="list-style-type: none"> PIR (interim) Survey 	<ul style="list-style-type: none"> Sufficient skill sets and support and partnership across CIEE creates positive cycle of business growth
Activities	<ul style="list-style-type: none"> Develop accelerator elements (guidebooks, tools, methodologies, experts, competition, finance) developed and operated Enabling elements (network, policy and regulation and partnership) created and mobilized 	<ul style="list-style-type: none"> # of accelerator rounds # of participants # of trainings \$ of seed funding deployed # of networks & partnerships 	<ul style="list-style-type: none"> PIR (Interim) Record of accelerator activities Developed accelerator elements Created CIEE elements GCIP tracking tool Web platform 	<ul style="list-style-type: none"> Sufficient commitment and participation by national experts and mentors mobilized Continuous support from the Government and national partner institutions gained

* Re-work from Project Document. For details, please refer the original Project Document

  		
Accelerator elements		
1. Transforming early-stage innovative cleantech solutions into commercial enterprises	2. Cleantech innovation and entrepreneurship ecosystem (CIEE) strengthening and connectivity	3. Knowledge management and project coordination
<ul style="list-style-type: none"> • 3 cycles of the Annual Cleantech competition (minimum 70 participants) • GCIP guidebooks and methodologies • Early stage development fund (12 start-ups) • National pool of mentors and judges (at least 30) • Post-accelerator support (Tech verification, product development and market entry support) (minimum 15 start-ups) • Mentoring and partnership support for global expansion 	<ul style="list-style-type: none"> • Cleantech policy, regulations and recommendation • Linkages and synergies across CIEE • Alumni network and peer learning, partnership 	<ul style="list-style-type: none"> • Operationalize Project Steering Committee (PSC) • Sustainability and exit strategy • Knowledge management, communication, and advocacy strategy framework • Communication and promotion activities • Tool to track environmental and social impacts of the project • Independent mid term review & terminal evaluation

  		
Enabling elements		
1. Transforming early-stage innovative cleantech solutions into commercial enterprises	2. Cleantech innovation and entrepreneurship ecosystem (CIEE) strengthening and connectivity	3. Knowledge management and project coordination
<ul style="list-style-type: none"> • 3 cycles of the Annual Cleantech competition (minimum 70 participants) • GCIP guidebooks and methodologies • Early stage development fund (12 start-ups) • National pool of mentors and judges (at least 30) • Post-accelerator support (Tech verification, product development and market entry support) (minimum 15 start-ups) • Mentoring and partnership support for global expansion 	<ul style="list-style-type: none"> • Cleantech policy, regulations and recommendation • Linkages and synergies across CIEE • Alumni network and peer learning, partnership 	<ul style="list-style-type: none"> • Operationalize Project Steering Committee (PSC) • Sustainability and exit strategy • Knowledge management, communication, and advocacy strategy framework • Communication and promotion activities • Tool to track environmental and social impacts of the project • Independent mid term review & terminal evaluation

  		
<p>1. Transforming early-stage innovative cleantech solutions into commercial enterprises</p>	<p>2. Cleantech innovation and entrepreneurship ecosystem (CIEE) strengthening and connectivity</p>	<p style="text-align: center;"><u>M&E elements</u></p> <p>3. Knowledge management and project coordination</p>
<ul style="list-style-type: none"> • 3 cycles of the Annual Cleantech competition (minimum 70 participants) • GCIP guidebooks and methodologies • Early stage development fund (12 start-ups) • National pool of mentors and judges (at least 30) • Post-accelerator support (Tech verification, product development and market entry support) (minimum 15 start-ups) • Mentoring and partnership support for global expansion 	<ul style="list-style-type: none"> • Cleantech policy, regulations and recommendation • Linkages and synergies across CIEE • Alumni network and peer learning, partnership 	<ul style="list-style-type: none"> • Operationalize Project Steering Committee (PSC) • Sustainability and exit strategy • Knowledge management, communication, and advocacy strategy framework • Communication and promotion activities • Tool to track environmental and social impacts of the project • Independent mid term review & terminal evaluation



**Global Cleantech Innovation
Programme: Accelerating cleantech
innovation and entrepreneurship in
start-ups and SMEs in Cambodia
(GCIP Cambodia)**

GCIP Cambodia
Project Steering Committee Meeting
Present by Chong Vathinh
19 October 2022



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for Year 1

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1. Work Plan for Year 1

Workplan in 2022	Q1 2022			Q2 2022			Q3 2022			Q4 2022		
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
1. PMU & PSC Establishment												
2. Adapted GCIP accelerator guidebooks (3 guidebooks)												
3. Training manuals & other relevant documents												
4. Training and certification of selected cleantech experts, with inputs from Global GCIP												
5. Identification and design of an Early-Stage Development Fund												
6. Operation												

Note: The project starting date for year one is as of the 5th May 2022 until 31st December 2022, due to the Project Execution Agreement duly signed as of the 5th of May 2022, therefore this timeline has been moved to the starting date of the project.

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1. Budget Summary for Year 1

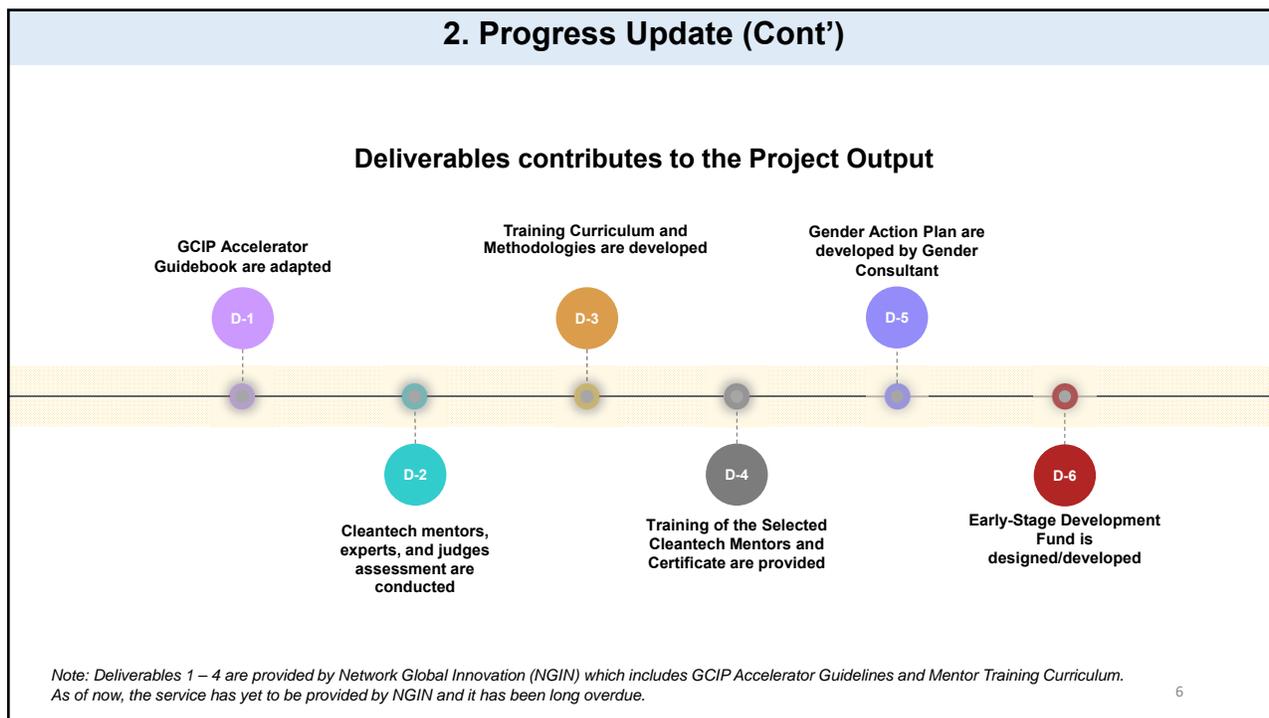
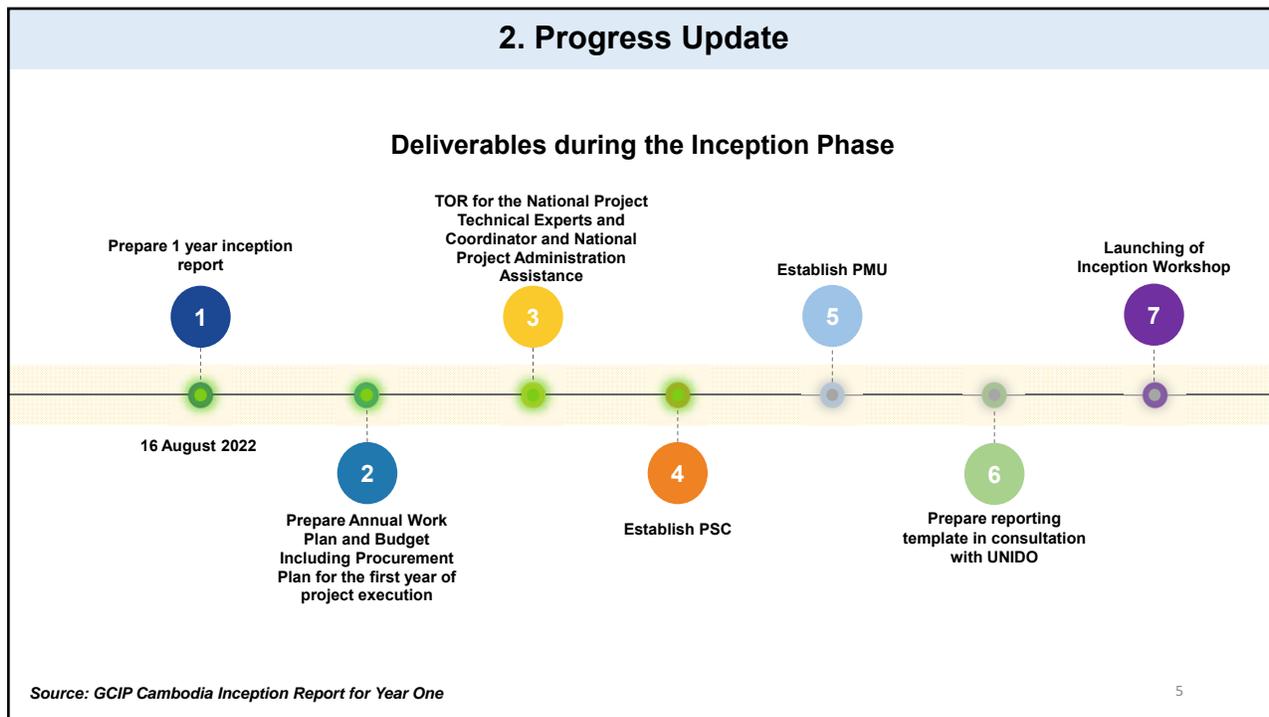
Project Components/ Programs	Project Outcomes	Total
Component 1 : Transforming early-stage innovative cleantech solutions into commercial enterprises	Outcome 1.1 Early-stage cleantech innovations are accelerated	\$ 87,465
	Outcome 1.2. Start-ups and SMEs are supported through advanced and gender-responsive business growth and investment facilitation services	\$ 20,000
Component 2: Cleantech innovation and entrepreneurship ecosystem (CIEE) strengthening and connectivity	Outcome 2.1: The CIEE in Cambodia is strengthened and interconnected	\$ 31,000
Component 3 : Project Coordination and Coherence	Outcome 3.1: Efficiency and sustainability of the GCIP Cambodia is ensured through programme coordination and coherence with other GCIP country projects	\$ 15,192.50
	Outcome 3.2: Impacts and progress of the GCIP Cambodia are tracked and reported	\$ -
Subtotal		\$ 153,657.50
M&E		\$ 5,000
Project Management Cost (PMC)		\$ 29,800
Total project costs		\$ 188,457.50

➤ Total Cost Allocated to NGIN: \$ 18,064

➤ Total Cost Allocated to TSC: \$ 170,393.50

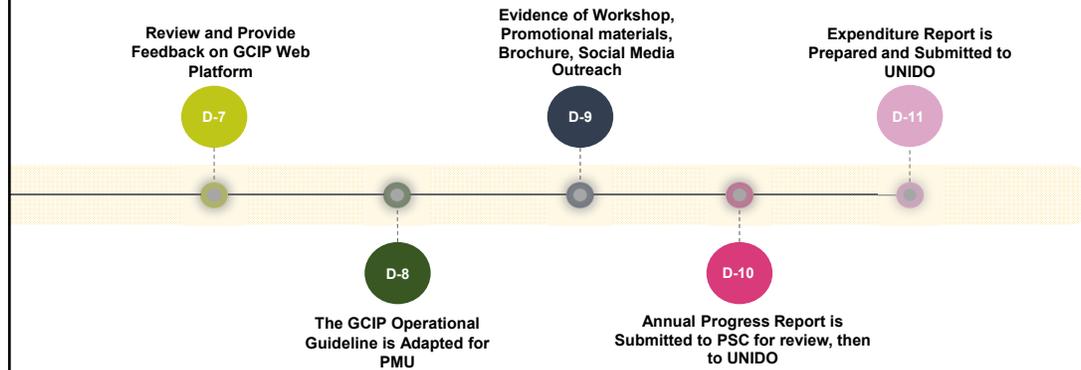
*** The Initial Disbursement for Year 1 in the amount of USD 70,353.50 was received from UNIDO on the 7th of October 2022.

