



Global Clean Hydrogen Programme

Review PIF and Make a recommendation

Basic project information

GEF ID

11437

Countries

Global (Algeria, Ecuador, Egypt, Malaysia, Namibia, Nigeria, Philippines, South Africa)

Project Name

Global Clean Hydrogen Programme

Agencies

UNIDO

Date received by PM

10/19/2023

Review completed by PM

11/26/2023

Program Manager

Patricia Marcos Huidobro

Focal Area

Climate Change

Project Type

PFD

GEF-8 PROJECT IDENTIFICATION FORM (PIF) REVIEW SHEET

1. General Program Information

a) Is the Program Information table correctly filled, including specifying adequate executing partners?

Secretariat's Comments

11/21/2023 PM:

Cleared.

11/1/2023 PM:

No. Please note box "**Anticipated Program Executing Entity(s):**" is empty. Please fill in this box with the anticipated executing entities for the child projects, as already identified in the PIF under section "**Coordination and Cooperation with Ongoing Initiatives and Programs**".

Agency's Comments

Information of the anticipated executing entities included.

11/21/23

b) Are the Rio Markers for CCM, CCA, BD and LD correctly selected, if applicable?

Secretariat's Comments

11/21/2023 PM:

Cleared.

11/1/2023 PM:

No. Rio Marker for CCM shall be 2 instead of 1. Please amend accordingly.

Agency's Comments

Rio marker changed to 2.

11/21/23

2. Program Summary

a) Does the program summary concisely describe the problem to be addressed, the program objective and the strategies to deliver the GEBs or adaptation benefits and other key expected outcomes?

b) Is the program's geographical coverage explicit, as well as the covered sectors? Does the summary explain how the program is transformative or innovative?

Secretariat's Comments

11/21/2023 PM:

a) Cleared.

b) Cleared.

11/1/2023 PM:

a) Yes, with suggestions. Please consider strengthening the summary by adding the following:

- A short description of the problem/status quo, i.e., need to reach net-zero by 2050, the energy sector is key in reach carbon neutrality and help countries meet their NDCs and net-zero strategies;

- Short statement at the end on key expected outcomes, i.e., something along these lines "With an overall envelop approaching \$ XX million and close to \$ XX million in co-financing, the Program is expected to result in approximately XX million tCO2 reductions"

b) No. Please address the following comments:

- Geographical scope/countries shall be included. A statement on the fact that the Global Platform will add to the national child projects by providing technical assistance and bringing all the knowledge together;

- As for the sectors covered by the program, please clarify the scope of the program, i.e. whether the program focuses exclusively on industry or whether other sectors are also envisioned/expected. While the industry sector is mentioned neither on the Summary nor on the program's objective, it is mentioned in several components/outputs as well as accros the proposal.

- Likewise, the proposal uses both clean and green hydrogen. At some point (maybe not in the summary but in the body of the proposal), please clarify what clean and green hydrogen means and which type of hydrogen will be supported under this program.

Agency's Comments

2.a. Information on the net zero included. Information on the funds of the project have also been included.

2.b. Information on the geographical scope included. List of countries added to summary and statement that the global platform will enhance the national child projects.

The following sentence has been added to the summary ?The programme targets the production and application of hydrogen, with a focus on the industrial and transport sectors.? Where relevant, transport has been added where there are references to industry through the document.

Added clean, or green, hydrogen to the summary. Definition provided in the main text and a statement in the summary and main text to say GEF funds will only be used on green hydrogen.

11/21/23

3 Indicative Program Overview

- a) Is the program objective statement concise, clear and measurable?
- b) Are the components and outcomes sound, appropriate and sufficiently clear to achieve the program objective and the core indicators per the stated Theory of Change?
- c) Are gender dimensions, knowledge management, and M&E included within the program components and appropriately funded?
- d) Are the GEF program Financing and Co-Financing contributions to PMC proportional?
- e) Is the PMC equal to or below 5%? If above 5%, is the justification acceptable?

Secretariat's Comments

11/30/2023 PM:

c) Cleared.

11/25/2023 PM:

b) Cleared.

c) **Pending.** Gender aspects have been mainstreamed in the program's outcomes; however, the relative/respective core indicators have not been enumerated.

d) Cleared. PMC from co-financing has been increased so there is proportionality between the PMC from the GEF financing and the PMR from co-financing.

e) Cleared. The PIF includes an explanation for the higher PMC cost, i.e. 5.8% compared to 5% as recommended by the GEF Guidelines.

