



**PIR FY 2023
Tunisia EE lighting**

**UNEP GEF PIR Fiscal Year 2023
Reporting from 1 July 2022 to 30 June 2023**

1. PROJECT IDENTIFICATION

1.1. Project details

Identification Table	GEF ID: 9498	Umoja no.: SB-012506.02
	SMA IPMR ID: 40215	Grant ID:S1-32GFL-000616
	Project Short Title:Tunisia EE lighting	
Project Title	Leapfrogging Tunisia's lighting market to high efficiency technologies	
Duration months	<i>Planned</i>	36 months
	<i>Age</i>	48 months
Project Type	Full Size Project / Child Project	
Parent Programme if child project	Leapfrogging markets to high efficiency products (Appliances, including lighting, and electrical equipment).	
Project Scope	National	
Region	Africa	
Countries	Tunisia	
GEF Focal Area(s)	Climate Change Mitigation	
GEF financing amount	US\$ 2,399,541	
Co-financing amount	US\$ 15,738,000	
Date of CEO Endorsement/Approval	11 April 2018	
UNEP Project Approval Date (on Decision Sheet)	25 May 2019	
Start of Implementation (PCA entering into force)	3 June 2019	
Date of Inception Workshop	7 June 2021	
Date of First Disbursement	17 July 2019	
Total disbursement as of 30 June 2023	Total: US\$ 1,032,000	
	- ANME: US\$ 450,000	
	- U4E: US\$ 582,000	
	- UNDP: US\$ 0	
Total expenditure as of 30 June 2023	Total: US\$ 412,789	
	- ANME: US\$ 42,776 ¹	
	- U4E US\$ 370,013	
	- UNDP: US\$ 0	
Midterm undertaken?	No	
Actual Mid-Term Date, if taken	N/A	
Expected Mid-Term Date, if not taken	31 March 2024	
Completion Date	<i>Planned – original PCA</i>	30 June 2022
	<i>Revised – Current PCA</i>	31 March 2025

¹ At the time of submission of this PIR, the expenditures as of 30 June 2023 have been approved by UNEP's Task Manager and Administrative Officer but have not yet been recorded in UNEP's system (Umoja).

Expected Terminal Evaluation Date	30 September 2025
Expected Financial Closure Date	31 March 2026

1.2. Project description

Project Objective: To promote the rapid transformation of the Tunisian market to energy efficient lighting technologies, thereby reducing electrical demand and consumption and related GHG emissions.

Project Components:

- **Component 1: Regulatory mechanisms, including MEPS for lighting products**
This component seeks to develop minimum energy performance standards (MEPS), set MEPS levels for all lighting technologies in line with the European Union, as defined in the National Efficient Lighting Strategy, and determine the authority to implement the standard.
- **Component 2: Supporting policies for high efficiency lighting technology deployment**
This component will support the development of communication campaigns, innovative financial mechanisms, distribution campaigns and innovative demonstration projects that promote the use of energy efficient lighting products.
- **Component 3: Strengthened monitoring, verification and enforcement (MVE) for lighting product**
This component 3 will strengthen the national system of monitoring, surveillance, control, and testing facilities. This will ensure that lighting products are fully compliant with current and future MEPS and non-compliant products do not enter the market.
- **Component 4: Environmentally sound management of efficient lighting products**
This component will enable the development of national capacities on environmentally sound management through recycling schemes, regulations and trainings to safeguard the environment throughout the full lifecycle of lightning products.

Executing Agency: Agence Nationale de la Maitrise de l'Energie (ANME), with execution support from UNDP Tunisia and the United for Efficiency (U4E) Centre of Excellence

1.3. Project Contacts

Division(s) Implementing the project	Industry and Economy Division
Name of co-implementing Agency	N/A
Executing Agency	ANME
Names of Other Project Partners	United for Efficiency (U4E) UNDP Tunisia
UNEP Portfolio Manager	Geordie Colville
UNEP Task Manager	Julien Lheureux
UNEP Budget/Finance Officer	Fatma Twahir
UNEP Support/Assistants	Hassan Coulibaly
EA Manager/Representative	Fethi Hanchi
EA Project Manager / Coordinator	Abdelkader Baccouche
EA Finance Manager	Raja Fradi
EA Communications Lead, if relevant	N/A

2. OVERVIEW OF PROJECT STATUS

2.1 UNEP PoW and UN

UNEP Current Subprogramme(s)	PoW 2022-2023, Subprogramme 1 Climate Change.
PoW Indicator(s)	Countries increasingly adopt and/or implement low greenhouse gas emission development strategies and invest in clean technologies
UNEP previous Subprogramme(s)	N/A
UNSDCF / UNDAF linkages	UNSDCF 2021-2025: Ensure fair management, transparency and sustainability of natural resources, ecosystems and territories, improving their resilience/adaptation as well as that of populations, particularly the most vulnerable, in the face of crises and climate risks.
Link to relevant SDG Goal(s)	SDG-7: ensure access to affordable, reliable, sustainable and modern energy for all
Link to relevant SDG Target(s)	Target 7.3: By 2030, double the global rate of improvement in energy efficiency.

2.2. GEF Core Indicators:

Indicators	Targets – Expected Value			Materialized to date
	Mid-term	End-of-project	Total target	
Core Indicator 6.2 - Emissions avoided Outside AFOLU	N/A	Direct: 809,465 tCO ₂ e (10 years after project completion)	Direct: 809,465 tCO ₂ e (10 years after project completion)	The project will only be able to report against this indicator towards its technical completion, in year 2025.

2.3. Implementation Status and Risk

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
PIR #	1 st	2 nd	3 rd	4 th
Rating towards outcomes (DO) (section 3.1)	Not Rated	S	MS	S		
Rating towards outputs (IP) (section 3.2)	U	S	MS	S		
Risk rating (section 4.2)	S	M	S	L		

Rating towards outcomes:

The project's implementation has encountered various difficulties over the past few years, particularly in regard to the recruitment of experts and services providers by ANME. These challenges have had an impact on the pace of progress. While some activities have been carried out (i.e. through the support of U4E international experts), an important number of activities are still at early stage of implementation.

However, the project team remains optimistic that significant progress will begin to materialize in the year 2024, especially with the decision to transfer several activities from ANME to UNDP Tunisia. A workplan revision was prepared and approved in May 2023 to reflect these changes and reflect the delays incurred over the past 2 years. This strategic move is expected to streamline the implementation process and enhance the overall effectiveness of the project, now planned to reach technical completion by 31 March 2025.