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2. Progress Update (Cont')

Deliverables contributes to the Output

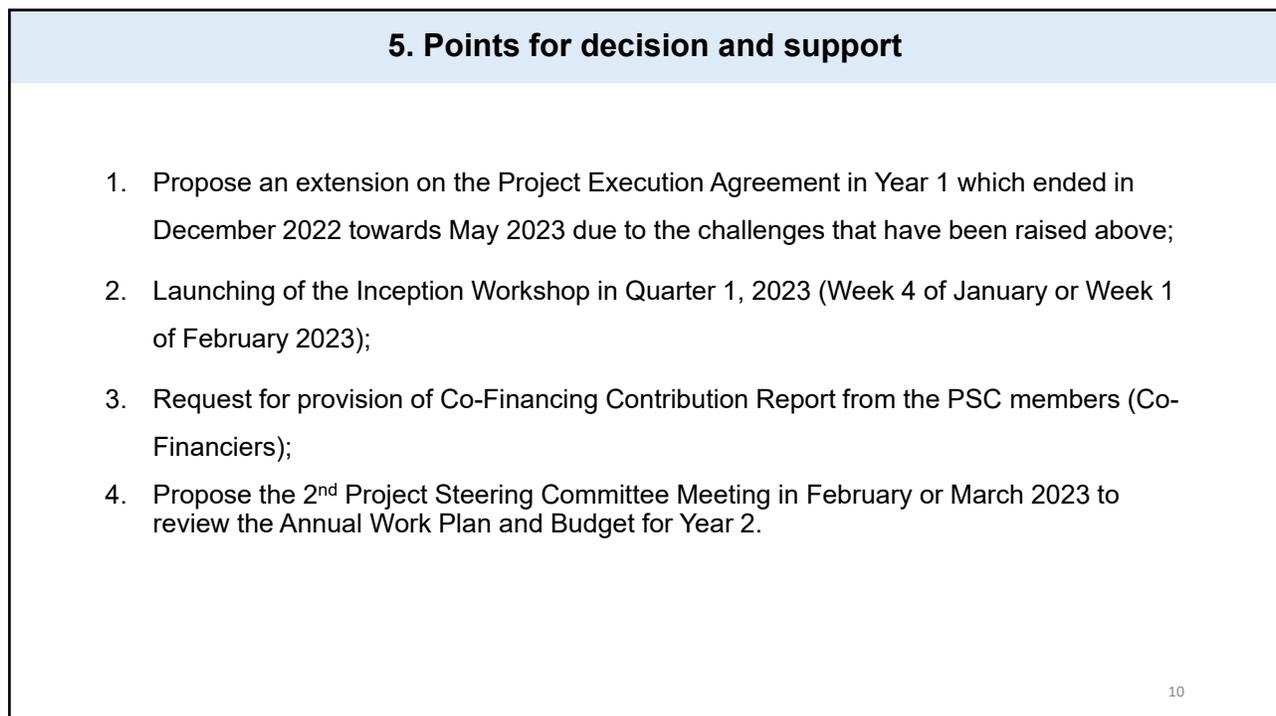
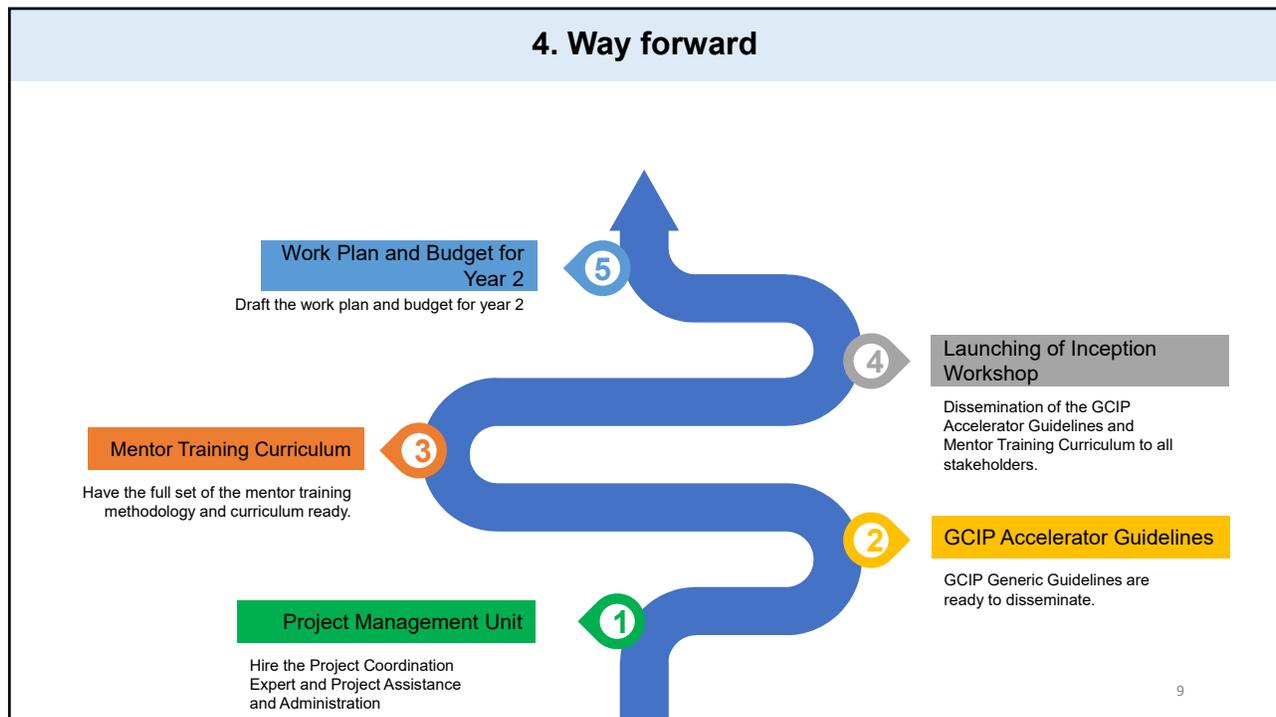


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3. Challenges

- ❖ NGIN is unable to provide their services to GCIP Cambodia based on the agreed timeline;
- ❖ The Project Management Unit has not been established yet, due to the initial disbursement received from UNIDO on the 7th of October 2022;
- ❖ Time constraint in executing the remaining activities, consider that the Project Execution Agreement for year 1 shall be ended on 31st December 2022.

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PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
<p>Objective: Promote the acceleration of high-impact clean technology innovation for large-scale deployment and green job creation for SMEs and start-ups in Cambodia</p>	<p>National cleantech ecosystem to support competition-based accelerators and cleantech ecosystem</p>	<p>Existing pool of relevant start-ups supported by PFAN and other relevant cleantech service providers in Cambodia</p>	<p>National cleantech ecosystem established to promote SMES within Cambodia</p>	<p>Project progress reports;</p> <p>Final independent project evaluation report;</p> <p>GEF Tracking Tools;</p> <p>Database and records maintained during and after project completion.</p>	<p>Technology innovation, energy productivity and creation of jobs remains the top priority of the Government</p> <p>SMEs and Start-ups are committed to the Cleantech approach;</p> <p>Government of Cambodia remains committed to the Cleantech approach.</p>
	<p># SMEs/startups pursuing innovations in clean technologies (gender-disaggregated for leadership)</p>	<p>Weak clean technology innovations ecosystem</p>	<p>1250 beneficiaries (30% women in the first year, 35% in the 2nd and 3rd year, and 40% by yrs 4-5 consisting of:</p> <ul style="list-style-type: none"> - 120 entrepreneurs identified for pre-incubation support (see targets described above) - 70 startups accelerated (see targets described above) 		
	<p>Successful Cleantech (CT) programmes organized after project completion</p>	<p>Limited investments in innovative clean technology, especially by SMEs</p>	<ul style="list-style-type: none"> - 300 beneficiaries from the startups (4-5 people per startup; see targets described above) - 30 cleantech experts identified and trained (judges, mentors and coaches (at least 35% women) 		
	<p>Additional investment into clean technology innovations due to increased interest in the CT programme</p>	<p>Data on emission reductions related to clean technology innovations in SMEs not available</p>	<p>800 national and regional experts sensitized through workshops, forums, webinars and</p>		
	<p># SMEs as members of the national platform (gender-</p>	<p>Limited numbers</p>			

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
	disaggregated) Tonnes of GHG emissions directly or indirectly avoided # new jobs associated with cleantech innovations (gender disaggregated)		networking events (30% women in the first year, 35% in the 2nd and 3rd year, and 40% by year 5) 126,000 to 252,000 tCO ₂ eq of direct GHG emission savings and 630,000-1,260,000 tCO ₂ eq of indirect GHG emission savings at the end of project implementation		

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
Component 1 : Transforming early-stage innovative cleantech solutions into commercial enterprises					
Pillar 1: Transforming early-stage innovative cleantech solutions into commercial enterprises					
Outcome 1.1 Early-stage cleantech innovations are accelerated	New technical and financial services provided through accelerator services and the identification and certification of cleantech mentors, judges and coaches for SMEs and Start ups.	<p>Limited awareness of cleantech innovations</p> <p>Limited resources for early stage cleantech innovators</p> <p>Limited access for early stage cleantech experts into broader networks</p> <p>No existing certified pool of cleantech experts</p> <p>Limited business and market entry support services available for cleantech SMEs and entrepreneurs</p>	<p>Technical tools and experts are developed, trained and operational to enable the conduct of cleantech accelerators</p> <p>Strengthened market readiness support to start-ups and SMEs through the provision of advanced acceleration services</p> <p>Understanding on gender dimensions of cleantech enhanced within Cambodia</p>	<p>Criteria used for the identification of potential cleantech experts</p> <p>Project progress and evaluation reports</p> <p>Attendance reports and evidence of accelerator rounds (pictures, news articles etc.)</p> <p>Training sessions reports</p> <p>Surveys of experts trained</p> <p>Methodologies, guidelines and tools developed</p>	<p>Continuous support and participation by government, R&D institutions, SMEs and other project partners</p> <p>Sufficient commitment and participation from all project stakeholders involved</p>

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
Output 1.1.1 The GCIP guidebooks and methodologies are adapted for the GCIP Cambodia	<p># of potential cleantech experts identified (gender disaggregated)</p> <p># of methodologies, guidelines and tools and training systems developed, which consider gender dimensions</p> <p># and quality of training and mentoring cleantech experts capable of organising cleantech accelerators at national level</p> <p># training material including gender awareness training</p>	<p>Limited capacity to conduct cleantech innovation accelerators and provide business growth services</p> <p>Limited technical and administrative capacity of entrepreneurs</p>	<p>Specific methodologies, guidelines, tools and training systems for the uptake of cleantech ecosystem developed</p> <p>At least 30 cleantech experts (mentors, judges and coaches) are trained and equipped with the necessary skills and tools to support the uptake of cleantech innovation and early-stage business growth (of which 35% are women)</p>	<p>Criteria used for the identification of potential cleantech experts</p> <p>Project progress and evaluation reports</p> <p>Training sessions reports</p> <p>Surveys of experts trained</p> <p>Number of methodologies, guidelines and tools developed</p>	<p>Executing Entity has the capacity to develop relevant tools, methodologies and guidelines to meet Cleantech innovation needs</p>

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
Output 1.1.2 Pool of cleantech innovation and entrepreneurship experts (trainers, mentors, judges) is trained and certified to support the GCIP Cambodia Accelerator (at least 30 cleantech experts identified and trained)	<p># of roadshows and outreach events in the provinces, with targeted outreach to women</p> <p># trained and certified national mentors/judges (>35% women participants)</p> <p># of mentors focusing on women's needs</p> <p>% of mentors that participate in gender-sensitization and took the 'I-know-gender' training</p>	<p>No confirmed outreach for hospitality sector, industry and manufacturing; some existing outreach to agricultural sector</p>	<p>30 potential entrepreneurs/early stage business concepts identified per sector (120 in total)</p> <p>30 national mentors/judges trained and certified (>35% women participants; 100% participate in the "I know Gender" training)</p>	<p>Project progress and evaluation reports</p> <p>Attendance reports and evidence of accelerator rounds (pictures, news articles etc.)</p> <p>Survey of accelerator participants and other stakeholders</p>	<p>Ability to identify 75 eligible firms; ability to identify adequate number of female-owned firms.</p>
	<p># of sectors / cleantech categories (agri-value chains/industry; industry; manufacturing; hospitality) supported through early stage</p>	<p>PFAN has supported one cleantech company in Cambodia and various organisations focusing on relevant sectors are organising support for start-</p>	<p>4 of the 4 targeted sectors are covered by the selected SMEs/Startups</p>	<p>Sufficient access to online capabilities in the event of a prolonged Covid-19 pandemic.</p> <p>Continuous commitment and participation of mentors, judges and coaches</p>	

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
	awareness bulding and outreach	ups in Cambodia, though capacity is currently insufficient (see baseline table).			