11/21/2023 PM:

b) Cleared.

c) Cleared.

d) No. The GEF financing contribution to PMC is 5.8% while the co-financing contribution to PMC is 2.11%. Please amend accordingly so there is proportionality on the PMR contribution from the GEF financing and the co-financing.

e) No. PMC contribution from GEF financing is slightly higher than 5%, i.e. 5.8%. Please either provide a justification for this or amend accordingly.

11/1/2023 PM:

a) Yes.

b) No. Components are missing outcomes indicators. Please considering add the indicators either on the components sections or under the results framework so the main and the specific objectives of the project can be easily tracked. This is important to ensure adequate indicators are in place to assess program achievements against its objective. Examples of indicators are for instance, i.e. Number of roadmaps/strategies developed/adopted, Number of policies developed/adopted, Number of green/clean hydrogen pilots implemented, etc.

c) No. Gender aspects shall be better mainstreamed in the program's outcomes as well as in indicators (see point b above). As for M&E, please see comment above on the need to provide outcome/output indicators.

d) No. The GEF financing contribution to PMC is 5.8% while the co-financing contribution to PMC is 0.5%. Please amend accordingly so there is proportionality on the PMR contribution from the GEF financing and the c-financing.

e) No. PMC contribution from GEF financing is slightly higher than 5%, i.e. 5.8%. Please either provide a justification for this or amend accordingly.

Agency's Comments

11/30/2023

c) The core indicator tables have been updated within the respective components to include the gender aspect

3.b. Indicators have been added to the component sections with one table per component in the project description in Section B.

3.c. Gender has been better mainstreamed (rather than an add-on) and is included in outputs and indicators e.g. output 1.1.2, output 1.1.

3.d. Co-financing for the PMC was increased.

3.e. Justification amended.

11/21/23

3.d. Co-financing for the PMC was amended according to the proportionality of the PMR contribution

3.e. Justification amended. PMC slightly reduced 0.2%

11/24/23

4 Program Outline

A. Program Rationale

a) Is the current situation (including global environmental problems, key drivers of environmental degradation, climate vulnerability) clearly and adequately described from a systems perspective and adequately addressed by the program design?

b) Has the role of stakeholders, incl. the private sector and local actors in the system been described and how they will contribute to GEBs and/or adaptation benefits and other program outcomes? Is the private sector seen mainly as a stakeholder or as financier?

c) Is the baseline situation and baseline projects and initiatives well laid out and how the program will build on these?

d) Have lessons learned from previous efforts been considered in the program design?

e) For NGL, is there a brief description of the financial barriers and how the program ? and the proposed financial structure- responds to these financial barriers.

Secretariat's Comments

11/21/2023 PM:

a1) Cleared.

a2) Cleared.

c) Cleared.

d) Cleared.

11/1/2023 PM:

a) No. Please address the following comments:

a1) Whenever possible provide references to the figures provided while explaining the current situation;

a2) Consider adding some data on how many green hydrogen projects are under consideration versus number of projects really under development worldwide, to give an idea on how complex is to move projects to the finish line due to the barriers already identified in the proposal.

b) Yes. This has been identified later in the document, under the "Stakeholder Engagement" section.

c) No. A few paragraphs have been added on "Programme's complementary to existing activities" but there some activities which has been included in the "Stakeholder Engagement" section that shall also be added in here.

d) No. Lessons learned from previous projects/initiatives haven't been identified by the program. Also, this section also needs to mention why this program is set as a program, and that there is a need to develop global lessons helping developing countries create the enabling environment and develop their first green hydrogen projects.

e) N/A.

Agency's Comments

4.a.1. References to figures included.

4.a.2. Information on the status of green hydrogen projects included on Program rational in the clean hydrogen and climate change section.

4.c. All the initiatives from the stakeholder section have been added into this section along with a statement on how this programme is complementary to them / will build on them.

4.d. While there are few lessons learned available, UNIDO carried out a questionnaire on where support would be required. This has been added/edited at the end of the section. Also, a justification for why the proposed initiative is set as a programme has also been included.

11/21/23

5 B. Program Description

5.1 a) Is there a concise theory of change (narrative and an optional schematic) that describes the program logic, including how the program design elements are contributing to the objective, a set of identified key causal pathways, the thrust and basis (including scientific) of the proposed solutions, how they provide a robust solution and listing the key assumptions underlying these?

b) Is there a description of how the GEF alternative will build on ongoing/previous investments (GEF and non-GEF), lessons and experiences?

c) Are the program components described and proposed solutions and critical assumptions and risks properly justified? Is there an indication of why the program approach has been selected over other potential options?

d) Incremental/additional cost reasoning: Is the incremental/additional cost reasoning properly described as per the Guidelines provided in GEF/C.31/12? Have the baseline scenario and/or associated baseline programs been described? Is the program incremental reasoning provisioned (including the role of the GEF)?

e) Are the relevant levers of transformation identified and described?

f) Is there an adequate description on how relevant stakeholders (including women, private sector, CSO, e.g.) will contribute to the design and implementation of the program and its components?

g) Gender: Does the description on gender issues identify any differences, gaps or opportunities linked to program objectives and have these been taken up in component description/s?

h) Are the proposed elements to capture, exchange and disseminate knowledge and lessons learned adequate in order to benefit future programs? Are efforts for strategic communication adequately described?

i) Policy Coherence: How will the program support participating countries to improve, develop and align policies, regulations or subsidies to not counteract the intended program outcomes?