Outcome 1: Adoption by government of MEPS and label requirements

In November 2022, ANME established a Technical Working Group on MEPS, further facilitating the development and implementation of proposed standards. The International Lighting Technology Specialist recruited by U4E has made significant progress in activities aimed at achieving the set target. Reports on Minimum Energy Performance

Standards (MEPS) for residential and street lighting were prepared and presented to relevant national stakeholders in October 2022, and to the members of the steering committee in January 2023. Additionally, the International Lighting technology specialist prepared a report outlining public procurement criteria for lighting. This report aims to guide government agencies and organizations in making energy-efficient choices when purchasing lighting products. This report was discussed during the country visit carried out by the international lighting expert from 31 May to 2 June 2023 and meetings were held with the various parties concerned in order to present this report and obtain their comments and feedback. Finally, in June 2023 ANME drafted the first version of the MEPS regulation and discussed it with the international expert for feedback and input.

Outcome 2: Government actions for an increased availability and use of efficient lighting are in place

The bidding process for the purchase of the first batch of lamps has been completed. ANME has acknowledged receipt of 400,000 LED lamps for the first phase of the PROMOLED project. These Lamps have been redirected to the various ANME representations where the distribution will be made. ANME is preparing the tender process for the acquisition of the second batch of lamps (1.2 million units) as part of the PROMOLED project.

Outcome 3: Strengthened national capacity to monitor, verify, enforce and report on compliance of the products with MEPS and labelling.

The U4E International MVE Specialist has supported the country with the technical requirements / specification for laboratory equipment, with the support of the U4E international MVE expert. A laboratory study trip was organized by U4E for ANME and CETIME staff in October 2022 to inform the decisions on the required specifications for the goniometer. Also the U4E MVE expert has prepared a Monitoring, Verification and Enforcement mechanisms report. This report includes detailed recommendations to bolster the MVE processes. Moreover, the team has developed Terms of Reference (TOR) for a capacity building proposal on MVE mechanisms. To ensure transparency and stakeholder engagement, ANME shared the MVE report with various stakeholders for their feedback and comments.

Outcome 4: Capacities are in place to implement a national system to collect, recycle and/or responsibly dispose of lighting products that contain hazardous materials.

U4E's international ESM specialist has prepared an Environmentally Sound Management (ESM) background document on the logistical elements of collection and disposal of used lighting products, as well as a report on ESM aspects for the extended responsibility of producers of electrical and electronic equipment in Tunisia. Recently, during the technical visit by the international ESM expert from May 29 to 31, 2023, these two reports were presented and discussed in meetings with ANGED (National Waste Management Agency) and various stakeholders.

Based on the detailed assessment undertaken in sections 3.1 and 3.3 (Risks) of this PIR, the project's progress towards achieving the expected outcomes is now rated at "**Satisfactory**" (**S**). The corrective measures outlined in the previous PIR have been properly implemented by the ANME, giving confidence the project is now on track to meet the expected outcomes and end of project targets.

Rating towards outputs:

Component 1: Regulatory mechanisms, including minimum energy performance standards (MEPS) for lighting products

The International Lighting Technology Specialist from The United for Efficiency (U4E) partner successfully completed the Final report on the national Lighting MEPS for the residential sector, street lighting sector, and tertiary sector. Additionally, a MEPS and Labels Workshop was conducted, where the Lighting MEPS proposal was presented to national stakeholders in Tunisia on 19th October 2022, and their valuable feedback was addressed effectively. Furthermore, U4E experts developed draft reports on QR Codes Benchmarking and public procurement criteria for lighting, aiming to explore energy-efficient lighting options and guide sustainable purchases. The proposed MEPS were validated during the steering committee meeting held on 24th January 2023. Progress was also made in drafting the Tunisian MEPS regulation for the residential and tertiary sectors, which was subsequently revised by the international Lighting Technology Specialist by June 2023.

Component 2: Supporting policies for high efficiency lighting technology deployment

During the reporting period, significant progress was made towards achieving the project's objectives through a series of important activities. Firstly, a technical mission was carried out, visiting four local manufacturers - Fawaniss, Global Lighting, GE Lighting, and CandyLED. This mission aimed to assess their facilities and gauge their readiness for implementing the MEPS proposal. The visit, conducted on 19th and 20th October, provided crucial insights into the manufacturers' capabilities and specific needs. Secondly, based on the findings of the technical mission, a draft report on the assessment of local manufacturers was prepared. This comprehensive report will be further enhanced by incorporating the results of the survey launched to Tunisian manufacturers. The survey aims to gain deeper

insights into their specific needs and requirements, allowing for a more tailored and effective approach in implementing the MEPS proposal. The combination of the technical mission and survey data will provide a well-rounded understanding of the manufacturers' capabilities and pave the way for successful project outcomes. Finally, the project received support from the U4E international lighting expert during a study visit from 1st to 2nd June 2023. During this visit, essential meetings were held: (1) with Tunisian lamp producers, where the financial and technical assistance mechanisms proposed under the project were presented, fostering collaboration and understanding between all parties involved ; and (2) with different stakeholders to present the proposed public procurement criteria for lighting, ensuring that sustainability is considered in government purchases.

Component 3: Strengthened monitoring, verification and enforcement (MVE) for lighting product

The U4E partner organized a lab study tour on Photometric test Laboratories at Laboratoire national de métrologie et d'essais and LED Engineering Development for the ANME and the national laboratory staff (CETIME) during 3rd to 7th October 2022. This study tour aimed to enhance the technical expertise of the Tunisian staff in order to better choose the testing equipment. Additionally, the U4E expert developed a comprehensive Laboratory Assessment report, providing valuable insights into CETIME's current capabilities and guiding areas for improvement to meet the project's objectives. Furthermore, a detailed TOR was prepared by the U4E expert for a Capacity Building proposal focused on building testing capabilities in lighting product performance. This proposal is designed to enhance CETIME's capacity to conduct rigorous testing of lighting products, ensuring compliance with energy efficiency standards. In addition to the technical expertise, the MVE U4E expert also contributed by developing a draft report containing recommendations for Monitoring, Verification of the lighting market and Enforcement mechanisms. These recommendations will support effective implementation and enforcement of energy efficiency standards in lighting products. Finally, TORs for another Capacity Building proposal focusing on MVE mechanisms was also prepared by the U4E expert. This proposal aims to strengthen expertise in Monitoring, Verification, and Enforcement mechanisms, ensuring effective and sustainable project outcomes. The reports and proposals were shared with various stakeholders for feedback and collaboration, demonstrating the project's commitment to involving all relevant parties in achieving energy efficiency goals in Tunisia.