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
Output 1.1.3. Three cycles of the annual competition-based GCIP Cambodia Accelerator are conducted(at least 70 participants)	<p># of pre-accelerator courses held</p> <p># pre-accelerator participants per course (gender disaggregated)</p> <p># GCIP Cambodia accelerators held</p> <p># competition entries,</p> <p># semi-finalists and finalists (gender-disaggregated)</p> <p># entrepreneurs identified, coached and promoted during the Cleantech programme (gender disaggregated)</p> <p>#national GCIP forum</p> <p># semi-finalists and finalists (>35% women participants)</p>	Limited accelerators in agriculture and industry that lack a specific cleantech focus	<p>3 accelerator rounds conducted</p> <p>25 firms attend each round (at least 30% women owned, and at least 35% of women in the staff population of the winners) and receive training and networking</p> <p># of partners involved that promote gender equality and the empowerment of women for the outreach</p> <p># of trainings targeted at women's needs</p> <p>Gender responsive presentation material Gender responsive outreach</p>	<p>Project progress and evaluation reports</p> <p>Project documentation</p> <p>Training records – material and participants</p> <p>Participant feedback on pre-accelerator and accelerator</p> <p>Meeting/forum records</p>	<p>Continuous commitment and participation of mentors, judges and coaches</p> <p>There is a risk that there will not be enough participants available for the accelerators.</p>

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
	# of partners involved that promote GEEW for the outreach				
	# entrepreneurs identified, coached and promoted during the Cleantech programme (>35% women participants)				
	# of trainings targeted at women's needs Gender responsive presentation material				
	Gender responsive outreach				

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
<p>Outcome 1.2. Start-ups and SMEs are supported through advanced and gender-responsive business growth and investment facilitation services</p>	<p>Financial mechanism established to provide access to pre-seed and seed support for SMEs and start ups.</p>	<p>Limited pre-seed and seed support for start-ups</p>	<p>SMEs and start ups receive adequate business support and financing to potentially engage with commercial investors; an alumni network is established that is able to further support start ups and SMEs to develop investor-ready cleantech businesses.</p>	<p># finalised business plans # of firms reaching investment closure # of events and tools contributing to facilitate cleantech learning and collaboration among SMEs and start-ups</p>	<p>Cleantech innovators may fail to meet results-based targets Insufficient financing capacity of potential investors Lack of participation and continuous contribution of alumni network and other project stakeholders</p>

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
Output 1.2.1 An early-stage development fund is created to provide pre-seed and seed financing support to entrepreneurs and startups (at least 12 firms achieving eligibility criteria)	<p>Financial mechanism established to provide access to pre-seed and seed support for SMEs and start ups.</p> <p># entrepreneurs participating in webinars (gender disaggregated)</p> <p># targeted support for women-led enterprises</p> <p># targeted support for products/services that promote gender equality and women's empowerment</p>	No early-stage development fund exists for cleantech SMEs	<p>At least 12 and up to 20 firms achieving eligibility criteria to receive pre-seed and seed financing for early stage business growth (of which 30% are women-owned and/or promote products/services that promote gender equality)</p> <p>30% of early stage funds targeted for women-led enterprises and/or products/services that promote gender equality and women's empowerment</p>	Finalised market feasibility studies	<p>There is sufficient capacity and technical skills to provide business growth support services</p> <p>Continuous participation of selected SMEs and entrepreneurs</p>
Output 1.2.2 Technology verification, product development and market entry support is provided (at least 15 start-ups for post-acceleration support per year)	# of market feasibility studies, product verification assessments and business plans developed (gender disaggregated)	Limited availability of early-stage business growth coaching and capacity building.	At least 12 and up to 20 firms achieving eligibility criteria to receive pre-seed and seed financing for early stage business growth (of which 30% are women-owned)	Final product verification assessments and prototypes	<p>Continuous support from the Government and national partner institutions</p> <p>Commitment from project partners and committed participation of SMEs and entrepreneurs</p> <p>Sufficient commitment</p>

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
					and participation by national experts and mentors Interest from impact investors in cleantech

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
<p>Output 1.2.3 Mentoring and partnership support is provided to cleantech enterprises for global market expansion</p>	<p># high level international events attended (gender-disaggregated)</p> <p># participants attending peer-networking activities, workshops, and national events (gender-disaggregated)</p> <p># GCIP alumni receiving mentoring and partnership support (networking, introductions etc.)</p> <p>Membership of NGIN (gender-disaggregated)</p> <p># USD raised for cleantech entrepreneurs (% to women led business)</p> <p># training for FIs and investors on gender-lens</p>	<p>None</p>	<p>200 participants attending peer-networking events, alumni events, high level forums, workshops (at least 35% women)</p> <p>>15 GCIP alumni receiving mentoring and partnership support (networking, introductions etc.)</p> <p>Membership of NGIN (at least 35% women)</p> <p># training for FIs and investors on gender-lens investment or gender sensitization</p> <p># participants attending forums (gender-disaggregated)</p> <p>Gender responsive presentation material</p> <p>Gender responsive outreach</p> <p># targeted events for women</p>	<p>Project documentation</p> <p>Company reporting</p> <p>Participant lists and forum schedules</p> <p>Training records</p> <p>Training participant lists and feedback</p> <p>Tracking tools</p> <p>Meeting notes</p>	<p>Continuous support from the Government and national partner institutions</p> <p>Commitment from project partners and committed participation of SMEs and entrepreneurs</p> <p>Sufficient commitment and participation by national experts and mentors</p> <p>Interest from impact investors in cleantech</p>

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
	investment or gender sensitization # investors trained (gender-disaggregated) # participants attending forums (gender-disaggregated) Gender responsive presentation material Gender responsive outreach # targeted events for women # of partners that promote GEEW # GCIP alumni receiving mentoring and partnership support (gender-disaggregated)				

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
Component 2: Cleantech innovation and entrepreneurship ecosystem (CIEE) strengthening and connectivity					
Pillar 2: Ecosystem building					
Outcome 2.1: The CIEE in Cambodia is strengthened and interconnected	Capacity of relevant national institutions to coordinate and accelerate investments into Cleantech start-ups/SMEs is enhanced	Low national capacity to coordinate and accelerate investments	Relevant national institutions supported with specific insights as to the needs of the cleantech industry within the four sectors of national priority: agriculture, industry, manufacturing and hospitality	Project progress and evaluation reports Best practice policy report Surveys from training and capacity building sessions participants Meeting minutes	Continuous support and participation from Government of Cambodia and national partner institutions Sufficient capacity to undertake policy gap analysis and formulate applicable recommendations Capacity building and training sessions are assumed to accommodate women's needs and schedules

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
Output 2.1.1. An Alumni Network is established and supported to allow peer-learning and foster partnerships	<p># of Alumni Networks established</p> <p># of alumni included in the network</p> <p># partner institutions' staff trained to be able to operate platform and organize competition and accelerator programme (gender-disaggregated)</p> <p>%/# of stakeholders that participated in gender-sensitization and completed 'I-know-gender' trainings</p> <p>Youth and gender mainstreaming strategy</p> <p># students trained on Cleantech Entrepreneurship</p>	Limited access to entrepreneurial networks	<p>4 alumni networks established (1 per sector, 100 per network)</p> <p># partner institutions' staff trained to be able to operate platform and organize competition and accelerator programme (>35% women participants)</p> <p>%/# of stakeholders that participated in gender-sensitization and completed 'I-know-gender' trainings (>35% women participants)</p> <p>Youth and gender mainstreaming strategy (>35% women participants)</p> <p># new Entrepreneurship trainers (>35% women participants)</p> <p>%/# of students that participated in gender-sensitization trainings (>35% women participants)</p>	<p>Number of alumni identified and included on the networking mailing list and other coordination tools</p> <p>Number of online tools to facilitate alumni networking</p>	Lack of participation in alumni network

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
	<p>(gender-disaggregated)</p> <p># new Entrepreneurship trainers (gender-disaggregated)</p> <p>%/# of students that participated in gender-sensitization trainings</p>				

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
Output 2.1.2 Cleantech innovation and entrepreneurship policies, regulations and recommendations are developed	<p># Policy analysis report</p> <p>#cleantech innovation policy workshop</p> <p># Policies and regulations developed to promote clean technology innovations in SMEs</p> <p># Recommendations reports on digital policy</p> <p>% of attendants at policy consultation workshops who are women (gender disaggregated)</p> <p># policy clauses relating to gender equality</p>	<p>Limited coordination between stakeholders</p> <p>Limited capacity of stakeholders to sustain cleantech acceleration</p> <p>Limited commercialisation support</p>	<p>1 Policy analysis report</p> <p>1 cleantech innovation policy workshop</p> <p>1 Policies and regulations developed to promote clean technology innovations in SMEs</p> <p>1 Recommendations report on digital policy</p> <p>At least 30% of attendants at policy consultation workshops are women</p> <p>At least 1 policy clause relating to gender equality</p>	<p>Project progress reports / project documentation</p> <p>The final project evaluation report</p> <p>Policy documents</p> <p>Meeting minutes and attendance records</p> <p>GCIP Cambodia website</p>	<p>Continuous support from the Government and national partner institutions</p>

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
Output 2.1.3 Linkages, collaboration, and synergies across CIEEs are promoted	<p>#Forums developed to create more supportive environment for clean energy technology innovations in/by SMEs</p> <p># attendees at stakeholder meetings (>35% women participants)</p> <p># of associations included in the consultations that promote GEEW</p>	Current policy and institutional frameworks are new and require more information sharing on the needs and progress of clean energy technology innovations	<p>100 attendees at Global GCIP Forum (virtual attendees included, at least 35% women)</p> <p>5 additional GCIP Forum events (20 attendees at each)</p> <p>At least 2 associations included in the consultations that promote GEEW</p>	<p>Project progress and evaluation reports</p> <p>Meeting notes and participant lists</p> <p>Agreements Insomina records</p>	<p>Continuous support from Government of Cambodia and national partner institutions</p> <p>Continuous support from the Government and national partner institutions</p> <p>Interest from cleantech innovators and from national and global stakeholders</p>
Component 3: Project Coordination and Coherence					
Pillar 3: Programme coordination and coherence					
Outcome 3.1: Efficiency and sustainability of the GCIP Cambodia is ensured through programme coordination and coherence with other GCIP country projects	Increased capacity and strengthened partnerships for replication and scale-up of GCIP interventions in Cambodia and in the region	Non-existent standards and tools to enable the replication, scale-up and sustainability of cleantech / innovative business ventures	Effective toolkit and skillset in place to enable the replication and scale-up of GCIP interventions	<p>Project progress and evaluation reports</p> <p>Web platform</p> <p>GCIP Theory of Change</p>	Lessons from the Cambodian GCIP experience are effectively shared and aligned with learning processes within the global GCIP

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
Output 3.1.1 The GCIP internal guidelines for project management teams are adapted and implemented by the GCIP Cambodia	<p>#Global GCIP methodologies, tools and standards adapted and followed</p> <p>#PMU training sessions attended</p> <p>GCIP Cambodia sustainability and exit strategy</p>	N/A	<p>Operational GCIP methodologies, tools and standards adapted and followed for Cambodia</p> <p>GCIP Cambodia sustainability and exit strategy</p>	<p>Project progress and evaluation reports</p> <p>Web platform</p>	<p>Sufficient commitment and participation by national experts and mentors</p> <p>Continuous support from the Government and national partner institutions</p>
Output 3.1.2 Programme-level knowledge management, communication and advocacy strategy is adapted and implemented by the GCIP Cambodia	<p>Gender responsive, knowledge management, communication and advocacy strategy and action plan for GCIP Cambodia</p> <p>Awareness raising and marketing material available for the public</p> <p>Awareness raising and marketing material available for entrepreneurs and officials</p> <p># briefing sessions</p>	<p>No strategy</p> <p>Lack of awareness of cleantech</p> <p>Shortage of effective and good quality public awareness raising and marketing material on cleantech</p>	<p>Gender responsive knowledge management, communication and advocacy strategy and action plan for GCIP Cambodia</p> <p>Public awareness raising, marketing and training material developed and adapted for Cambodia and made available in printed and electronic format</p> <p>>3 briefing sessions</p>	<p>Website and project documents</p> <p>Social media</p> <p>Programmes and attendance lists for regional and international events GCIP</p>	<p>Sufficient commitment and participation by national experts and mentors</p> <p>Continuous support from the Government and national partner institutions</p>

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
	# press releases # social media activity		>6 press releases Monthly social media activity		
Outcome 3.2: Impacts and progress of the GCIP Cambodia are tracked and reported	Systems established for effective project implementation, responsive management and tracking of project results	N/A	Efficient M&E system is in place	M&E reports produced and verified	M&E is undertaken efficiently and in accordance with the Programmatic framework