Secretariat's Comments

11/21/2023 PM:

a) Cleared.

b) Cleared.

c1) Cleared.

c2) Cleared.

c3) Cleared.

c4) Cleared.

c5) Cleared.

c6) Cleared.

f1) Cleared.

f2) Cleared.

g) Cleared.

i) Cleared.

11/1/2023 PM:

a) **Yes, with comments.** The theory of change graph is small and blurred. Likewise, across the document there are some words in track change mode. Please amend.

b) **No.** Please elaborate further on how the project would build on existing/on-going initiatives. These are listed in the "Stakeholders Engagement" section, but further information shall be provided on how the proposed program and platform would build upon these. For instance, we see a lot of overlaps with the World Bank Hydrogen for Development (H4D) platform as well as with other platforms. The proposal, shall elaborate further how it would interact with these other platforms to identify synergies and avoid overlaps. For instance, H4D has a robust roster of green hydrogen experts and conduct periodic study tours to successful green hydrogen projects. The proposed program shall coordinate with H4D to be able to offer services which are not already provided by H4D and be able to access H4D roster of experts and join studies tours as need be.

c) **No.** Please address the following comments:

c1) The proposed components and outcomes are clear and well-structured. However, please consider increase the overall ambition of the child projects when possible, by for instance in output 1.1.2 Recommendations on policies and regulations for hydrogen production and application provided, including environmental and water related policies and for market scale up, when possible replace "provided" by "adopted". The same applied to outputs 1.1.3, 1.1.5 and 4.2.3.

c2) Outcome 3.1 seems to be technical assistance rather than investment. If this is the case, please consider dividing Component 3 in investment and technical assistance activities by creating two separate rows.

c3) Please "Output" before 4.1.2.

c4) In line with previous comment, please clarify the scope of the overall project, i.e., industry or all sectors? Most of the outcomes/outputs refer to industry, i.e. "hard-to-abate industries", "net-zero industrial development", "industrial application", etc.

c5) Please clarify whether standards under output 1.1.3 also refers to green hydrogen certification. If so, please consider adding this in the proposal, given the relevance green hydrogen certification schemes are expected to have in order to attract private sector investments.

c6) Picture "UNIDO's Green Hydrogen Industrial Clusters" is too small and cannot be read.

d) Yes.

e) Yes.

f) No. Please address the following comments:

f1) In Table 2 "Level of involvement with stakeholder" under column "Type of Engagement" it is often mentioned collaboration as executing entity. However, as per the program description, neither IRENA, nor ISO, nor technology providers, nor MDB, etc. are expected to be executing agencies for any of the child projects. Please amend their type of engagement accordingly.

f2) Please provide a summary and list of names and dates of consultations.

g) No. Gender gaps and opportunities haven't been included in the proposal. Also gender aspects shall be better mainstreamed in the program's outcomes and outputs. Please ensure that gender experts are involved in the development of interventions, plans, strategies to capture the gender dimensions fully and be better integrated in the project components, outputs, activities and indicators. Please ensure also that the Gender Action Plans are adequately budgeted and reported on (part of M&E).

i) **No.** Relevant national policies/strategies in the countries haven't been identified.

Agency's Comments

5.1.a. A new figure of the theory of change was included with better quality. The entire text was revised to erase al track change mode text and typos.

5.1.b. This has now been added in with the program rationale baseline description and to avoid repetition is not added again here.

5.1.c.1. Policies/standards under 1.1.2, 1.1.3 and 1.15 have been edited to include provided/adopted to show ambition but also recognise the limitations of the control the project has. 4.2.3 has been left with ?identified? since any recommendations that come out of the identification of innovative financing options would be incorporated into output 4.2.4.

5.1.c.2. The component has been divided where outcome 3.1 is TA and outcome 3.2 is investment.

5.1.c.3. The word output added.

5.1.c.4 Transport has been added in where appropriate as the programme will target both industry and transport. Outcome 2 and associated outputs identify industry and transport. Outcome 3 outputs refer to companies and these could be industry or transport.