Component 4: Environmentally sound management of efficient lighting products

The International ESM Specialist from U4E has made significant contributions to the development of ESM schemes and regulatory texts during the project. A significant contribution was the preparation of an Environmental Sound Management (ESM) base document, which focuses on the Collection and Disposal logistics elements for used lighting products. This foundational document aims to establish responsible and environmentally-friendly practices in handling used lighting products and promoting sustainable waste management. Additionally, the specialist produced a comprehensive report on Environmental Sound Management (ESM) legal aspects, particularly addressing Extended Producers' Responsibility for Electric and Electronic Equipment in Tunisia. This report sheds light on the legal framework and the roles and responsibilities of producers in managing the environmental impact of electrical and electronic equipment, including lighting products. Moreover, a study visit was organized for the U4E international ESM expert, scheduled from 29 to 31 May 2023. The visit was designed to provide expert support and guidance, strengthening the project's ESM activities and fostering collaboration to enhance environmentally sound management practices for lighting products in Tunisia.

Based on the above and the assessment made in section 3.2 below, the project is on track with the revised workplan and no major obstacles have been identified that would compromise the ability to finish the implementation of all activities by 31 Marc 2025. The project's implementation progress is therefore rated "**Satisfactory**" (S).

Overall risk rating:

Following the risks already highlighted in previous reports, ANME opted to outsource part of the activities to UNDP Tunisia. To facilitate this transition, a comprehensive budget revision and work plan revision have been carefully prepared, thoroughly validated, and officially signed in collaboration with UNDP Tunisia and UNEP. This collaborative effort ensures that all parties are aligned and committed to the revised approach, enhancing the project's chances of success. Notable improvements in the implementation of project activities were also achieved with the support of U4E during the reporting period.

The main risk is related to the ability of test laboratories to prepare to support the scaling up to more efficient technologies is still existing. Indeed, despite the study trip carried out to allow CETIME staff to make a decision on the goniometer, the tendering process for the acquisition of laboratory equipment is still blocked due to the final choice to be made on the goniometer. The delay in the acquisition of laboratory equipment entails a risk of losing the national funding planned for the construction/extension of the laboratory building to accommodate the new equipment. This has been captured in the risk section 4. below, and mitigation actions have been provided to control this process.

Beyond the above, the overall project faces little risk of failing to achieve its expected outcomes. For this reason, the project is currently rated at “**Low**” risk.

[section will be uploaded into the GEF Portal]

2.4. Co-financing

<p>Planned Co-finance Total: US\$ 15,738,000</p> <p>Actual to date: US\$ 482,483 (≈3%)</p>	<p>During the period under review, ANME mobilized US\$ 285,305 of "grant" co-finance and US\$ 50,231 of in-kind co-finance².</p> <p>The United for Efficiency (U4E) Center of Excellence mobilized US\$ 20,000 worth of in-kind co-financing. It also contributed to leveraging additional in-kind contributions from other partners:</p> <ul style="list-style-type: none"> - US\$ 20,000 from the Basel Agency for Sustainable Energy (BASE) - US\$ 20,000 from ECONOLER - US\$ 10,000 from Signify <p>Adding to the US\$ 76,946 mobilized in previous reporting periods, the project totals US\$ 482,483 worth of co-financing as at end of June 2023.</p>
<p>Progress</p>	<p>The ANME in-kind contribution represents mainly ANME staff time contributing to the GEF funded project through their participation in workshops, trainings, reports preparation and review, etc. The “grant” contribution corresponds to procurement of an initial batch of 400,000 LED lights, through the PROMOLED programme for the distribution campaign.</p> <p>U4E’s in-kind co-finance represents staff time of the U4E Programme Manager as part of. Such support has taken the form of participation in the preparation of U4E project deliverables, revision and comments on reports and technical specifications / recommendations, coordination of project activities, organization of technical missions, development of related articles and communication pieces. The co-finance also includes the support of U4E’s communication expert for the development of articles published in U4E’s website.</p> <p>The in-kind contributions from BASE and ECONOLER represent the technical support and engagement of these partners in the GEF funded project.</p> <p>Finally, the Signify in-kind co-finance corresponds to the production and sharing of global and regional market information, product specifications and price references, which also contributed to the GEF project.</p>

2.5. Stakeholder engagement

<p>Date of project steering committee meeting</p>	<p>24 January 2023</p>
<p>Stakeholder engagement</p>	<p>Key staff from the Ministry of Industry, Mines and Energy, the Ministry of the Interior, the Ministry of Finance, Ministry of Environment, the Ministry of Economy & Planning, the Ministry of Trade and Export Development, ANME, Producers, CETIME, STEG (national electricity company), and the Chamber of Commerce took part in the project implementation through bilateral meetings with the national and international consultants, active participation in the workshops, but also through the provision of strategic insight during the PSC meetings.</p>

² At the time of submission of this PIR to the GEF Portal, ANME had not yet shared a signed version of their co-finance report.

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	<p>In particular, a MEPS and Labels Workshop to present the Lighting MEPS proposal to national stakeholders in Tunisia on 19th October 2022. It included participants from the following organizations and partners: Ministry of Industry, Ministry of Commerce, ANGED, CETIME, FEDELEC, ODC, U4E, the private sector, etc.</p> <p>During the project steering committee meeting on 24th January 2023, a comprehensive presentation updated stakeholders on project progress, including achievements and milestones. The proposed Minimum Energy Performance Standards (MEPS) were discussed and formally validated by the committee members.</p> <p>[section will be uploaded into the GEF Portal]</p>
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2.6. Gender