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
Output 3.2.1 The GCIP methodology for impact assessment is adapted and applied	number of trainings on the GCIP methodology for impact assessment (gender responsive) number of participants in trainings on the GCIP methodology for impact assessment number of GCIP Cambodia impact reports	None	At least 3 trainings 90-100 (at least 35% women) participants 5 Impact reports	Project progress reports Training attendance records	Sufficient commitment and participation by national experts and mentors Continuous support from the Government and national partner institutions
	Impact of GCIP tracked according to programme-level guidelines	N/A	Impact data uploaded to website MTR report Terminal Evaluation Annual progress reports	Project reporting and project correspondence Global GCIP impact tracking Websites of Global GCIP and Cambodian GCIP Project documents MTR report	M&E is undertaken efficiently and effectively; project participants are willing to make adjustments as the MRV findings indicate

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
				Terminal Evaluation Project completion report Annual progress reports	
Output 3.2.2 i. Project activities are tracked and reported based on the GCIP monitoring and evaluation (M&E) framework, as well as an external mid-term review is conducted	Project-level M&E system established, indicators tracked (incl. GHG emissions global environmental benefits, energy saved and increase in installed renewable energy capacity, job creation and investment	N/A	M&E plan for Cambodia Progress reports every six months (including progress report on gender action plan and all related gender-responsive targets) External mid-term evaluation report halfway through project implementation	Project reporting and project correspondence Global GCIP impact tracking Websites of Global GCIP and Cambodian GCIP	Continuous support from the Government and national partner institutions Sufficient commitment and participation by national experts and mentors

Appendix 1. PROJECT RESULTS FRAMEWORK

Results	Indicators	Baseline	Targets	Means of Verification	Assumptions and Risks
	leveraged and reported which then feeds into PIRs, MTRs and TEs) and disaggregated by gender M&E plan for GCIP Cambodia Progress reports on Gender action plan, ESMP, SEP, Risk Management			Project documents	
ii. Independent terminal evaluation is conducted	Independent Terminal evaluation report	N/A	Independent Terminal evaluation report (including evaluation on execution of gender action plan and all related gender dimensions, ESMP, SEP and Risks)	Project reporting and project correspondence Global GCIP impact tracking Websites of Global GCIP and Cambodian GCIP Project documents	Continuous support from the Government and national partner institutions Sufficient commitment and participation by national experts and mentors



Appendix 2:

Annual Work Plan

for the period

05 May 2022 to 31 December 2022

Global Cleantech Innovation Programme: Accelerating cleantech innovation and entrepreneurship in start-ups and SMEs in Cambodia (GCIP Cambodia)

UNIDO Project No.: SAP 190057

Project Execution Agreement No. 3000099594

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1. INTRODUCTION

Global Cleantech Innovation Programme: Accelerating cleantech innovation and entrepreneurship in start-ups and SMEs in Cambodia (GCIP Cambodia) aims to support and nurture clean energy technology entrepreneurship and innovation. This project is developed as a child project of the GEF UNIDO Global Cleantech Innovation Programme (GCIP) Framework (GEF ID 10460).

GCIP Cambodia has three components, in line with the GCIP Framework, which have been designed based on the current needs of developing countries and GCIP partner countries including Cambodia, as well as recommendations from the GEF's independent evaluation of GCIP conducted in 2018, and with feedback from the previous nine GCIP country projects implemented between 2013 and 2019.

As part of the GCIP Framework, the GCIP Cambodia will receive support from the GCIP global coordination child project (GEF ID: 10461). More specifically, the Techo Startup Center (TSC), which has been selected as the national project executing entity (NPEE), will be supported by global project executing entities (global PEEs), including the Network for Global Innovation (NGIN), the Cleantech Group (CTG), the Private Financing Advisory Network (PFAN), and UNIDO.

In particular, the project will:

- 1) *Transform early-stage innovative cleantech solutions into scalable enterprises;*
The focus will be on very early-stage innovative cleantech solutions and provision of acceleration support related to entrepreneurship and business skills training. In addition, targeted technical assistance will be offered to the SMEs that were accelerated and have traction and sales evidence, but which still need specialized enterprise growth support. Furthermore, SMEs in the expansion stage will receive tipping-point investment facilitation services to raise investment.
- 2) *Strengthen the capacities of cleantech innovation and entrepreneurship ecosystem (CIEE) stakeholders and connect them;*
Activities are designed to maximize the impact of GCIP by strengthening national cleantech ecosystems of GCIP partner countries, identifying synergies across national ecosystems, and connecting ecosystems for knowledge exchange and partnership building. At the national child project level, development of policies and regulations to promote cleantech innovation will be prioritised.
- 3) *Engage with the GCIP global coordination child project to ensure programme coordination and coherence;*
In order to maintain coherence and standards of GCIP execution across multiple countries, GCIP guidelines will be developed under the GCIP Global and disseminated as a tool for national child projects for adaptation and adoption.

Techo Startup Center was selected as NPEE adopts the co-innovation model by teaming up with Cambodian entrepreneurs, and young talents in a way all could benefit from working collectively toward a common goal to build tech startups, founded on innovation, which can be launched and scaled up into successful businesses.

Main Outputs for the Current Period of the Work Plan

This section will describe the outputs and the activities that are planned for Year 1 started from 5th May 2022 to 31st December 2022:

Table 1: Main activities correspond to project outputs

Activities	
Outcome 1.1	Early-stage cleantech innovations are accelerated
Output 1.1.1	The GCIP guidebooks and methodologies are adapted for the GCIP Cambodia
Activity 1.1.1a	Adapt the GCIP guidebooks to the Cambodian context and disseminate them TSC reviews the GCIP guidebooks for Accelerator, Advanced Accelerator, and Post-Accelerator; to share suggestions for improvement of the GCIP guidebooks with NGIN; to adapt the GCIP guidebooks to reflect the context of Cambodia's CIEE, including market conditions, gender context, policy environment, development priorities, technology focus, local examples, etc. (i.e. to develop the GCIP Cambodia guidebooks); to organize information and consultation sessions with relevant stakeholders; to disseminate the GCIP Cambodia guidebooks among relevant stakeholders (translation required).
Activity 1.1.1b	Identification of criteria for cleantech mentors, judges and coaches, integrating gender-sensitivity within the approach - technical, financial, and gender consultants
Activity 1.1.1c	Development of methodologies, tools and training materials and certification system, including integration of the gender approach
Output 1.1.2	Pool of cleantech innovation and entrepreneurship experts (trainers, mentors, judges) is trained and certified to support the GCIP Cambodia Accelerator ((at least 30 cleantech experts identified and trained with at least 35% of women participants))
Activity 1.1.2a	Training and certification of selected cleantech experts, with inputs from Global GCIP - technical, financial, and gender consultants NGIN: Support provided to national PEEs to develop the GCIP cleantech innovation and entrepreneurship expert training and certification system for the GCIP Cambodia experts (trainers, mentors, judges), including training curricula/materials, guidance on the training delivery methods, and certification requirements. NGIN will also develop an assessment framework for evaluation of experts (trainers, mentors, judges), as well as to facilitate the expert accreditation at global institutions/initiatives.
Activity 1.1.2b	Gender expert to oversee gender-related outcomes and the integration of gender-sensitive project implementation throughout the programme - gender consultant
Outcome 1.2	Start-ups and SMEs are supported through advanced and gender-responsive business growth and investment facilitation services
Output 1.2.1	An early-stage development fund is created to provide pre-seed and seed financing support to entrepreneurs and start-ups (at least 12 firms achieving eligibility criteria with at least 35% of women participants)
Activity 1.2.1 a	Identification and design of an early-stage development fund with co-finance partners and national programmes
Outcome 2.1	The CIEE in Cambodia is strengthened and interconnected
Output 2.1.1	An Alumni Network is established and supported to allow peer-learning and foster partnerships
Activity 2.1.1 a	Establishment of online tools and maintenance of a web-based platform for the alumni network - technical consultants
Outcome 3.1	Efficiency and sustainability of the GCIP Cambodia is ensured through programme coordination and coherence with other GCIP country projects
Output 3.1.1	The GCIP internal guidelines for project management teams are adapted and implemented by the GCIP Cambodia
Activity 3.1.1 b	Integration of standardised methodologies and other best practices from the global programme
Output 3.1.2	Programme level knowledge management, communication and advocacy strategy developed at global level and implemented in child projects
Activity 3.1.2 a	Knowledge management, advocacy and communication strategy adapted for Cambodia from Global GCIP
Outcome 3.2	Impacts and progress of the GCIP Cambodia are tracked and reported
Output 3.2.1	Project activities are tracked and reported based on the GCIP monitoring and evaluation (M&E) framework
Activity 3.2.1a	Annual Progress Report
Activity 3.2.2b	Annual Financial Expenditure Report

Pending Output from Previous Work Plan Period(s)

There is no pending output in this Work Plan since it is the first Work Plan prepared by Project Executing Entity.

2. ACTIVITY BASED WORK PLAN

2.a Main Activity-based Work Plan

This section contains activities to be completed in Work Plan for 5 years, however only the activity to be carried out within year one will be elaborated in detail and otherwise will be left blank.

Table 2: Main activity-based workplan

Component	Outcome	Output	Activity	Deliverables	Methodology/measures to conduct designated activities	Responsibility (identify functional title)	Y1				Y2	Y3	Y4	Y5
							Q1	Q2	Q3	Q4				
1. Transforming early-stage innovative cleantech solutions into scalable enterprises														
	1.1 Early-stage cleantech innovations are accelerated.													
	1.1.1 The GCIP guidebooks and methodologies are adapted for the GCIP Cambodia													
			Activity 1.1.1 a Adapt the GCIP guidebooks to the Cambodian context and disseminate them TSC reviews the GCIP guidebooks for Accelerator, Advanced Accelerator, and Post-Accelerator; to share suggestions for improvement of the GCIP guidebooks with NGIN; to adapt the GCIP guidebooks to reflect the context of Cambodia's CIEE, including market conditions, gender context, policy environment, development priorities, technology focus, local examples, etc. (i.e. to develop the GCIP Cambodia guidebooks); to organize information and consultation sessions with relevant stakeholders; to disseminate the GCIP Cambodia guidebooks among relevant stakeholders (translation required).	- GCIP guidebooks adapted	-Review and share suggestions to NGIN -Translation	TSC & NGIN								
			Activity 1.1.1 b Identification of criteria for cleantech mentors, judges and coaches, integrating gender-sensitivity within the approach - technical, financial, and gender consultants	- Assessment conducted and report delivered		TSC & NGIN								
			Activity 1.1.1 c Development of methodologies, tools and training materials and certification system, including integration of the gender approach	- Training curriculum is provided in content for national needs and priorities - Methodologies, tools, training materials, and certification system is developed	-Review and share suggestions to NGIN - Customization of global curriculum and training content for national needs and priorities.	TSC & NGIN								

		<p>Activity 1.1.3 b Three accelerator rounds targeting each of the four project sectors</p> <p>NGIN: As a service to the Cambodia GCIP, NGIN will pilot a Global Innovation Challenge as part of the GCIP Global Accelerator (as from 2022).</p> <p>As part of the support package outlined in Activity 1.1.2 a; NGIN will provide in -country training support to facilitate national academies, and development of participating national teams. Support would also include the capacitation of national mentors and trainers. (Year 1).</p>															
		<p>Activity 1.1.3 c Help desk services to support the accelerator activities from Global GCIP</p> <p>NGIN: To provide ongoing technical support via an accelerator "help desk" for the entrepreneurs, experts, judges, mentors and TSC staff, as needed (Year 2, \$4,650).</p>															
1.2 Start-ups and SMEs are supported through advanced and gender-responsive business growth and investment facilitation services																	
1.2.1 An early-stage development fund is created to provide pre-seed and seed financing support to entrepreneurs and start-ups (at least 12 firms achieving eligibility criteria with at least 35% of women participants)																	
		<p>Activity 1.2.1 a Identification and design of an early stage development fund with co-finance partners and national programmes</p>	<p>Early-stage development fund is identified/ developed.</p>			TSC											
		<p>Activity 1.2.1 b Provision of seed funds to entrepreneurs and start-ups</p>															
1.2.2 Technology verification, product development and market entry support are provided (at least 15 start-ups (with at least 35% women participants) for post-acceleration support per year)																	
		<p>Activity 1.2.2 a Provision of training and business growth support to selected cleantech entrepreneurs and SMEs through advanced acceleration services, i.e., identification of mentors, bespoke mentoring around actions, weekly calls, workshopping financial models with mentors</p>															
		<p>Activity 1.2.2 b Validation of selected business models, prototypes and technologies</p>															
1.2.3 Mentoring and partnership support is provided to cleantech enterprises (up to 10) for global market expansion in collaboration with the global GCIP network																	