5.1.c.5. Yes. It can also be about certification of green hydrogen, this has been added.

5.1.c.6 New image added.

5.1.f.1 The whole stakeholder section has been edited with type of engagement updated.

5.1.f.2. Information on the consultation has been included in the stakeholder engagement section.

5.1.g. Gender has been better integrated into the programme components and is included in indicators.

5.1.i A paragraph per national child project has been added in Section C describing how the programme supports the national policies and plans.

11/21/23

5.2 Program coherence and consistency

a) **How will the program design ensure resilience to future changes in the drivers and allow for adaptive management needs and options?**

b) Is the potential for achieving transformative change through the integrated approach adequately described? How is the program going to be transformative or innovative? Does it explain scaling up opportunities?

c) Are the countries or themes selected as child projects under the program appropriate for achieving the overall program objective?

d) Are the descriptions of child projects adequately reflective of the program objective and priorities as described in the ToC?

e) Is the financing presented in the annexed financing table adequate to meet the program objectives?

Secretariat's Comments

11/21/2023 PM:

b) Cleared.

c1) Cleared.

c2) Cleared.

c3) Cleared.

e) Cleared.

11/1/2023 PM:

a) Yes.

b) No. Please consider to make a better integration/link between the Global Coordination Platform and the different project outcomes. For instance, for each component consider explaining how the Global Platform will contribute to Components XX through the deliverables YY.

c) No. The countries selected as child projects are appropriate for achieving the overall program objective. Please address the following comments:

c1) In the PFD consider adding a table with all the countries participating in the program and the main areas/topics covered by each child project, i.e. roadmap/strategy, policy/regulation, pilot investment, etc. This would help identify the main focus for each child project;

c2) In the child project concept notes, the concept note for Nigeria is providing the information for Namibia. Please update and upload the correct concept note for Nigeria.

c3) The concept note for the global project includes a reference to Components 1 and 5. Can you please explain why Components 2, 3 and 4 are left out? Isn't the global project expected to provide support to child projects through all the 5 components?

d) Yes.

e) No. Please remove all decimal places and round to the nearest dollar in all financial tables of both child projects and the PFD.

Agency's Comments

5.2.b Refer to the newly introduced section ?Programme coherence? in section B.

5.2.c1. Incorporated table (Figure 3) showing what each child project is focusing on, included in the description of programme coherence in Section B.

5.2.c2. Information of Nigeria has been included.

5.2.c3. In the project coherence, it has been included how the project will support all the components of the child projects (components 1-5) and it is also included in the global child project concept note.

5.2.e. Decimals removed.

11/21/23

5.3 Program Governance, Coordination and Cooperation with Ongoing Initiatives and Programs

a) Are the program level institutional arrangements for governance and coordination, including potential executing partners, outlined on regional, national/local levels and a rationale provided? Has a program level organogram / diagram been included, with description of roles and responsibilities, and decision-making processes?

b) Is there a description of coordination and cooperation with ongoing GEF and non-GEF financed initiatives, projects/programs (such as government, private sector and/or other bilateral/multilateral supported initiatives in the program area, e.g.).

Secretariat's Comments

11/21/2023 PM:

a) Cleared.

b) Cleared.

11/1/2023 PM:

a) No. Program level organigram is missing. Please include in the organigram how the child projects will interact with the global project as well as with other initiatives.

b) No. Please see previous comment. There currently exists a variety of initiatives and programs on green hydrogen. Please make sure to only list them all but also identify synergies and avoid overlaps in terms of the type of supported provided (i.e. see previous comment/example on H4D).

Agency's Comments

5.3.a Program-level organigram has been included

5.3.b Dealt with earlier in the document ? under baseline

11/21/23

5.4 Program-level Results, Monitoring and Reporting

a) Are the global environmental benefits and/or adaptation benefits identified? Does the PFD describe how it will support the generation of multiple environmental benefits which would not have accrued without the GEF program?

b) Are the identified core indicators calculated using the methodology and adhering to the overarching principles included in the corresponding Guidelines (GEF/C.62/Inf.12/Rev.01/GEF/C.54/11/Rev.01)?

c) Are the program's targeted contributions to GEBs (measured through core indicators and additional listed outcome indicators) / adaptation benefits reasonable and achievable? Are the GEF Climate Change adaptation indicators and sub-indicators for LDCF and SCCF properly documented?

d) Other Benefits: Are the socioeconomic benefits resulting from the program at the global, national and local levels sufficiently described?

e) Is the described approach to program level M&E aiming to achieve coherence across child projects and to allow for adaptative management?