Does the project have a gender action plan?	Yes.
Gender mainstreaming	<p>The Project Management Unit keeps gender-disaggregated attendance lists for all meetings/events organized as part of the project.</p> <ul style="list-style-type: none"> • A MEPS workshop was held on the 18 of October 2022: 49 people participated in the workshop, out of which 12 were women and 37 were men, corresponding to a ratio of 24% women and 76 % men. • A study tour in France was held from 3rd to 7th October 2022, 5 participants, out of which 2 were women and 3 were men, corresponding to a ratio of 40% women and 80% men. • The steering committee meeting held on 24th January 2023: 21 people participate in the meeting including 12 men (57%) and 9 women (43%) <p>During the next period, UNDP Tunisia will be hiring a gender expert to support the project. Alongside ANME's Project Management Unit, the gender expert will be in charge of implementing and monitoring the project's gender action plan, to ensure the gender mainstreaming activities outlined in the project's Gender Action Plan are conducted. This will be reported in the next July-December 2023 Half-Yearly Progress Report and in the 2024 PIR.</p> <p>[section will be uploaded into the GEF Portal]</p>

2.7. Environmental and social safeguards management

Moderate/High risk projects (in terms of Environmental and social safeguards)	<p>Was the project classified as moderate/high risk at CEO Endorsement/Approval Stage?</p> <p>Yes, the project was classified at Moderate risk.</p> <p>If yes, what specific safeguard risks were identified in the SRIF/ESERN?</p> <p>According to the Environmental and Social screening undertaken during the preparation of the CEO Endorsement Document, this project was rated as being in the "Moderate" safeguard risk category. In light of this rating, the main safeguard-responsive measures to be taken into consideration were the following:</p> <ol style="list-style-type: none"> 1. Challenges / implications of the MEPS and other policies on the individual and private sector levels: as part of the design of the MEPS, stakeholder consultations will be undertaken by the government with manufacturers, distributors, retailers, customs and laboratories, to assess the implications of the different policy options. This will be done as part of Component 1 of the project. 2. Sound management of hazardous waste: an important part of these policy discussions will be the implications related to collection and
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	<p>disposal of used lamps. Component 4 is precisely designed to address this issue in a comprehensive way, through legislation and capacity building with government officials and other relevant stakeholders.</p> <p>3. Fiscal and financing mechanisms: the financial mechanisms that will be introduced as part of the project have been designed and calibrated by the government to respond to different stakeholder groups. Low income households will receive bulbs free, the hotel sector will have a subsidy, and middle-income groups will be targeted through the financial scheme. The conceptualization of these ideas have started prior to the project as part of a broader policy implementation by the government and will continue after the end of the project. The project will support the roll out and implementation of this phase and the lessons will be used by the government in the future. Component 2 is precisely about this.</p>
<p>New social and/or environmental risks</p>	<p>Have any new social and/or environmental risks been identified during the reporting period? No</p>
<p>Complaints and grievances related to social and/or environmental impacts (to be filled in by TM and EA)</p>	<p>Has the project received complaints related to social and/or environmental impacts (actual or potential) during the reporting period? No</p>
<p>Environmental and social safeguards management</p>	<p>Regarding the 1st bullet point above, several national stakeholders (i.e. ANME, CETIME and ANGED) have participated in the various working sessions for the preparation of the MEPS report. Other national stakeholders (including the private sector) have also been informed during the MEPS workshop that was organized in October 2022. Finally, the PSC members were also informed about the outcomes of the MEPS report during the 3rd PSC meeting held in January 2023. The draft MEPS regulatory text is currently being translated to Arabic for formal dissemination among the key line ministries / national institutions, for a final round review / comments, before official endorsement (planned before the end of year 2023)</p> <p>The work related to the 2nd bullet point above (sound management of waste) has started during the period under review. An assessment report on the current national collection and recycling system and associated legislations has been concluded by the U4E expert. This assessment was informed by the visit to 3 Waste Electrical and Electronic Equipment handling facilities in Tunisia by the U4E expert. The findings of this assessment were discussed with key national stakeholders (ANME, ANGED, etc.) to plan for the next steps of the process. A document outlining logistical key elements for the collection and recycling/ final disposal of lamps and a report on Legal Environmental Sound Management aspects for Extended Producers Responsibility Scheme for Electric and Electronic Equipment in Tunisia were developed by the expert. Finally, training needs of government authorities, retailers and collectors are currently being assessed and training materials being developed to conduct training of the environmentally sound management of used lighting products during the next reporting period.</p> <p>The work related to the 3rd bullet point above (financial mechanisms) is still to be started. We will report on these in the next PIR.</p> <p>[section will be uploaded into the GEF Portal]</p>

2.8. Knowledge management

<p>Knowledge activities and products</p>	<p>As described below, ANME convened and participated in several training, workshops, and outreach events to communicate about this project. ANME organizes weekly streaming for one mi-day to discuss about this project, energy transition, and energy projects.</p>
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	<p>Within the framework of this GEF project, the following knowledge products have been delivered during the period under review:</p> <ul style="list-style-type: none"> • Report on the National Lighting MEPS for the residential sector, the street lighting sector and the tertiary sector • Sustainable Public Procurement Guideline for Street Lighting and Tertiary sector lighting. • Report on QR Codes Benchmarking • Survey on Lighting local manufacturers • Report on tailored recommendations for Monitoring, Verification and Enforcement mechanisms. • Technical recommendations for Laboratory equipment procurement • Laboratory Assessment report • Report on the ESM legal aspects for an Extended Producers Responsibility Scheme for Electric and Electronic Equipment in Tunisia <p>[section will be uploaded into the GEF Portal]</p>
Main learning during the period	<p>Refer to section above for the knowledge products prepared during the period under review. Most of the capacity building and trainings related to the different components will be carried out during the next reporting period (July 2023 to June 2024).</p>

2.9. Stories to be shared

Stories to be shared	<p>No particular story to be shared for this project in this stage.</p> <p>[section to be shared with communication division/ GEF communication]</p>
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3. PROJECT PERFORMANCE AND RISK