		<p>Activity 1.2.3 a Provision of mentorship and partnerships for cleantech enterprises NGIN: to provide networking assistance and mentorship matchmaking to the GCIP Cambodia alumni nominated by the TSC</p> <p>NGIN: to develop additional training support for advanced acceleration, post-acceleration and for priority technology and industry sectors and make available to TSC (as a service to the Cambodia GCIP).</p>																
		<p>Activity 1.2.3 b GCIP Global Accelerator</p> <p>NGIN: to provide application assistance to the GCIP Cambodia alumni nominated by the TSC for support by the GCIP Global Accelerator (as a service to the Cambodia GCIP).</p>																
2. Cleantech innovation and entrepreneurship ecosystem (CIEE) strengthening and connectivity																		
2.1 The CIEE in Cambodia is strengthened and interconnected																		
2.1.1 An Alumni Network is established and supported to allow peer-learning and foster partnerships																		
		<p>Activity 2.1.1 a Establishment of online tools and maintenance of a web-based platform for the alumni network - technical consultants</p>	<p>Review and - feedback provided to GCIP Global on its web platform</p> <p>- Report on support provided submitted to UNIDO</p>			TSC												
		<p>Activity 2.1.1 b Organisation of matchmaking events for investment facilitation through coordination and cooperation with relevant project stakeholders-- connectivity of individuals to financing institutes.</p>																
2.1.2. Cleantech innovation and entrepreneurship policies, regulations and recommendations are developed																		
		<p>Activity 2.1.2 a Localisation of global framework to Cambodia</p> <p>CTG: Module 1: National Policy Localization: 1. Build off of global policy exercises to create baselines assumptions for national project 2. Highlight opportunities for improvement, supported by examples from case studies and observed best practices 3. Identify policies that may be inhibiting innovation 4. Framework for translation of global findings and best practices into national actions 5. Suggest KPIs to account for additional details 6. Revise opportunities and challenges observed at global level 7. Recap findings from global evaluations, frameworks and workshops (year 2)</p>																

		Activity 2.1.2 b To develop recommendations for the cleantech innovation and entrepreneurship policy; and to conduct a stakeholder engagement and capacity building workshops to discuss and validate the gap analysis report and the policy recommendations																
2.1.3 Linkages, collaboration, and synergies across CIEEs are promoted																		
		Activity 2.1.3 a to promote cooperation (in particular bilateral and regional cooperation) and facilitate its formalization between the GCIP Cambodia with other GCIP CIEEs in the region																
3. Project Coordination and Coherence																		
3.1 Efficiency and sustainability of the GCIP Cambodia is ensured through programme coordination and coherence with other GCIP country projects																		
3.1.1 The GCIP internal guidelines for project management teams are adapted and implemented by the GCIP Cambodia																		
		Activity 3.1.1 a Written case studies, identification of best practices and creation of learning tools for sharing with the global programme																
		Activity 3.1.1 b Integration of standardised methodologies and other best practices from the global programme	- The GCIP Operational Guideline is adapted for PMU	Review and adapt the GCIP Operational Guideline.	TSC													
3.1.2 Programme level knowledge management, communication and advocacy strategy developed at global level and implemented in child projects																		
		Activity 3.1.2a Knowledge management, advocacy and communication strategy adapted for Cambodia from Global GCIP	Evidence of Workshop (can be hosted or attended if any)brochures, , promotional materials, social mediaor other types of promotional materials	Communication and Outreach Plan	TSC													
		Activity 3.1.2 b Sustainability and exit strategy is developed																
3.2 Impacts and progress of the GCIP Cambodia are tracked and reported																		

3.2.1 The GCIP methodology for impact assessment is developed and applied													
		Activity 3.2.1 a Annual Progress Reports	- Annual progress report submitted to PSC for review and acceptance. Thereafter, submitted to UNIDO	TSC shall Prepare the Annual Progress Report and submit to PSC for review and acceptance, then submit to UNIDO.	TSC								
		Activity 3.2.1 b Mid-term Review											
3.2.2 Project activities are tracked and reported based on the GCIP monitoring and evaluation (M&E) framework as well as an external mid-term review is conducted													
		Activity 3.2.2 a Independent terminal evaluation - technical consultants											
		Activity 3.2.2 b Annual Financial Expenditure Report	- Expenditure Report is prepared and submitted to UNIDO	TSC shall prepare the Expenditure Report	TSC								

2.b Project Risk Mitigation Work Plan

The following table listed on the risk mitigation work plan of the project for 5 years which was identified during the project preparation and extracted from the project document:

Table 3: Project Risk Mitigation Work Plan

Risk Identification		Risk analysis		Risk Treatment			Follow-up of risks
Description of Risk	Period of identification	Probability	Potential Impact	Mitigation Action(s)	Responsible	Dead-line	Progress and Status Occurrence of risk and update on mitigation actions taken so far
Project Objective Risks							
Limited interest shown by the public, and industry, for the advanced acceleration and post- acceleration GCIP support leads to too few applications or applications of low quality	From PPG to the inception phase	Low	Low	In order to ensure that adequate and high quality applications are made to the accelerators, the project design includes a variety of mitigation measures: 1) The PMU has been selected to include two organisations with a long track record and wide network within Cambodia to coordinate the accelerator application process and execution; 2) SMEs that are already established and looking to move into cleantech will be eligible, thus widening the pool of potential applicants; 3) roadshows; outreach and pre-incubation programmes will be run in order to foster a higher quantity and higher quality of application to the GCIP.	PMU	End of 2022	N.A
Macroeconomic/ country risk (including Covid-19 risks)	From PPG to the inception phase	Low	Low	The COVID-19 pandemic has significantly impacted Cambodia's economy in 2020 during a year when Cambodia also faces the partial suspension of preferential access to the EU market under the "Everything but Arms" initiative. Most of Cambodia's main engines of growth slowed in the first quarter of 2020, including weakened tourism and construction activity due to the pandemic. As described in the baseline section, the GCIP project aligns closely with Cambodia's. Low national development strategies and it is expected that government support continues for the diversification of the economy and support for entrepreneurs and innovators. The project has been designed to flexibly respond to a macroeconomic slowdown through the creation of an early-stage development fund in the first year (including a feasibility assessment that takes Covid- 19 into account) and through its focus on capacity building, which will enhance economic resilience during potential macroeconomic shocks.	PMU	End of 2022	N.A

Risk Identification		Risk analysis		Risk Treatment			Follow-up of risks
Description of Risk	Period of identification	Probability	Potential Impact	Mitigation Action(s)	Responsible	Dead-line	Progress and Status Occurrence of risk and update on mitigation actions taken so far
Lack of political support for innovative clean technologies	From PPG to the inception phase	Low	Low	<p>The executing entity has been established by the Ministry of Economy and Finance, thus ensuring that there is political buy-in for the project at the highest levels. The project has been carefully designed through a comprehensive stakeholder consultation process to ensure buy-in from the full range of ministries and influential institutions in Cambodia.</p> <p>Within Component 2, the project will focus on strengthening the policy and institutional framework to promote clean technology innovations and entrepreneurship together with the Cambodian government. An integral part of the project will be advocacy and awareness raising activities in order to support a conducive policy and regulatory environment.</p>	PMU	End of 2022	N.A
Sustainability risk	From PPG to the inception phase	Medium	Medium	<p>Sustainability will be ensured through the strategic use of institutional arrangements to ensure that the GCIP objectives are embedded within long-term Cambodian governance structures at the end of the GCIP. 1) Both the TSC and the Khmer Enterprise Development Fund have been created by the Ministry of Economy and Finance. It is envisaged that pre-seed and seed support to the start-ups under Component 1 will eventually be covered by the Khmer Enterprise Development Fund. In addition, national institutional capacity building will ensure development of adequate skill and expertise to run the programmes.</p>	PMU	End of 2022	N.A
Lack of effective coordination between various project partners	From PPG to the inception phase	Low	Low	<p>Proper coordination will be sought through the Project Management Unit and ad-hoc working groups will be established if necessary.</p>	PMU	End of 2022	N.A
Incentive and financial support system are insufficient	From PPG to the inception phase	Low	Low	<p>Linkages to other financing schemes for clean energy technology promotion and innovation programmes will be established as early as possible. The establishment of the financing mechanism will be of the highest priority.</p> <p>The proposed child project will facilitate applications of entrepreneurs to existing start-up supporting finance programmes.</p> <p>Exposure of start-up/SME supported entities to regional and global investors and partners will</p>	PMU	End of 2022	N.A

Risk Identification		Risk analysis		Risk Treatment			Follow-up of risks
Description of Risk	Period of identification	Probability	Potential Impact	Mitigation Action(s)	Responsible	Dead-line	Progress and Status Occurrence of risk and update on mitigation actions taken so far
				be ensured.			
Low success rate of new innovative cleantech businesses	From PPG to the inception phase	Medium	Medium	<p>The GCIP aims to promote an innovation and entrepreneur ecosystem by identifying and nurturing cleantech innovators and entrepreneurs with skills required to develop and commercialize their innovations.</p> <p>This project will focus on comprehensive advanced competition and post-competition acceleration, by linking Alumni with potential investors and by "derisking" them for financial institutions.</p> <p>This approach will support selected innovators and entrepreneurs to overcome the "Valley of Death" towards sustainable business.</p>	PMU	End of 2022	N.A
Climate Change Risks	From PPG to the inception phase	Low	Low	There are no explicit climate change risks foreseen for the achievement of the project's objectives.	PMU	End of 2022	N.A
Covid-19 Risks							
Technical expertise is not readily available due to the pandemic	From PPG to the inception phase	Low	Low	<p>Necessary efforts will be made to identify alternative technical experts in case it is required.</p> <p>Planning will be flexible enough to reschedule activities onsite that require specific expertise</p>	PMU	End of 2022	N.A
Possible re-instatement of COVID-19 containment measures limits available capacity or effectiveness of project execution/ implementation	From PPG to the inception phase	Medium	Medium	<p>The capacity of stakeholders, and especially the beneficiaries, for remote-work and online interactions will be strengthened by securing access to commercially available conferencing systems.</p> <p>The current design of the curriculum for entrepreneurs is based on online interactions and deliverables, using webinars and web platforms, and therefore COVID-19 is not expected to pose a significant risk to the conduct of the acceleration cycles</p>	PMU	End of 2022	N.A
Some project supporters, co-financiers or beneficiaries may not be able to continue with project execution/implementation	From PPG to the inception phase	Low	Low	The situation will be closely monitored in order to find alternate supporters or co-financiers, or to readjust the list of beneficiaries if needed.	PMU	End of 2022	N.A

Risk Identification		Risk analysis		Risk Treatment			Follow-up of risks
Description of Risk	Period of identification	Probability	Potential Impact	Mitigation Action(s)	Responsible	Dead-line	Progress and Status Occurrence of risk and update on mitigation actions taken so far
Price increases for procurement of goods/services	From PPG to the inception phase	Medium	Medium	The project team will undertake efforts needed to find alternative providers and make sure that competitive pricing is obtained.	PMU	End of 2022	N.A
Outcome-based Climate Risks							
Participation at events due to heat stress/flooding Technologies supported, increase the likelihood of adverse effects that exacerbate climate risk Failure of business supported by GCIP due to risk from hazards within the project area	From PPG to the inception phase	Moderate	Moderate	Some of the support is intended to be face to face. However if this is not possible due to climate events then training/events will be organized online with the aim of providing an experience as close as possible to the physical events, with side events and one to one meetings also possible. 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. GIZ's Climate Expert Tool, for example 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.	PMU	End of 2022	N.A
In-country financing diluted or diverted to disaster and resilience	From PPG to the inception phase	Low	Low	Introduce new categories of technologies to address some of the prevailing climate risk; Facilitate the connectivity of eco systems and greater opportunities for scaling-up of innovations across different countries and globally through the global programme; Raise awareness with PMUs to access climate risk on an annual basis; Increase impact tracking and monitoring of Climate Risk profile through tools like "Think Hazard".	PMU	End of 2022	N.A

Risk Identification		Risk analysis		Risk Treatment			Follow-up of risks
Description of Risk	Period of identification	Probability	Potential Impact	Mitigation Action(s)	Responsible	Dead-line	Progress and Status Occurrence of risk and update on mitigation actions taken so far
Diverted human and political resources and stakeholder attention to disaster and resilience measures	From PPG to the inception phase	Low	Low	<p>Enhance visibility, credibility and understanding of identified solutions to the local political community through the stakeholder engagement plan and communication plan;</p> <p>Support policy roadmaps that anticipate the effects of possible climate risk factors through project outcome 2.</p> <p>Through the global programme ensure coordination and cooperation among GCIP national execution partners for knowledge and experience sharing on how to anticipate and mitigate the risks identified.</p>	PMU	End of 2022	N.A
Floods and droughts endangering cleantech production infrastructure, deployment, and disbursement	From PPG to the inception phase	Low	Low	Once accelerated cleantech SMEs/Start-ups are starting to scale up the production of their products or services, climate risks, such as floods could slow down the entire process. However, based on the availability of domestic Early Warning System (1294), cleantech products will be able to avoid severe damages to the deployment and disbursement of products and services.	PMU	End of 2022	N.A

Note: The above identified inputs on “Potential Impact” and “Responsible” are solely based on assumption, these shall be revisited and re-evaluated once experts are hired, and later throughout implementation of the project.