Secretariat's Comments

11/21/2023 PM:

b) Cleared.

d) Cleared.

11/1/2023 PM:

a) Yes.

b) No. Please provide the GHG spreadsheet so the GEF team can track the CO2 estimations. Kindly note that the global project could also potentially claim emission reductions through the activities planned. If this is the case, please factor this in the calculation spreadsheet as well.

c) Yes, but as per previous point please provide the GHG spreadsheet to be able to validate the the CO2 estimations.

d) Yes.

e) No. Please previous comment on providing a list of potential indicators for the overall program.

Agency's Comments

5.4.b Spreadsheet uploaded.

5.4.c Spreadsheet uploaded.

5.4.e. Potential indicators for each outcome and output have been added in tables following the description of the project components in Section B.

11/21/23

5.4e Table with indicators of M&E included.

11/24/23

5.5 Risks to Achieving Program Outcomes

a) Are climate and other main risks relevant to the program identified and adequately described? Are mitigation measures outlined and realistic? Is there any omission?

b) Are the key risks and mitigation measures that might affect implementation and the achievement of outcomes adequately rated?

c) Are environmental and social risks and impacts adequately screened and rated and consistent with requirements set out in SD/PL/03?

Secretariat's Comments

11/21/2023 PM:

a) Cleared.

11/1/2023 PM:

a) Yes, with comments. On climate risk, please indicate that country child projects will have to conduct a full screening and adopt adequate risk management measure, including through adjustment in project design. Please also mention that child projects will have to follow STAP guidelines on climate screening for GEF projects.

b) Yes.

c) Yes.

Agency's Comments

5.5.a This has been specifically mentioned in the climate risk section.

11/21/23

6 C. Alignment with GEF-8 Programming Strategies and Country/Regional Priorities

6.1 a) Is the program adequately aligned with Focal Area and IP Elements, and/or LDCF/SCCF strategy?

***For IPs: is the program adequately aligned with the Integrated Program goals and objectives as outlined in the GEF 8 programming directions?**

Secretariat's Comments

11/1/2023 PM:

Yes. The program is aligned with CCM objective 1.2.

Agency's Comments N/a

b) Child project selection criteria: Are the criteria for child project selection sound and transparently laid out?

Secretariat's Comments

11/1/2023 PM:

Yes.

Agency's Comments N/A

6.2 Is the program alignment/coherent with country / regional / global priorities, policies, strategies and plans (including those related to the MEAs and to relevant sectors)?

Secretariat's Comments

11/21/2023 PM:

Cleared.

11/1/2023 PM:

No. This information is missing. Please consider adding a table with main national policies, strategies and plans for each of the participating countries.

Agency's Comments

6.2. Paragraphs added for each country and its policies in section C and how the child projects are aligned.

11/21/23

7 D. Policy Requirements

7.1 Are the Policy Requirement sections completed?

Secretariat's Comments

11/1/2023 PM:

Yes.

Agency's Comments

7.2 Environmental and Social Safeguards

Have safeguard screening document and/or other ESS document(s) attached and been uploaded to the GEF Portal? (annex D)

Secretariat's Comments

11/1/2023 PM:

Yes.

Agency's Comments

8 Other Requirements

Knowledge Management

8.1 Has the agency confirmed that a project level approach to Knowledge Management and Learning has been included in the PFD?

Secretariat's Comments

11/21/2023 PM:

Cleared.

11/1/2023 PM:

No. Overall, the proposal shall elaborate further on the following aspects:

- 1) Overview of existing lessons and best practice that inform child concepts;
- 2) Plans to learn from relevant projects, programs, initiatives& evaluations, and engage with them to avoid potential overlaps;
- 3) Proposed knowledge outputs to be produced and shared with stakeholders

Agency's Comments

8.1. Further details of how the project will be informed by best practice, will learn from other initiatives has been included under the Global component in Section B.

8.2. As above

8.3. An outline of the knowledge outputs to be produced and shared is included in the Global Component in Section B.

11/21/23

9 Annexes

Financing Tables (Annex A and Annex H)

9.1 GEF Financing Table:

a) Is the proposed GEF financing (including the Agency fee) in line with GEF policies and guidelines? Are they within the resources available from (mark all that apply):

Country STAR allocation?

Secretariat's Comments

11/1/2023 PM:

Yes.

Agency's Comments

Non-STAR Focal Area allocation?

Secretariat's Comments

11/1/2023 PM:

N/A.

Agency's Comments

LDCF under the principle of equitable access?

Secretariat's Comments

11/1/2023 PM:

N/A.

Agency's Comments

SCCF A (SIDS)?

Secretariat's Comments

11/1/2023 PM:

N/A.