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

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

3.1 Rating of progress towards achieving the project outcomes (Development Objectives)

Project objective and Outcomes	Indicator	Baseline level	End-of-project target	Progress as of current period ³	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ⁴
Objective: To facilitate the rapid transformation of the Tunisian market to energy efficient lighting technologies, thereby reducing electrical demand and consumption and related greenhouse gases (GHG) emissions	Indicator A: Labeling and MEPS system developed for lighting products	Baseline A: No Labels nor MEPS for lighting products	Target A: Labeling and MEPS regulations adopted for lighting products	MEPS finalized, awaiting adoption	The MEPS and Labels proposal for Residential and Street Lighting sectors was finalized by U4E and submitted to ANME during the 2nd semester of 2022, based feedback collected during the MEPS and Labels workshop. Further exchanged on the recommendations took place during the 3rd PSC meeting in January 2023 A report outlining public procurement criteria for lighting was prepared and discussed with the different stakeholder during the study visit of the international lighting expert in Tunisia (1-2 June 2023) A draft MEPS regulation was prepared by ANME and discussed and with the international expert for feedback and input. By the 4 th quarter of 2023, the regulation proposal project will be sent to different national stakeholder for validation.	S
	Indicator B: Amount of GHG emissions mitigated	Baseline B: 0 tCO _{2e}	Target B: Direct (including post-project): 809,465 tCO _{2e} ⁵ <i>(10 years after project completion)</i>	N/A yet	The Project Management Unit will only be able to report against these targets at the time of technical completion, i.e. in the year 2025.	S

³ Numeric, percentage, or binary entry only

⁴ Use GEF Secretariat required six-point scale system: Highly Satisfactory (HS), Satisfactory (S), Marginally Satisfactory (MS), Marginally Unsatisfactory (MU), Unsatisfactory (U), and Highly Unsatisfactory (HU).

⁵ This figure represents 50% of the Direct GHG emission reductions calculated in Annex J-2 of the CEO Endorsement Document. Indeed, as agreed with the GEF Secretariat, the Direct benefits to be attributable to a child project under the “Leapfrogging markets to high efficiency products (appliances, including lighting and electrical equipment)” Program shall represent 50% of the project’s estimated Direct GHG emission reductions.

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Project objective and Outcomes	Indicator	Baseline level	End-of-project target	Progress as of current period ³	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ⁴
	Indicator C: Market share of lamps entered in the Tunisian market	Baseline C ⁶ : 2017: - Indoor lamps: IL:8.3% ; HAL: 1.3%; LFL: 21.3%;CFL: 43.3%; LED: 25.9% - Street lighting: VM: 8.6%; SHP: 57.8%; HM: 18.1%; Solar lamp: 15.5%	Target C: End of project: - Indoor lamps: IL:4.2% ; HAL: 1.3%; LFL: 21.3%;CFL: 43.3%; LED: 30% ⁷ - Street lighting: VM: 3.6%; SHP: 57.8%; HM: 18.1%; Solar lamp: 20% 10 years post- project: - Indoor lamps: IL:1.7% ; HAL: 0.3%; LFL: 21.2%;CFL: 28.3%; LED: 48.5% - Street lighting VM: 0%; SHP: 57.8%; HM: 18.1%; Solar lamp: 24%	N/A yet	The Project Management Unit will only be able to report against these targets at project technical completion, i.e. in year 2025. A new baseline study is currently being carried out to assess the market share of CFL and LED lamps (new baseline data as at year 2020 or 2021, corresponding to the beginning of the project).	S
Outcome 1: Adoption by government of MEPS and label requirements	Indicator 1: # of standardized MEPS for efficient lighting adopted by the government	Baseline 1: 0	Target 1: At least 2	MEPS finalized, awaiting adoption	The MEPS and Labels proposal for Residential and Street Lighting sectors was finalized by U4E and submitted to ANME during the 2nd semester of 2022, based feedback collected during the MEPS and Labels workshop. Further exchanged on the recommendations took place during the 3rd PSC meeting in January 2023 A report outlining public procurement criteria for lighting was prepared and discussed with the different stakeholder during the study visit of the international lighting expert in Tunisia (1-2 June 2023) A draft MEPS regulation was prepared by ANME and discussed and with the international expert for feedback and input. By the 4 th quarter of 2023, the regulation proposal project will be sent to different national stakeholder for validation.	S

⁶ These market share ratios are rough estimations based on lighting products' imports obtained from the customs (the latest market study on sales goes back to 2014). A new lighting market study shall be conducted in the next few months in order to adjust and fine tune these figures before the project's Inception Workshop.

⁷The project scenario for the market transition is based on standards and labels regulations adopted by the government which are assumed to be enforced after the completion of the project. However, the project aims to boost the LED market during the project period through communication campaigns and demonstration project in Djerba. Therefore, the target for the market share of LED at the end of the project at least 30% for LED.

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Project objective and Outcomes	Indicator	Baseline level	End-of-project target	Progress as of current period ³	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ⁴
	Indicator 2: # of labelling regulations revised and adopted for lighting products	Baseline 2: 0	Target 2: 1	Labelling regulation finalized, awaiting adoption	A MEPS and Labels proposal for the Tertiary sector lighting was developed and submitted to ANME. The final report on QR Codes Benchmarking developed by U4E and BASE has been submitted to ANME in February 2023. A dedicated meeting on QR Codes with ANME took place on 1st June 2023 to present the report recommendations which includes the QR code, technical specification for lighting products for its PRS and a proposal for updating the HS code to the new international HS2022 code in accordance with the MEPS classification	S
Outcome 2: Government actions for an increased availability and use of efficient lighting are in place	Indicator 3: # of indoor LED lamps distributed by the government	Baseline 3: 0	Target 3: At least 4,000,000	300,000	The distribution project of 4 million LED lamps has been approved by the government, and the amount has been allocated from the energy transition fund. FTE, ANME and STEG are working closely for the establishment of a distribution mechanism of these lamps. The first batch of 400,000 LED lamps has been received by ANME and sent to the various ANME representatives in the governorate where the distribution will be carried out. 300,000 have been distributed so far. ANME is also preparing for the procurement of an additional batch of 1.2 million LED lamps.	S
	Indicator 4: # of financial mechanisms designed and introduced for lighting products	Baseline 4: 0	Target 4: At least 1	0	The work on the financial mechanisms is planned to be initiated in 2 nd semester of Year 2023. Results will therefore likely start materializing towards the end of year 2024.	S
	Indicator 5: # of lighting systems installed under the Djerba demonstration project	Baseline 5: 0	Target 5: At least 1,400 LED street lamps At least 400,000 LED indoor lamps	0	The design of the Djerba demonstration project is planned to be started in 2 nd semester of Year 2023. Results will therefore likely start materializing towards the end of year 2024.	S
Outcome 3: Strengthened national capacity to monitor, verify, enforce and report on compliance of the products with	Indicator 6: # of regulatory text for efficient lighting MVE revised and/or developed	Baseline 6: 0	Target 6: 1	0	The activities on the MVE regulatory framework have started in Year 2023 and are expected to be completed early 2024. The regulatory text is therefore likely to be finalized by mid-2024.	S