2.c Stakeholder Engagement Work Plan

The following table emphasized on stakeholder engagement work plan for 5 years which was identified during the project preparation in Annex J of the project document:

Table 4: Stakeholder Engagement Plan

Stakeholder /group	Purpose	Engagement method	Materials to be used /Reporting	Location	Responsible organisation, person	Frequency/ date
Direct Beneficiaries		Project website, training, webinars, workshops, contact with mentors/coaches, project reports and flyers, e-newsletter.	Website posting, emails, on-the-job interaction, presentations, training material, project reports, e-newsletters, briefings, press releases, social media,	Electronic, Project office, at beneficiaries' site, training/ workshop venues	Project team and Communications Department	Continuous
Government ministries		Meetings, training, workshops, official letters, email, website, reporting, e-newsletter	Website posting, emails, presentations, training material, project reports, e-newsletters, briefings, press releases, social media,	Electronic, Project office, Government offices, training/ workshop venues	Project team and Communications Department	As required
Civil society		Project website, stakeholder consultation workshops, e-newsletters, direct meetings, reporting	Website posting, project reports, e-newsletters, briefings, press releases, social media, presentations	Electronic, Project office, workshop venues	Project team and Communications Department	Continuous
PMU/PEE employees		Meetings, emails, phone calls, exchange of minutes, memos and official letters, website	Emails, face-to-face meetings, website, training material (including on-the-job training)	Project office, electronic, training venues	Project team and communication	Continuous
Private sector (SMEs, associations, social enterprises, judges, mentors)		Direct meetings, training, supervision, official letters, email, website, reporting, e-newsletter, fora, workshops	Website posting, emails, presentations, training material, project reports, e-newsletters, briefings, press releases, social media,	Electronic, Project office, training/ workshop venues	Project team and Communications Department	As required

Stakeholder /group	Purpose	Engagement method	Materials to be used /Reporting	Location	Responsible organisation, person	Frequency/ date
Finance institutions, angel investors, venture capitalists		Training, investor connect for a, direct meetings and mail regarding investment, website, ecosystem network	Website posting, emails, presentations, training material, project reports, e-newsletters, briefings, press releases, social media,	Electronic, Project office, training/ workshop venues	Project team and Communications Department	As required
International /Multi and bilateral agencies		Direct meetings, Official letters, email, website, reporting, e-newsletter, fora, workshops	Website posting, presentations, project reports, e-newsletters, briefings, press releases, social media,	Electronic, Project office, at agencies" offices, workshop venues	Project team and Communications Department	Continuous

2.d Environmental and Social Management Plan

The following table show the Environmental and Social Management Plan for 5 years which was identified during the project preparation and indicated on the Annex L of the project document:

Table 5: Environmental and Social Management Plan

E&S risks	Mitigating Measure	Details of the mitigation technology, process, equipment, design and operating procedures	Location	Timeline, including frequency, start and end date	Responsibility
Increasing GHG emissions due to selection of clean technology (e.g., blockchain, land use change...)	Strict E&S criteria and screening of potential cleantech supported to minimize negative impacts of cleantech	-Every application for support from the accelerator and post-acceleration will need to meet strict criteria including environmental and social impacts. The possible environmental and social impacts, and any mitigation measures proposed, of each technology will be assessed by an expert. Where necessary, expertise will be used to help the entrepreneurs to minimise the negative impacts. For example, use of renewable energy for powering IT systems. -Note that expertise will also be used to help the entrepreneurs to maximize the environmental benefits associated with the cleantech innovation. -If the mitigation measures are not sufficient then that technology will not be supported by GCIP	National	Annual – during accelerator and post-accelerator support selection	PEE & E&S experts

<p>Unintended harmful environmental impacts from hazardous materials used in cleantech innovations (e.g., mining, manufacture and decommissioning of batteries/PV)</p>	<p>Strict E&S criteria and screening of potential cleantech supported to minimize negative impacts of cleantech</p>	<p>-Every application for support from the accelerator and post-acceleration will need to meet strict criteria including environmental and social impacts. -The possible environmental and social impacts, and any mitigation measures proposed, of each technology will be assessed by an expert. Where necessary, expertise will be used to help the entrepreneurs to minimise the negative impacts. For example, use of additional training. The alignment of proposed technologies will be reviewed against local climate risks in the target markets, as part of the support provided within the accelerator. -Note that expertise will also be used to help the entrepreneurs to maximize the environmental benefits associated with the cleantech innovation. -If the mitigation measures are not sufficient then that technology will not be supported by GCIP. -Adaptation strategies will also be prepared if necessary. GIZ's Climate Expert Tool could be used as one tool available by entrepreneurs and GCIP mentors and judges.</p>	<p>National</p>	<p>Annual – during accelerator and post-accelerator support selection</p>	<p>PEE and E&S experts</p>
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Unintended pollution / waste disposal from the cleantech innovations	Strict E&S criteria and screening of potential cleantech supported to minimize negative impacts of cleantech	<p>-Every application for support from the accelerator and post-acceleration support will need to meet strict criteria including environmental and social impacts.</p> <p>-The possible environmental and social impacts, and any mitigation measures proposed, of each technology will be assessed by an expert. Where necessary, expertise will be used to help the entrepreneurs to minimise the negative impacts. For example, use additional training, use of licensed waste operators. The alignment of proposed technologies will be reviewed against local climate risks in the target markets, as part of the support provided within the accelerator.</p> <p>- Note that expertise will also be used to help the entrepreneurs to maximize the environmental benefits associated with the cleantech innovation.</p> <p>-If the mitigation measures are not sufficient then that technology will not be supported by GCIP.</p> <p>-Adaptation strategies will also be prepared if necessary. GIZ's Climate Expert Tool could be used as one tool available by entrepreneurs and GCIP mentors and judges.</p>	National	Annual – during accelerator and post-accelerator support selection	PEE and E&S experts
SMEs/entrepreneurs lack the capacity/awareness to properly identify and mitigate the E&S risks related to their technology	Inclusion of impact of E&S risks in the training modules	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.	National	On-going	Judges, mentors, PEE
Cleantech innovations do not deliver the pledged impacts	The innovative technologies will be assessed by technical judges/mentors during the competition. The innovations will be verified by key partner institutions as part of the post competition support.	The judges and mentors will include technical experts in the relevant field. Support provided will include maximizing environmental benefits and associated trainings. Stringent monitoring of innovations will be carried out post-GCIP support.	National	Annual – during support and on completion	PEE, mentors and judges

SMEs/entrepreneurs do not comply with national regulation requirements (e.g., products do not meet quality/safety standards)	During the Accelerator phase, the PEE will verify that innovations comply with national regulation requirements and post – support monitoring will check compliance after funding.	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	National	Annual – during support and on completion	PEE, mentors, local E&S experts
SMEs/entrepreneurs do not comply with national regulation requirements relating to working conditions and health and safety regulations	During the Accelerator phase, the PEE will verify that SMEs' workplaces comply with national regulation requirements and post – support monitoring will check compliance after funding.	Mentors with expertise on national regulation requirements to support SMEs/entrepreneurs in OSH and working conditions. Stringent monitoring of innovations will be carried out post-GCIP support	National	Annual – during support and on completion	PEE, mentors, local E&S experts
Cleantech innovation has a negative social or environmental impact on SME workers or beneficiaries (e.g., hazardous materials)	Strict E&S criteria and screening of potential cleantech supported to minimize negative impacts of cleantech on workers and beneficiaries	-Every application for support from the accelerator and post-acceleration will need to meet strict criteria including environmental and social impacts. -The possible environmental and social impacts, and any mitigation measures proposed, of each technology will be assessed by an expert. Where necessary, expertise will be used to help the entrepreneurs to minimise the negative impacts. For example, use of additional training.	National	Annual – during accelerator and post-accelerator support selection	PEE, mentors, local E&S experts
Low participation rates of females in project participation	Social safeguarding to ensure gender is mainstreamed throughout the project design	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.	National	Annual	PEE

Low participation rates of youth in project	Social safeguarding to ensure that youth inclusion is a target for the entrepreneur support	Youth will be mainstreamed in the project through responsive communication and ensure stakeholder involvement at all levels, with special regard to involving youth, as well as civil society and non-governmental organizations promoting youth.	National	Annual	PEE
Increase in carbon emissions due to travel, meetings, training and events related to the project	Advice and training provided to promote the use of public transport, use webinars where possible, select environmentally conscious venues	Advice and training will be provided to all stakeholders involved in the project on how to minimise their carbon footprints, virtual meetings will be held when possible.	National	Annual	PEE
Climate change risks that may affect the SMEs supported under the project (for example impacts due to a reduction in bioenergy or water sources, or logistic disturbances, disruptions to production, effects to working conditions or to the market, increased utility prices and costs for insurance, finance or imports.	Strict E&S criteria and screening of potential cleantech supported to include assessment of climate risks over the next 30 years.	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. Adaptation strategies will also be prepared if necessary. GIZ's Climate Expert Tool could be used as one tool available by entrepreneurs and GCIP mentors and judges.	National	Annual	PEE mentors, judges

COVID-19 related health risks	Consider risks of COVID-19 during the implementation and execution of the project and take necessary prevention and mitigation measures	Necessary prevention and mitigation measures are taken to minimize risks due to COVID-19 including using personal protective equipment, physical distancing, hygiene, cleaning and disinfection, ventilation and other administrative and engineering controls while following local and international guidelines.	National	On-going	PEE
Participants are not able to access information from the global programme.	Time and budget will be allocated towards the translation of GCIP documents from the global programme into Khmer.	In addition to a translation budget for all GCIP global resources, budget is also allocated towards creating posters and visual materials that may be more appropriate for sharing information with cleantech engineers.	National	Annual, ongoing	PEE, technical support partners

2.e Gender Action Plan

The following table indicated on the Gender Action Plan for 5 years which was identified during the project preparation and shown on the Annex K of the project document:

Table 6: Gender Action Plan

Project output	Stage/Activity	Gender equality measure	Baseline (if known)	Target	Responsibility	Timeline	Actions required
Component 1 : Transforming early-stage innovative cleantech solutions into commercial enterprises							
Output 1.1.1 The GCIP guidebooks and methodologies are adapted for the GCIP Cambodia	Development of GCIP methodologies, guidelines and training material	<ul style="list-style-type: none"> • Guidebooks (guidelines and methodologies) developed will consider gender dimensions and highlight the need to launch gender inclusive calls to apply to the accelerators. • Guidebooks shall provide gender responsive communications material (e.g., videos, success stories) and explicitly state that GCIP encourages applications from women • Ensure that training material is gender-responsive, e.g., avoid stereotypes • Gender equality will be addressed in the curricula and content of all training material developed for trainers, mentors and judges as well as in the training. • As such specific material for capacity building on gender awareness will be developed as part of the material/tool-kits developed by the global child project, and a clear code of conduct for mentors and trainers will be developed. • Templates prepared for assessing or reporting on entrepreneurs/SMEs will include gender specific recommendations and observations and templates for TORs for the project experts will include gender aware language and suggestions. 	<ul style="list-style-type: none"> - Limited capacity to conduct cleantech innovation accelerators and provide business growth services - Limited technical and administrative capacity of entrepreneurs 	<ul style="list-style-type: none"> Specific methodologies, guidelines, tools and training systems for the uptake of cleantech ecosystem developed At least 30 cleantech experts (mentors, judges and coaches) are trained and equipped with the necessary skills and tools to support the uptake of cleantech innovation and early-stage business growth (of which 35% are women) Targeted outreach and gender responsive communications material (e.g., videos, success stories) and explicitly stating that GCIP encourages applications from women 	<ul style="list-style-type: none"> • PEE adapt for Cambodia • NGIN to develop material under the GCIP global project 	Year 1	<ul style="list-style-type: none"> • GCIP material developed by NGIN • Gender expert
Output 1.1.2 Pool of cleantech	Selection of both men and women	- Stringent selection criteria will be defined that provide	No confirmed outreach for hospitality	-30 national mentors/judges trained and	-PEE - Advice from NGIN	Annual	• GCIP material from NGIN