Agency's Comments
SCCF B (Tech Transfer, Innovation, Private Sector)?

Secretariat's Comments
11/1/2023 PM:

N/A.

Agency's Comments
Focal Area Set Aside?

Secretariat's Comments
11/1/2023 PM:

Yes, for the Global Coordination Platform.

Agency's Comments
IP Set Aside

Secretariat's Comments
11/1/2023 PM:

N/A.

Agency's Comments
IP Contribution

Secretariat's Comments
11/1/2023 PM:

N/A.

Agency's Comments

For Child Project Financing information (Annex H)

b) Are the IP Matching Incentives amounts correctly calculated according to the country STAR focal areas? allocated amounts? Are the IP contributions aligned with the Program?

The allocated amounts (including Agency Fee) match those in LoE?

c) Project Preparation Grant Table: Are the IP Matching Incentives amounts correctly calculated according to the country STAR focal areas? allocated amounts? The allocated amounts (including PPG Fee) match those in LoE? Is the requested PPG within the authorized limits set in Guidelines? (pop up information?) If above the limits, has an exception been sufficiently substantiated?

d) Sources of Funds Table: Are the allocated sources of funds for each and every one of the three STAR Focal Areas within the Country's STAR envelope by the time of the last review?

e) Indicative Focal Area Elements Table: (For IPs) The selected Indicative Focal Area element corresponds to the respective IP?

f) (For non-IPs) The selected Indicative Focal Area Elements are aligned with the respective Program?

g) Co-financing Table: Are the indicative expected amounts, sources and types of co-financing provided and consistent with the requirements of the Co-Financing Policy and Guidelines?

Secretariat's Comments

11/21/2023 PM:

g1) Cleared.

g2) Cleared.

11/1/2023 PM:

b) Yes. The allocating amounts match those in the LoE. This program is not an integrated program.

c) Yes. The requested PPG is within the authorized limits. This program is not an integrated program.

d) Yes.

e) N/A. This program is not an integrated program.

f) Yes.

g) No. Please address the following comments:

g1) In the indicative co-financing table, please replace ?GEF Agency? to ?Donor Agency? for UNDP, OECD, and AFD.

g2) UNIDO is listed twice in the Table "Indicative Co-financing", please merge both in kind co-financing rows for UNIDO in just one.

Agency's Comments

Annex H

g1. Ok. Changed

g2. Please note that one of the co-financing from UNIDO is specifically for Egypt and a project on Eco-industrial parks with strong links to component 3 of the Child in Egypt. The other are part of UNIDO's global initiatives on hydrogen and will be linked to the global component thus having impact in all the participating countries. It is not possible to be merged as one amount is for the Child Project in Egypt and the other for the Global Child Project. It is done automatically by the system.

11/21/23

9.2 Project Preparation Grant (PPG): if PPG for child projects has been requested: has the PPG table been included and properly filled out adding up to the correct PPG and PPG fee totals as per the sum of the child projects?

Secretariat's Comments

11/1/2023 PM:

Yes.

Agency's Comments

9.3 Sources of Funds for Country STAR Allocation

Does the table represent the sum of STAR allocations sources utilized for this program?

Secretariat's Comments

11/1/2023 PM:

Yes.

Agency's Comments

9.4 Indicative Focal Area Elements

For non-IP Programs

Does the table contain the sum of focal area elements and amounts as per the sum of the child projects?

Secretariat's Comments

11/1/2023 PM:

Yes.

Agency's Comments

9.5 Indicative Co-financing

Are the indicative amounts, sources, and types of co-financing adequate and reflect the ambition of the program? Has the subset of co-finance which are expected to be investment mobilized been identified and defined (FI/GN/01)?

Secretariat's Comments

11/21/2023 PM:

Cleared.

11/1/2023 PM:

No. Please address the following comments:

- 1) OECD is not a GEF Agency. Please amend.
- 2) UNIDO is listed twice in the Table "Indicative Co-financing", please merge both in kind co-financing rows for UNIDO in just one.

Agency's Comments

- 1) Changed to donor agency
- 2) Please note that one of the co-financing from UNIDO is specifically for Egypt and a project on Eco-industrial parks with strong links to component 3 of the Child in Egypt. The other are part of UNIDO's global initiatives on hydrogen and will be linked to the global component thus having impact in all the participating countries. It is not possible to

be merged as one amount is for the Child Project in Egypt and the other for the Global Child Project as it is done automatically by the system.

11/21/23

Annex B: Endorsements

9.6 Has the program and its respective child project been endorsed by the GEF OFP/s of all GEF eligible participating countries and has the OFP name and position been checked against the GEF database at the time of submission?