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Project objective and Outcomes	Indicator	Baseline level	End-of-project target	Progress as of current period ³	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ⁴
MEPS and Labelling.	Indicator 7: # of training workshops on lighting market monitoring delivered to government authorities and customs administration	Baseline 7: 0	Target 7: At least 2 (with at least 30% female participants representing various institutions who receive training and consultation via this activity)	N/A yet	The U4E expert developed the TORs for Capacity Building focusing on MVE mechanisms. The training sessions will be held in the 2nd half of year 2023.	S
	Indicator 8: CETIME laboratory is internationally accredited and testing LED bulbs in line with adopted protocol and MEPS	Baseline 8: Proposal for accreditation prepared and submitted to relevant international body	Target 8: 1 international accreditation obtained	0	The ANME signed the laboratory financing contract with the Italian cooperation and organized a meeting with the CETIME managers for the planning of the associated activities. The International MVE Specialist hired by U4E has worked on the specifications of the lab equipment and has shared then with ANME and CETIME. CETIME is now preparing to launch the call for tenders. Finally, a lab study tour was organized by U4E for staff from CETIME in October 2022. This allowed the laboratory to refine its preparation of the specifications for the goniometer. The lab accreditation request is planned to be undertaken towards the end of Year 2024.	S
	Indicator 9 # of compliance reports issued on adopted testing protocols	Baseline 9: 0	Target 9: 2	0	The activities related to the testing and operating of the lab will start towards the end of Year 2024. Results will therefore likely start materializing at the very end of the project.	S
Outcome 4: Capacities are in place to implement a national system to collect, recycle and/or responsibly dispose of lighting products that contain hazardous materials.	Indicator 10: # of ESM schemes developed and adopted	Baseline 10: 0	Target 10: 2	Draft scheme prepared	The activities related to the development ESM schemes have continued over the course of this reporting period, by the International ESM Specialist (recruited by U4E). A proposal for collection and recycling schemes for used lamps has been prepared by the expert and is under review by ANME. Given the progress, it is likely the government of Tunisia will be in a position to adopt the new ESM schemes by the end of the project (i.e. March 2025).	S
	Indicator 11: # of regulatory texts on ESM of spent lamps and hazardous waste material contained in lamps developed and adopted	Baseline 11: 0	Target 11: 2	Draft report on EPR prepared	A final report on Legal Environmental Sound Management aspects for Extended Producers Responsibility Scheme for Electric and Electronic Equipment in Tunisia was developed by the International ESM expert and was submitted to ANME and ANGED for review.	S

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Project objective and Outcomes	Indicator	Baseline level	End-of-project target	Progress as of current period ³	Summary by the EA of attainment of the indicator & target as of 30 June 2023	Progress rating ⁴
	Indicator 12: # of retailers and collectors able to implement the adopted ESM schemes of training workshop on ESM delivered to government authorities, retailers and collectors	Baseline 12: 0	Target 12: At least 30 (with at least 30% female participants representing various institutions who receive training and consultation via this activity)	N/A yet	Training needs are being assess in parallel with the ESM Legal and Operational assessments. To date, the topics of 'Extended Producers Responsibility', 'Ecologically Rational Management of Lamps' and 'Elements for the definition of the used lamp management model', have been identified as a key aspect to provide Capacity Building. Training material on the topics of EPR, Ecologically Rational Management of Lamps and Elements for the definition of the used lamp management model have been developed by U4E International ESM expert. The first ESM training session on EPR was delivered by U4E International ESM expert on 31st May 2023.	S

3.2 Rating of progress implementation towards delivery of outputs (Implementation Progress)

Outputs / Activities ⁸	Expected completion date ⁹	Implementation status as of 30 June 2022 (%)	Implementation status as of 30 June 2023 (%)	Progress rating justification ¹⁰ , description of challenges faced and explanations for any delay	Progress rating ¹¹
COMPONENT 1. Regulatory mechanisms, including minimum energy performance standards (MEPS) for lighting products					
Output 1.1: National stakeholders are consulted and informed on the implementation of MEPS and labelling requirements.	31 March 2025	20%	67%	Significant progress has been achieved on the MEPS and labelling related consultations during the period under review. However, the gender related work is still to be fully undertaken.	S
<i>Activity 1.1.1:</i> Setting up of the project steering committee and a working group for MEPS development	30 Nov. 2021	60%	100%	<i>The project steering committee met on 24 January 2023 and validated the proposed MEPS. The MEPS working group was also formally established.</i>	S
<i>Activity 1.1.2:</i> Gender assessment, updating of gender action plan for the project and follow up of gender mainstreaming in the project	31 March 2025	0%	0%	The recruitment of the Gender Mainstreaming Expert is still underway. This activity will only start once the expert is hired by UNDP Tunisia.	MS
<i>Activity 1.1.3:</i> Organization of information and consultation workshops on the implementation of MEPS and labelling requirements.	28 Feb. 2024	0%	100%	The MEPS and Labels Workshop to present the Lighting MEPS proposal to national stakeholders in Tunisia was held on 19th October 2022.	S
Output 1.2: MEPS are adopted for all lighting products, including light emitting diode (LED) lamps and systems.	31 March 2025	11%	40%	The MEPS regulatory text has prepared and will be shared with the different national stakeholders for final review and comments in the 2nd half of year 2023	S
<i>Activity 1.2.1:</i> Development of a market study on stocks, sales, and trends in the purchase and operation of lighting products, with a breakdown of market sectors in terms of energy performance, age, and other key factors (data collection, meetings with key actors, sharing of preliminary results, etc.)	31 March 2025	2%	45%	The 1 st market study was developed during the period under and submitted to ANME in December 2022. It is currently under evaluation. A final market study will also have to be carried towards the end of the project in Q4 2024 / Q1 2025 to assess the market transformation.	S
<i>Activity 1.2.2:</i> Organization of consultation workshop with relevant stakeholders on the study results and the strategy to adopt in view of changing the market trend	30 June 2023	0%	0%	This activity will be delayed in the in the 2nd half of year 2023	MS
<i>Activity 1.2.3:</i> Review and support in finalising draft national EE regulations (MEPS) for lighting products in Tunisia	31 Dec. 2022	90%	100%	Development of MEPS proposal for Residential and Street Lighting sectors, were finalized and submitted to ANME during last semester, but have been updated based feedback collected during the MEPS and Labels workshop. A MEPS and Labels proposal for the Tertiary sector lighting was developed and submitted to ANME.	S

⁸ Outputs and activities (or deliverables) as described in the project logframe and workplan revision3.