Project output	Stage/Activity	Gender equality measure	Baseline (if known)	Target	Responsibility	Timeline	Actions required
innovation and entrepreneurship experts (trainers, mentors, judges) is trained and certified to support the GCIP Cambodia Accelerator	semi-finalists, and mentors and judges	equal opportunities for both women and men. The objective would also be to involve women in the mentoring/training and judging processes so that more role models could be created, thus mitigating the impact of this inequality in the future. -Efforts will be made to ensure gender balance of judges for selecting semi-finalists. -Evaluation methodology for selection of semi-finalists will consider the gender balance alongside other readiness factors. -# trained and certified national mentors/judges (>35% women participants)	sector, industry and manufacturing; some existing outreach to agricultural sector	certified (>35% women participants; 100% participate in the "I know Gender" training) - Evaluation methodology for selection of semi-finalists will consider the gender balance			• Gender Expert
Output 1.1.3. Three cycles of the annual competition-based GCIP Cambodia Accelerator are conducted	Training and mentoring	<ul style="list-style-type: none"> • Provide specific mentoring for women through women mentors • Specific training module as part of the accelerator curriculum to address gender-related challenges and barriers • Ensure equal participation of women and men as participants, facilitators and judges (included in selection of semi-finalists and trainers above) • Consult women on appropriate times and conditions for their engagement.> <ul style="list-style-type: none"> • 35% women participants • Trainings targeted at women's needs 	Limited accelerators in agriculture and industry that lack a specific cleantech focus	-1 training module addressing gender-related challenges and barriers -35% of trainings targeted at women's needs ->1 women focussed support provided -Training recorded -At least 5 mentors are able to address the specific barriers and challenges women experience -Gender responsive presentation material	<ul style="list-style-type: none"> • PEE • Advice from NGIN 	Annual	<ul style="list-style-type: none"> • GCIP material from NGIN • Gender Expert
Output 1.2.1 An early-stage development fund is created to provide pre-seed and seed financing support to entrepreneurs and startups	Investment Facilitation	<ul style="list-style-type: none"> -Financial mechanism established to provide access to pre-seed and seed support for SMEs and start-ups. -# targeted support for women-led enterprises -# targeted support for products/services 	No early-stage development fund exists for cleantech SMEs	-At least 12 and up to 20 firms achieving eligibility criteria to receive pre-see and seed financing for early-stage business growth (of which 30% are women-owned and/or	<ul style="list-style-type: none"> PEE • Gender expert 	Annual	<ul style="list-style-type: none"> • GCIP material from NGIN • Gender Expert

Project output	Stage/Activity	Gender equality measure	Baseline (if known)	Target	Responsibility	Timeline	Actions required
		that promote gender equality and women's empowerment		<p>promote products/services that promote gender equality)</p> <p>-30% of early-stage funds targeted for women-led enterprises and/or products/services that promote gender equality and women's empowerment</p>			
Output 1.2.2 Technology verification, product development and market entry support is provided	Investment Facilitation	<ul style="list-style-type: none"> Investment facilitated under GCIP will have gender lens investing principles applied to all investment decisions. To support this GCIP investing guidelines will be developed which will incorporate gender lens investing principles. Specific training material for investors will be developed on investment with a gender lens. Disaggregated data on USD raised for cleantech entrepreneurs Women-only investor-connect events 	Limited availability of early-stage business growth coaching and capacity building.	<ul style="list-style-type: none"> -GCIP investing guidelines incorporate gender lens ->1 training for FIs and investors on gender-lens investment or gender sensitization -15 investors received gender-sensitization or training on gender-lens investment -# USD raised for cleantech entrepreneurs (at least 30% to women led business) -Outreach to include >3 women's organisations -Gender responsive outreach ->35% participants women 	<ul style="list-style-type: none"> • PEE • Gender expert 	Annual	<ul style="list-style-type: none"> • Gender Expert
Output 1.2.3 Mentoring and partnership support is provided to cleantech enterprises for global market expansion	Training and mentoring	<ul style="list-style-type: none"> -Gender responsive presentation material -Gender responsive outreach -# targeted events for women -# of partners that promote GEEW -# GCIP alumni receiving mentoring and partnership support (gender-disaggregated) 	None	<ul style="list-style-type: none"> -200 participants attending peer-networking events, alumni events, high level forums, workshops (at least 35% women) ->15 GCIP alumni receiving mentoring and partnership support (networking, introductions etc.) -Membership 	<ul style="list-style-type: none"> • PEE • Gender expert 	Annual	<ul style="list-style-type: none"> • Gender Expert

Project output	Stage/Activity	Gender equality measure	Baseline (if known)	Target	Responsibility	Timeline	Actions required
				of NGIN (at least 35% women) -3 training for FIs and investors on gender-lens investment or gender sensitization -35% participants attending forums (gender-disaggregated) -Gender responsive presentation material -Gender responsive outreach -2 targeted events for women			
Component 2: Cleantech innovation and entrepreneurship ecosystem (CIEE) strengthening and connectivity							
Output 2.1.1. An Alumni Network is established and supported to allow peer-learning and foster partnerships	Stakeholder meetings and partnerships	-# of Alumni Networks established -# of alumni included in the network -# partner institutions' staff trained to be able to operate platform and organize competition and accelerator programme (gender-disaggregated) - %/# of stakeholders that participated in gender-sensitization and completed 'I-know-gender' trainings -Youth and gender mainstreaming strategy -# students trained on Cleantech Entrepreneurship (gender-disaggregated) -# new Entrepreneurship trainers (gender-disaggregated) - %/# of students that participated in gender-sensitization trainings	Limited access to entrepreneurial networks	-4 alumni networks established (1 per sector, 100 per network) -3 partner institutions' staff trained to be able to operate platform and organize competition and accelerator programme (>35% women participants) -50 % of stakeholders participated in gender-sensitization and completed 'I-know-gender' trainings (>35% women participants) -Youth and gender mainstreaming strategy (>35% women participants) -# new Entrepreneurship trainers (>35% women	• PEE • Gender expert	Annual	• Gender Expert

Project output	Stage/Activity	Gender equality measure	Baseline (if known)	Target	Responsibility	Timeline	Actions required
				participants) -%/# of students that participated in gender-sensitization trainings (>35% women participants)			
Output 2.1.2 Cleantech innovation and entrepreneurship policies, regulations and recommendations are developed	Stakeholder meetings and partnerships	-# Policy analysis report -#cleantech innovation policy workshop -# Policies and regulations developed to promote clean technology innovations in SMEs -# Recommendations reports on digital policy -% of attendants at policy consultation workshops who are women (gender disaggregated) -# policy clauses relating to gender equality	-Limited coordination between stakeholders -Limited capacity of stakeholders to sustain cleantech acceleration -Limited commercialisation support	-1 Policy analysis report -1 cleantech innovation policy workshop -1 Policies and regulations developed to promote clean technology innovations in SMEs -1 Recommendations report on digital policy -At least 30% of attendants at policy consultation workshops are women -At least 1 policy clause relating to gender equality	• PEE • Gender expert	Annual	• Gender Expert
Output 2.1.3 Linkages, collaboration, and synergies across CIEEs are promoted	Stakeholder meetings and partnerships	-#Forums developed to create more supportive environment for clean energy technology innovations in/by SMEs -# attendees at stakeholder meetings (>35% women participants) # of associations included in the consultations that promote GEEW	Current policy and institutional frameworks are new and require more information sharing on the needs and progress of clean energy technology innovations	-100 attendees at Global GCIP Forum (virtual attendees included, at least 35% women) -5 additional GCIP Forum events (20 attendees at each) -At least 2 associations included in the consultations that promote GEEW	• PEE • Gender expert	Annual	• Gender Expert

Project output	Stage/Activity	Gender equality measure	Baseline (if known)	Target	Responsibility	Timeline	Actions required
Component 3: Project Coordination and Coherence							
Output 3.1.1 The GCIP internal guidelines for project management teams are adapted and implemented by the GCIP Cambodia	Project execution/coherence	<ul style="list-style-type: none"> • Gender expert to train the national Project Executing Entity (NPEE) team • Gender sensitization trainings for all stakeholders involved in GCIP 	N/A	<ul style="list-style-type: none"> -At least one training for the PEE team (100% of PEE team should be trained) -At least one gender sensitization workshops per year (gender balanced participants, i.e., at least 40% of men/women) -One set of training materials -NPEE gender expert appointed 	<ul style="list-style-type: none"> • PEE • Gender expert 	Annual	<ul style="list-style-type: none"> • Gender Expert
Output 3.1.2 Programme-level knowledge management, communication and advocacy strategy is adapted and implemented by the GCIP Cambodia	Project execution/coherence	<ul style="list-style-type: none"> • Gender expert to train the national Project Executing Entity (NPEE) team • Gender sensitization trainings for all stakeholders involved in GCIP • Development of a gender training package (material for national capacity building on gender awareness) will be adapted for Cambodia from the training package developed by the global child project. • Gender focal point within the PEE 	N/A	<ul style="list-style-type: none"> -At least one training for the PEE team (100% of PEE team should be trained) -At least one gender sensitization workshops per year (gender balanced participants, i.e., at least 40% of men/women) -One set of training materials -NPEE gender expert appointed 	<ul style="list-style-type: none"> • PEE • Gender expert 	Annual	<ul style="list-style-type: none"> • Gender Expert
Output 3.2.1 Project activities are tracked and reported based on the GCIP monitoring and evaluation (M&E) framework	Project execution/coherence	Project-level MRV system established, indicators tracked (incl. GHG emissions) and disaggregated by gender	N/A	Gender action plan monitored on an annual basis, gender participation overall moves from 30% in Year1-2 to 40% by Year 5, reaching 35% overall.	<ul style="list-style-type: none"> • PEE • Gender expert 	Annual	<ul style="list-style-type: none"> • Gender Expert

2.f Co-financing Mobilization Work Plan

Listed in below table is Co-financing Mobilization Work Plan that was identified in the project document:

Table 7: Co-Financing Plan

Co-financing Partner	Amount Committed at CEO Approval	Amount mobilized	Date of Reference	Output no.	Details of how the co-financing contributed to the project	Outstanding amount	Efforts made to mobilize co-financing
	1	2	3	4	5	6 = 1 - 2	7
UNIDO	\$ 30,000	0	17 th June 2021		The project is part of the GEF-UNIDO Global Cleantech Innovation Programme (GCIP) Framework (GEF ID 10408) and it aims to transform early-stage innovative cleantech solutions into scalable enterprises; build the capacity of relevant stakeholders in the cleantech innovation and entrepreneurship ecosystem in Cambodia; and engage with the above-mentioned GCIP Framework to ensure programme coordination and coherence. It is also part of the GEF focal area strategy under climate change mitigation, and should reduce greenhouse gas emissions by specifically encouraging the private sector to invest in innovative climate-friendly technologies.		Grant
UNIDO	\$ 175,000	0	17 th June 2021		The project is part of the GEF-UNIDO Global Cleantech Innovation Programme (GCIP) Framework (GEF ID 10408) and it aims to transform early-stage innovative cleantech solutions into scalable enterprises; build the capacity of relevant stakeholders in the cleantech innovation and entrepreneurship ecosystem in Cambodia; and engage with the above-mentioned GCIP Framework to ensure programme coordination and coherence. It is also part of the GEF focal area strategy under climate change mitigation, and should reduce greenhouse gas emissions by specifically encouraging the private sector to invest in innovative climate-friendly technologies.		In-kind
Techo Startup Center	\$ 5,388,800	0	09th September 2020		to accelerate the uptakes of, and investment in, cleantech innovation and entrepreneurship, and promote the coordination and connectivity of ecosystems under GCIP		In-kind
Khmer Enterprise	\$ 300,000	0	26th October 2020		to select start-ups or SMEs in three accelerator rounds that meet Khmer Enterprise's criteria		Grant
Impact Hub	\$ 800,000	0	2nd September 2020		Incubation acceleration and providing foundations of inspiration, support and skill development for young, talented entrepreneurs and start-ups.		In-kind
Energy Lab	\$ 420,000	0	18th September 2020		Support innovation and incubation		In-kind
Cambodia Academy of Digital Technology	4,000,000 \$	0	30th September 2020		Skills training, digital maker space and startup coaching activities		In-kind

(CADT)							
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TOTAL	Co-financing amount committed at CEO Approval	Amount Mobilized to Date	Outstanding amount
	\$ 11,113,800	\$ -	\$11,113,800

3. TIMELINE

The following table elaborated on the detailed timeline to each activity for the current work plan started from 5th May 2022 to 31st December 2022 which also included the Project Execution Management (PEM) activities that occurs within the year:

Table 8: Project Timeline in Year 1

Activities		Responsibilities	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
Outcome 1.1	Early-stage cleantech innovations are accelerated									
Output 1.1.1	The GCIP guidebooks and methodologies are adapted for the GCIP Cambodia									
CPO	Activity 1.1.1a Adapt the GCIP guidebooks to the Cambodian context and disseminate them TSC reviews the GCIP guidebooks for Accelerator, Advanced Accelerator, and Post-Accelerator; to share suggestions for improvement of the GCIP guidebooks with NGIN; to adapt the GCIP guidebooks to reflect the context of Cambodia's CIEE, including market conditions, gender context, policy environment, development priorities, technology focus, local examples, etc. (i.e. to develop the GCIP Cambodia guidebooks); to organize information and consultation sessions with relevant stakeholders; to disseminate the GCIP Cambodia guidebooks among relevant stakeholders (translation required).	TSC								
CPO	Activity 1.1.1a Adapt the GCIP guidebooks to the Cambodian context and disseminate them TSC reviews the GCIP guidebooks for Accelerator, Advanced Accelerator, and Post-Accelerator; to share suggestions for improvement of the GCIP guidebooks with NGIN; to adapt the GCIP guidebooks to reflect the context of Cambodia's CIEE, including market conditions, gender context, policy environment, development priorities, technology focus, local examples, etc. (i.e. to develop the GCIP Cambodia guidebooks); to organize information and consultation sessions with relevant stakeholders; to disseminate the GCIP Cambodia guidebooks among relevant stakeholders (translation required).	NGIN								
CPO	Activity 1.1.1b Identification of criteria for cleantech mentors, judges and coaches, integrating gender-sensitivity within the approach - technical, financial, and gender consultants	TSC								
CPO	Activity 1.1.1b Identification of criteria for cleantech mentors, judges and coaches, integrating gender-sensitivity within the approach - technical, financial, and gender consultants	NGIN								
CPO	Activity 1.1.1b Identification of criteria for cleantech mentors, judges and coaches, integrating gender-sensitivity within the approach - technical, financial, and gender consultants	NGIN								
CPO	Activity 1.1.1c Development of methodologies, tools and training materials and certification system, including integration of the gender approach	TSC								
CPO	Activity 1.1.1c Development of methodologies, tools and training materials and certification system, including integration of the gender approach	NGIN								
Output 1.1.2	Pool of cleantech innovation and entrepreneurship experts (trainers, mentors, judges) is trained and certified to support the GCIP Cambodia Accelerator									
CPO	Activity 1.1.2a Training and certification of selected cleantech experts, with inputs from Global GCIP - technical, financial, and gender consultants NGIN: Support provided to national PEEs to develop the GCIP cleantech innovation and entrepreneurship expert training and certification system for the GCIP Cambodia experts (trainers, mentors, judges), including training curricula/materials, guidance on the training delivery methods, and certification requirements. NGIN will also develop an assessment framework for evaluation of experts (trainers, mentors, judges), as well as to facilitate the expert accreditation at global institutions/initiatives.	TSC								