Secretariat's Comments

11/30/2023 PM:

1) Cleared.

11/25/2023 PM:

1) Pending. A new LoE has been requested to the country. Meanwhile, worth noting that the amount in the PIF is smaller than the amount in the LoE.

However, the LOE from Egypt is with different executing entity and different source of funds than in Portal. Please amend.

In my capacity as GEF Operational Focal Point for Egypt, I confirm that the above project proposal (a) is in accordance with my government's national priorities including, the Energy Transition Plan, and our commitment to the relevant global environmental conventions; and (b) was discussed with relevant stakeholders, including the global environmental convention focal points.

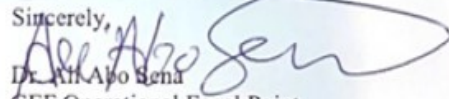
I am pleased to endorse the preparation of the above project proposal with the support of the GEF Implementing Agency(ies) listed below. If approved, the preparation of the proposal will be supported by and the project executed by Ministry of Electricity and Renewable Energy. I request the GEF Implementing Agency(ies) to provide a copy of the project document before it is submitted to the GEF Secretariat for CEO endorsement / Approval.

The total financing (from GEFTF) being requested for this project is US\$ 4,000,000, inclusive of project preparation grant (PPG), if any, and Agency fees for project cycle management services associated with the total GEF Project Financing. The financing requested for Egypt is detailed in the table below.

Source of Funds	GEF Agency	Focal Area Source	Amount (in US\$)				Total
			GEF Project Financing	GEF Project Financing Agency Fee	Project Preparation Grant (PPG)	Project Preparation Grant (PPG) Agency Fee	
GEFTF	UNIDO	CC STAR A	3,502,968	332,782	150,000	14,250	4,000,000
Total GEF Resources			3,502,968	332,782	150,000	14,250	4,000,000

The STAR resources indicated above are being endorsed for the project listed above and submitted by the GEF Implementing Agency via the GEF Portal.

Sincerely,


 Dr. Al-Abo Sana
 GEF Operational Focal Point
 EEAA CEO

GENERAL CHILD PROJECT INFORMATION

Child Project Title:	Child project of the Global Clean Hydrogen Programme of Egypt		
Region:	Egypt	GEF Child Project ID:	11444
Country(ies):	Egypt	Type of Child Project:	FSP
GEF Agency(ies):	UNIDO	GEF Agency Child Project ID:	
Anticipated Executing Entity(s):	Department of Petroleum and Energy Engineering at the American University of Cairo	Anticipated Executing Type:	Private Sect
GEF Focal Area (s):	Climate Change	Submission Date :	10/19/2023
Type of Trust Fund:	GET	Child Project Duration (Months):	60

Sources of Funds for Country STAR Allocation

GEF Agency	Trust Fund	Country/ Regional/ Global	Focal Area	Source of Funds	Total(\$)
UNIDO	GET	Egypt	Climate Change	CC STAR Allocation	2,500,000.00
UNIDO	GET	Egypt	Land Degradation	LD STAR Allocation	1,481,735.00
Total GEF Resources(\$)					3,981,735.00

2) Pending. Name of executing entity between all submitted LOEs and child project concept note are different, please revise Portal?s entry to match with LOEs.

3) Cleared. An updated LoE has been upladed in the Portal.

11/21/2023 PM:

1) No. Letter of Endorsement from Egypt and Malaysia have been provided. However, there is a discrepancy in the amount of GEF resources between the Letter of Endorsement from Egypt and the CEO Endorsement. Please clarify and update accordingly.

2) Cleared.

3) Pending.

11/1/2023 PM:

No. Please address the following comments:

1. LOE from Egypt is missing. LoE from Malaysia is not signed.

2. Name of executing entity between all submitted LOEs and child project concept note are different, please revise Portal?s entry to match with LOEs.

3. Nigeria LOE indicates \$100,000 PPG while in Portal it is only \$50,000, please have an email confirmation from the OFP that he/she is ok with \$50,000 PPG and increase child project grant amount accordingly.

Agency's Comments

11/30/2023

1) A revised LoE from Egypt has been uploaded.

2) Names of project executing entities (PEEs) have been aligned between LoEs, PFD and child concept notes. Please note that some LoEs did not specify an entity (Ecuador, Nigeria, Philippines, South Africa). In such instates, we have included a tentative PEEs in the PFD and the concepts notes. Those entities have been identified during consultation with the respective country and will be confirmed during the PPG phase.