⁹ The completion dates should be as per latest workplan revision 3.

¹⁰ As much as possible, describe in terms of immediate gains to target groups, e.g. access to project deliverables, participation in receiving services; gains in knowledge, etc.

¹¹ To be provided by the UNEP Task Manager

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Outputs / Activities ⁸	Expected completion date ⁹	Implementation status as of 30 June 2022 (%)	Implementation status as of 30 June 2023 (%)	Progress rating justification ¹⁰ , description of challenges faced and explanations for any delay	Progress rating ¹¹
<i>Activity 1.2.4:</i> Organization of a consultation workshop on the standards developed	31 Oct. 2022	0%	100%	Consultation MEPS workshop to present and discuss the proposals with local stakeholders took place in Tunis on 18th October 2022. Complementary meetings with ANME and CETIME took place during the same week. An article on the MEPS and Labels workshop has been featured on U4E's website.	S
<i>Activity 1.2.5:</i> Finalization of standards based on exchange with national stakeholders and preparation of a relating regulatory text	31 July 2023	0%	95%	The MEPS and Labels reports have been updated based on stakeholders' feedback and comments received during the MEPS workshop. A local committee meeting took place on 8 th December 2022, and side documents and notes addressing the additional comments received have been developed by U4E International Lighting expert, Bruno Lafitte. The MEPS was validated by the steering committee on 24 January 2023 and the final draft of MEPS was send. A first draft of Tunisian MEPS regulation in Arabic language is currently being prepared by ANME.	S
<i>Activity 1.2.6:</i> Technical support for the official publication of the regulatory text	31 Dec. 2023	0%	25%	The draft of Tunisian MEPS prepared by ANME was discussed with the U4E international lighting expert.	S
<i>Activity 1.2.7:</i> Update of the phase out plan of incandescent lamps	30 Nov. 2023	0%	0%	This activity is planned to start during Q3 2023	S
<i>Activity 1.2.8:</i> Technical support for the official publication of the regulatory text relating to the phase out of incandescent lamps	30 Sept. 2023	0%	0%	This activity is planned to start during Q3 2023	S
<i>Activity 1.2.9:</i> Technical support for the official publication of the regulatory text relating to lamps labelling	31 Dec.2023	0%	0%	This activity is planned to start during Q3 2023	S
<i>Activity 1.2.10:</i> Benchmarking of international experiences of QR application for labelling and the associated IT equipment	30 Nov. 2023	25%	70%	Final report on QR Codes Benchmarking developed by U4E partner BASE and Lighting expert Bruno Lafitte has been submitted to ANME (#3) in February 2023. A dedicated meeting on QR Codes with ANME took place on 1st June 2023 to present the report recommendations which includes the QR code, technical specification for lighting products for its PRS and a proposal for updating the HS code to the new international HS2022 code in accordance with the MEPS classification. A final workshop will be organized by ANME in S2 2023.	S
<i>Activity 1.2.11:</i> Design, development, installation and testing of QR application for labelling, and associated hardware equipment	31 Mar. 2025	0%	0%	This activity is planned to start during Q3 2023	S
COMPONENT 2: Supporting policies for high efficiency lighting technology deployment					
Output 2.1: Public awareness is raised through multi-media communication and distribution campaigns, increasing consumers uptake of efficient lighting.	31 Mar 2025	0.5%	1.5%	All the activities under this output are now due to start during the 3rd quarter of 2023, with the exception of the procurement of LEDs, which has already started with a 1st batch 400,000 lamps.	S
<i>Activity 2.1.1:</i> Preparation of a communication plan targeting the general public	30 Sept. 2023	0%	0%	This activity is planned to start during Q3 2023	S
<i>Activity 2.1.2:</i> Preparation of communication and demonstration material and tools	31 Dec. 2023	0%	0%	This activity is planned to start during Q3 2023	S

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Outputs / Activities ⁸	Expected completion date ⁹	Implementation status as of 30 June 2022 (%)	Implementation status as of 30 June 2023 (%)	Progress rating justification ¹⁰ , description of challenges faced and explanations for any delay	Progress rating ¹¹
<i>Activity 2.1.3:</i> Training of awareness raising and demonstration teams	31 Mar. 2024	0%	0%	This activity is planned to start during Q4 2023	S
<i>Activity 2.1.4:</i> Conduction of a communication and in-situ demonstration campaign (print and electronic media, TV, radio, etc.)	31 Mar. 2025	0%	0%	This activity is planned to start during Q1 2024	S
<i>Activity 2.1.5:</i> Design of a scheme for the distribution of LED lamps and collection of replaced lamps (approach, participants, planning, etc.)	31 Dec. 2023	0%	0%	This activity is planned to start during Q3 2023	S
<i>Activity 2.1.6:</i> Call for proposals and selection of participating NGOs	30 Sept. 2023	0%	0%	This activity is planned to start during Q3 2023	S
<i>Activity 2.1.7:</i> Training of participation NGOs on Energy Efficiency in lighting, impact of LED lamps Use and collection of replaced lamps	31 Dec. 2023	0%	0%	This activity is planned to start during Q4 2023	S
<i>Activity 2.1.8:</i> Tendering and procurement of LED lamps	31 Dec. 2024	5%	15%	The distribution project of 4 million LED lamps has been approved by the government, and the amount has been allocated from the energy transition fund. The first batch of 400,000 LED lamps has been received by ANME and sent to the various ANME representatives in the governorate where the distribution will be carried out.	S
<i>Activity 2.1.9:</i> Implementation of distribution and collection activities	31 Mar. 2025	0%	0%	The distribution of the 1 st batch of 400,000 LEDs will start in Q3 2023.	S
Output 2.2: Financial mechanisms, such as on-bill financing, are introduced to support end users' purchases of efficient lighting products	31 Mar 2025	10%	20%	The technical working group on financial mechanisms was established. The activities related to this output are planned to begin once the Financial Mechanisms expert is hired – most likely during the 3rd quarter of 2023	S
<i>Activity 2.2.1:</i> Setting up of a working group for the design of financial mechanisms	30 Nov. 2022	50%	100%	The working group has been established in November 2022.	S
<i>Activity 2.2.2:</i> Designing different financial models for offsetting the initial first cost of high efficiency products according to lighting product type and utilization (street lighting, commercial, residential) including specific financial model for the residential sector.	31 Jan. 2024	0%	0%	This activity is planned to start during Q3 2023	S
<i>Activity 2.2.3:</i> Organization of consultation workshop with relevant stakeholders on financing scheme design.	31 Jan. 2024	0%	0%	This activity is planned to start during Q4 2023	S
<i>Activity 2.2.4:</i> Conducting negotiation with relevant stakeholders on the establishment and implementation of the financial mechanism.	31 Mar. 2025	0%	0%	This activity is planned to start during Q4 2023	S
<i>Activity 2.2.5:</i> Preparation of a funding request for international financial support of the financial mechanisms in the lighting sector	31 Dec. 2024	0%	0%	This activity is planned to start during Q3 2024	S