	Activities		Responsibilities	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
CPO	Activity 1.1.2a	Training and certification of selected cleantech experts, with inputs from Global GCIP - technical, financial, and gender consultants NGIN: Support provided to national PEEs to develop the GCIP cleantech innovation and entrepreneurship expert training and certification system for the GCIP Cambodia experts (trainers, mentors, judges), including training curricula/materials, guidance on the training delivery methods, and certification requirements. NGIN will also develop an assessment framework for evaluation of experts (trainers, mentors, judges), as well as to facilitate the expert accreditation at global institutions/initiatives.	NGIN								
CPO	Activity 1.1.2b	Gender expert to oversee gender-related outcomes and the integration of gender-sensitive project implementation throughout the programme - gender consultant	TSC								
CPO	Output 1.2.1	An early-stage development fund is created to provide pre-seed and seed financing support to entrepreneurs and start-ups (at least 12 firms achieving eligibility criteria with at least 35% of women participants)	-								
CPO	Activity 1.2.1 a	Identification and design of an early-stage development fund with co-finance partners and national programmes	TSC								
	Outcome 2.1	The CIEE in Cambodia is strengthened and interconnected									
	Output 2.1.1.	An Alumni Network is established and supported to allow peer-learning and foster partnerships									
CPO	Activity 2.1.1 a	Establishment of online tools and maintenance of a web-based platform for the alumni network - technical consultants	TSC								
	Outcome 3.1	Efficiency and sustainability of the GCIP Cambodia is ensured through programme coordination and coherence with other GCIP country projects									
	Output 3.1.1	The GCIP internal guidelines for project management teams are adapted and implemented by the GCIP Cambodia									
CPO	Activity 3.1.1 b	Integration of standardised methodologies and other best practices from the global programme	TSC								
	Output 3.1.2	Programme level knowledge management, communication and advocacy strategy developed at global level and implemented in child projects									
CPO	Activity 3.1.2 a	Knowledge management, advocacy and communication strategy adapted for Cambodia from Global GCIP	TSC								
	Outcome 3.2	Impacts and progress of the GCIP Cambodia are tracked and reported									
	Output 3.2.1	Project activities are tracked and reported based on the GCIP monitoring and evaluation (M&E) framework									
CPO	Activity 3.2.1a	Annual Progress Report	TSC								
CPO	Activity 3.2.2b	Annual Financial Expenditure Report	TSC								
	PEM	to prepare a budgeted workplan including procurement plan for TSC for the first year of project implementation (May 2022- December 2022)	TSC								
	PEM	to hire the National Project Technical Expert and Coordinator, Project Administration Assistant, M&E Expert, Gender Consultant, and Environmental and Social Management consultant	TSC								
	PEM	to prepare a monitoring plan for the implementation of the stakeholder engagement plan (SEP)	TSC								
	PEM	to perform communications activities foreseen in the Environmental and Social Management Plan (ESMP)	TSC								
	PEM	to establish the Project Steering Committee, i.e., to prepare ToR for the PSC based on UNIDO template and to call the first meeting.	TSC								

	Activities	Responsibilities	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
PEM	to submit a six-monthly financial expenditure report, including a documentation of all payments (e.g., invoices for flight bookings, signed per diem roster of funded workshop participants, copies of boarding cards) or information on the status of the project account	TSC								
PEM	to provide a report on risk mitigation measures (with due attention to the results of HACT Micro - Assessment) undertaken in the first year of project implementation, as well as to review the project risk matrix and mitigation measures for the next year	TSC								
PEM	to prepare a workplan for the second year of project implementation	TSC								
PEM	to provide input to the annual GEF Project Implementation Report	TSC								

CPO: Contribute to Project Output
PEM: Project Execution Management

4. BUDGET SUMMARY

Table 9: Budget Plan in Year 1

Trans. Type	Description	TSC	NGIN	Total
1100	Staff & International Consultants	\$ 46,914		\$ 46,914
1500	Local travel			
1600	Staff Travel			
1700	Nat.Consultant / Staff	\$ 98,000		\$ 98,000
2100	Contractual Services		\$ 18,064	\$ 18,064
3000	Trainings/Fellowship/Study	\$ 16,179.50		\$ 16,179.50
3500	International Meetings			
4300	Premises			
4500	Equipment	\$ 9,000		\$ 9,000
5100	Other Direct Costs	\$ 300		\$ 300
9300	Support Cost			
Total		\$ 170,393.50	\$ 18,064	\$ 188,457.50

4.a Budget Summary per Entity:

Entity	Year 1
TSC	\$ 170,393.50
NGIN	\$ 18,064
	\$ 188,457.50

4.b Budget Summary per Component:

Year 1 Total	Outcome 1.1			Outcome 1.2			Outcome 2.1			Outcome 3.1		Outcome 3.2		Subtotal	M&E	PMC	Total
Outputs	Output 1.1.1	Output 1.1.2	Output 1.1.3	Output 1.2.1	Output 1.2.2	Output 1.2.3	Output 2.1.1	Output 2.1.2	Output 2.1.3	Output 3.1.1	Output 3.1.2	Output 3.2.1	Output 3.2.2				
	\$ 59,465	\$ 27,000	\$ 1,000	\$ 20,000	\$ -	\$ -	\$ 31,000	\$ -	\$ -	\$ 9,193	\$ 6,000	\$ -	\$ -	\$ 153,658	\$ 5,000	\$ 29,800	\$ 188,457.50
Components	\$ 107,465						\$ 31,000			\$ 15,193							

4.c Detailed Budget Plan:

Table 10: Detailed Budget Plan based on each activity

	Expenditure Category	Activities	Total	Responsible Entity
1100	Staff & International consultants	Activity 1.1.1a. Adapt the GCIP guidebooks to the Cambodian context and disseminate them TSC reviews the GCIP guidebooks for Accelerator, Advanced Accelerator, and Post-Accelerator; to share suggestions for improvement of the GCIP guidebooks with NGIN; to adapt the GCIP guidebooks to reflect the context of Cambodia's CIEE, including market conditions, gender context, policy environment, development priorities, technology focus, local examples, etc. (i.e. to develop the GCIP Cambodia guidebooks); to organize information and consultation sessions with relevant stakeholders; to disseminate the GCIP Cambodia guidebooks among relevant stakeholders (translation required).	\$ 19,545	TSC
		Activity 1.1.1b. Identification of criteria for cleantech mentors, judges and coaches, integrating gender-sensitivity within the approach - technical, financial, and gender consultants	\$ 14,479	TSC
		Activity 1.1.1c. Development of methodologies, tools and training materials and certification system, including integration of the gender approach	\$ 7,890	TSC
		Activity 3.1.1 b. Integration of standardised methodologies and other best practices from the global programme	\$ 5,000	TSC
Sub-total			\$ 46,914	
2100	Contractual services	Activity 1.1.1a Adapt the GCIP guidebooks to the Cambodian context and disseminate them TSC reviews the GCIP guidebooks for Accelerator, Advanced Accelerator, and Post-Accelerator; to share suggestions for improvement of the GCIP guidebooks with NGIN; to adapt the GCIP guidebooks to reflect the context of Cambodia's CIEE, including market conditions, gender context, policy environment, development priorities, technology focus, local examples, etc. (i.e. to develop the GCIP Cambodia guidebooks); to organize information and consultation sessions with relevant stakeholders; to disseminate the GCIP Cambodia guidebooks among relevant stakeholders (translation required).	\$ 4,505	NGIN
		Activity 1.1.1b. Identification of criteria for cleantech mentors, judges and coaches, integrating gender-sensitivity within the approach - technical, financial, and gender consultants	\$ 2,691	NGIN
		Activity 1.1.1b. Identification of criteria for cleantech mentors, judges and coaches, integrating gender-sensitivity within the approach - technical, financial, and gender consultants	\$ 3,830	NGIN
		Activity 1.1.1c. Development of methodologies, tools and training materials and certification system, including integration of the gender approach	\$ 5,525	NGIN

		Activity 1.1.2 a Training and certification of selected cleantech experts, with inputs from Global GCIP - technical, financial, and gender consultants NGIN: Support provided to national PEEs to develop the GCIP cleantech innovation and entrepreneurship expert training and certification system for the GCIP Cambodia experts (trainers, mentors, judges), including training curricula/materials, guidance on the training delivery methods, and certification requirements. NGIN will also develop an assessment framework for evaluation of experts (trainers, mentors, judges), as well as to facilitate the expert accreditation at global institutions/initiatives.	\$ 1,513	NGIN	
Sub-total			\$ 18,064		
3000	Trainings/Fellowship/Study	Launching Workshop	\$ 2,692.50	TSC	
		Activity 1.1.2 a Training and certification of selected cleantech experts, with inputs from Global GCIP - technical, financial, and gender consultants NGIN: Support provided to national PEEs to develop the GCIP cleantech innovation and entrepreneurship expert training and certification system for the GCIP Cambodia experts (trainers, mentors, judges), including training curricula/materials, guidance on the training delivery methods, and certification requirements. NGIN will also develop an assessment framework for evaluation of experts (trainers, mentors, judges), as well as to facilitate the expert accreditation at global institutions/initiatives.	\$ 13,487	TSC	
Sub-total			\$ 16,179.50		
1700	National staff and consultants	Short-term consultants	Activity 1.2.1 a. Identification and design of an early-stage development fund with co-finance partners and national programmes	\$ 20,000	TSC
			Activity 3.2.1a. Annual Progress Report	\$ 5,000	TSC
			Activity 3.2.2.b. Annual Financial Expenditure Report	-	TSC
			Gender Consultant (Activities 1.1.2b)	\$ 11,000	TSC
			Activity 2.1.1a Establishment of online tools and maintenance of a web-based platform for the alumni network - technical consultants	\$ 18,000	TSC
			Development of the Knowledge management, communication and advocacy strategy (Activity 2.1.1a, 2.1.1b & 3.1.2a)	\$ 9,000	TSC
			Environmental and Social Management consultant (Activity 1.1.1c, 1.1.2a, 1.1.3a, 2.1.1a, 2.1.1b)	\$ 8,000	TSC
		PMU Staff	National Project Technical Expert and Coordinator	\$ 18,000	TSC
			Project Administration Assistant (Admin & Finance)	\$ 9,000	TSC
Sub-total			\$98 ,000		
4500	Equipment	Office (supplies, rent, equipment, etc.)	\$ 9,000	TSC	
5100	Other Direct Cost	Advertisement for hiring consultants	\$ 300	TSC	
Sub-total			\$ 9,300		
Grand Total			\$ 188,457.50		

Appendix 3- Co Financing

Co-financing committed at CEO Approval

Co-financing Partner	Amount Committed at CEO Approval	Amount mobilized	Date	Output no.	Details of how the co-financing contributed to the project	Outstanding amount	Efforts made to mobilize co-financing
	1	2	3	4	5	6 = 1 - 2	7
UNIDO	\$ 30,000	0	17-Jun-21				Grant
UNIDO	\$ 175,000	0	17-Jun-21				In-Kind
Techo Startup Center	\$ 5,388,800	0	9-Sep-20				In-Kind
Khmer Enterprise	\$ 300,000	0	26-Oct-20				Grant
Cambodia Academy of Digital Technology (CADT)	\$ 4,000,000	0	30-Sep-20				In-Kind
Impact Hub	\$ 800,000	0	2-Sep-20				In-Kind
Energy Lab	\$ 420,000	0	18-Sep-20				In-Kind

New co-financing mobilized

Co-financing Partner	Efforts made to mobilize co-financing	Amount mobilized	Date	Output no.	Details of how the co-financing contributed to the project

TOTAL	Co-financing amount committed at CEO Approval	Amount Mobilized to Date	Outstanding amount
	\$ 11,113,800	0	\$ 11,113,800