1. Letters of endorsement from Egypt and Malaysia have been uploaded.
2. Please note that the discussions on the executing entities are still ongoing. Potential executing entities have been identified for all the countries but no final decision has been made. For this reason, the names on the LoEs and the PFD and concept notes will vary.
3. Nigerian OFP has been contacted and correspondence regarding their agreement to the new amount has been requested. He has verbally agreed and we are still awaiting for the written response.

11/21/23

1. The discrepancies between the amounts of the GEF resources in the endorsement letter and the endorsement CEO stem from differences in the Agency fees. Initially, negotiations with the countries commenced without certainty of the program's final budget and this exceeding 10 million dollars. Consequently, several endorsement letters were issued reflecting a 9.5% Agency fee, applicable to programs and projects with budgets under 10 million dollars. For this reason, the amounts in the CEO endorsement have been amended. The of the GEF financing reflected of the endorsement letters have been taken as a basis and new Agency fees have been estimated. The new amounts thus add up to smaller amounts than the total amounts of the endorsement letters. This applies to Algeria, Egypt, Namibia, South Africa and the Philippines.

3. OFP of Nigeria provided a new LoE

11/24/23

Compilation of Letters of Endorsement Are the OFP endorsement letters uploaded to the GEF Portal (compiled as a single document, if applicable)?

Secretariat's Comments

11/30/2023 PM:

- 1) **Cleared.** An updated LoE has been uploaded.

11/25/2023 PM:

Pending. A new LoE has been requested to the country. Meanwhile, worth noting that the amount in the PIF is smaller than the amount in the LoE.

11/21/2023 PM:

No. Please see comment above on the discrepancy between the Letter of Endorsement from Egypt and the CEO Endorsement document on the GEF financing figures.

11/1/2023 PM:

Yes, except for the letter of endorsement of Egypt and Malaysia. Also, see comments on LoEs above.

Agency's Comments

Letters of endorsement from Egypt and Malaysia have been uploaded.

11/24/2023 Please see response above.

Do the letters follow the correct format and are the endorsed amounts consistent with the amounts included in the Portal?

Secretariat's Comments

11/30/2023 PM:

1) Cleared. An updated LoE has been uploaded.

11/25/2023 PM:

Pending. A new LoE has been requested to the country. Meanwhile, worth noting that the amount in the PIF is smaller than the amount in the LoE.

11/21/2023 PM:

No. Please see comment above on the discrepancy between the Letter of Endorsement from Egypt and the CEO Endorsement document on the GEF financing figures.

Agency's Comments

The discrepancies between the amounts of the GEF resources in the endorsement letter and the endorsement CEO stem from differences in the Agency fees. Initially, negotiations with the countries commenced without certainty of the program's final budget and this exceeding 10 million dollars. Consequently, several endorsement letters were issued reflecting a 9.5% Agency fee, applicable to programs and projects with budgets under 10 million dollars. For this reason, the amounts in the CEO endorsement have been amended. The of the GEF financing reflected of the endorsement letters have been taken as a basis and new Agency fees have been estimated. The new amounts thus add up to smaller amounts than the total amounts of the endorsement letters. This applies to Algeria, Egypt, Namibia, South Africa and the Philippines.

11/24/23

Annex C: Program Locations

9.7 a) Are geo-referenced information and maps provided indicating where the program interventions will take place?

Secretariat's Comments

11/1/2023 PM:

Yes.

Agency's Comments

Annex G: NGI Relevant Annexes* (*only for non IP programs)

9.9 a) Does the program provide sufficient detail (indicative term sheet) to take a decision on the following selection criteria: co-financing ratios, financial terms and conditions, and financial additionality? If not, please provide comments.

b) Does the program provide a detailed reflow table to assess the program capacity of generating reflows? If not, please provide comments.

c) Is the Agency eligible to administer concessional finance? If not, please provide comments.

Secretariat's Comments

11/1/2023 PM:

N/A.

Agency's Comments

Additional Annexes

10 GEFSEC Decision

10.1 GEFSEC Recommendation

Is the program recommended for clearance?

Secretariat's Comments

11/30/2023 PM:

Yes. The PIF is recommended for further processing.

11/21/2023 PM:

No. Please address comments on PMC and the discrepancy on the GEF financing amount between the Letter of Endorsement from Egypt and the CEO Endorsement document.

11/1/2023 PM:

No. Please address comments above.

Agency's Comments Comments addressed.

10.2 Additional Comments to be considered by the Agency(ies) during the child project development.

Secretariat's Comments

Agency's Comments

10.3 Review Dates

	PIF Review	Agency Response
First Review		11/21/2023
Additional Review (as necessary)		11/24/2023

PIF Review

Agency Response

Additional Review (as necessary)
Additional Review (as necessary)
Additional Review (as necessary)