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Outputs / Activities ⁸	Expected completion date ⁹	Implementation status as of 30 June 2022 (%)	Implementation status as of 30 June 2023 (%)	Progress rating justification ¹⁰ , description of challenges faced and explanations for any delay	Progress rating ¹¹
Output 2.3: Training is delivered to local lamp producers to strengthen technical capacity to produce LED lamps and LED lighting systems with controls	31 Dec. 2023	0%	33%	The work on the activities under this output is underway and should be completed by the end of year 2023.	MS
<i>Activity 2.3.1:</i> In-situ assessment of manufacturers production lines and technology needs	31 Mar. 2023	0%	75%	In addition to technical visit by International Lighting experts during the previous semester to four (4) local lighting manufacturers in Tunis, a follow up meeting by U4E Lighting Expert and BASE took place on 2nd June 2023 with another group of manufactures. A survey to gather complementary information was submitted to 25 manufacturers, and to date, was received enough information to help conclude the activity. Manufacturer's assessment report will be submitted for ANME's review in Q3 2023. New tentative completion date: 30 September 2023	MS
Activity 2.3.2: Proposal of an upgrade plan to local manufacturers on transitioning from incandescent lamp and CFL manufacturing to the production of LED lamps and improving quality product for LED manufacturers	31 Aug. 2023	0%	25%	This activity is expected to start upon the finalization of the Manufacturer's Assessment report in Q3 2023. The approach on the type of upgrade proposals and potential ideas/suggestions were discussed with manufacturers during the meeting on 2nd June 2023. New tentative completion date: 30 November 2023	MS
<i>Activity 2.3.3:</i> Conduction of training sessions to local manufacturers on transitioning from incandescent lamp and CFL manufacturing to the production of LED lamps and improving quality product for LED manufacturers	30 Sept. 2023	0%	0%	This activity is tentatively expected to start in S2 2023, although this timing depends on the completion of activity 2.3.2. New tentative completion date: November 2023	S
<i>Activity 2.3.4:</i> On field support to the potential local manufacturers engaged in upgrade plan during project implementation	31 Dec. 2023	0%	0%	This activity is tentatively expected to start in S2 2023, although this timing depends on the completion of activities 2.3.2 and 2.3.3.	S
Output 2.4: An "all-LED island" lighting demonstration project is completed on Djerba through public-private partnerships with the municipality and hospitality sector.	31 Mar 2025	0%	10%	The activities under this output are expected to start during the 2nd semester of 2023	S
<i>Activity 2.4.1:</i> Setting up of a working group for Djerba pilot project design and implementation	31 Nov. 2022	0%	100%	The working group has been established in November 2022.	S
<i>Activity 2.4.2:</i> Development of a technical and financial feasibility study for the design of the pilot project	31 Dec. 2023	0%	0%	This activity is planned to start during Q3 2023	S
<i>Activity 2.4.3:</i> Development of a PPP business model for the implementation of the project	31 Dec. 2023	0%	0%	This activity is planned to start during Q4 2023	S
<i>Activity 2.4.4:</i> Organization of consultation workshop with relevant stakeholders	31 Dec. 2023	0%	0%	This activity is planned to start during Q4 2023	S
<i>Activity 2.4.5:</i> Conducting negotiation with relevant stakeholders on securing funding and the implementation of the project	31 Mar. 2024	0%	0%	This activity is planned to start during Q4 2023	S
<i>Activity 2.4.6:</i> Conduction of re-lamping assessments in the participating hotels and municipalities	30 April 2024	0%	0%	This activity is planned to start during Q1 2024	S

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Outputs / Activities ⁸	Expected completion date ⁹	Implementation status as of 30 June 2022 (%)	Implementation status as of 30 June 2023 (%)	Progress rating justification ¹⁰ , description of challenges faced and explanations for any delay	Progress rating ¹¹
<i>Activity 2.4.7:</i> Development of technical specification for procurement of LED lamps by municipalities and staff training	31 May 2024	0%	0%	This activity is planned to start during Q1 2024	S
<i>Activity 2.4.8:</i> Preparation of technical guidance, promotional brochures, communication plan and material	31 May 2024	0%	0%	This activity is planned to start during Q1 2024	S
<i>Activity 2.4.9:</i> Conduction of a communication campaign	31 Mar. 2025	0%	0%	This activity is planned to start during Q2 2024	S
<i>Activity 2.4.10:</i> Installation of LED lamps and systems in participating hotels and municipalities and collection of replaced lamps	31 Mar. 2025	0%	0%	This activity is planned to start during Q2 2024	S
COMPONENT 3. Strengthened monitoring, verification and enforcement (MVE) for lighting product					
Output 3.1: Legal framework for efficient lighting MVE is reviewed and strengthened	31 March 2024	0%	33%	The activities under this output will be slightly delayed, and shall resume once the National Efficient Lighting expert is hired by UNDP.	S
<i>Activity 3.1.1:</i> Analysis of current legislation and definition of gaps and needs for improvement	30 June 2023	0%	50%	Decree n°2006-432 of 9 th February for public lighting was discussed with international experts. The ANME and expert(s) will have to prepare a report on gaps and needs for improvements. New tentative completion date: 30 September 2023	MS
<i>Activity 3.1.2:</i> Developing (or amending if need be current) legislation to include specific control procedure of lighting products (administrative flow, entities responsible for control, control methods, penalty regime, etc.)	30 Sept. 2023	0%	50%	The ANME is currently working on the new legislation	S
<i>Activity 3.1.3:</i> Technical support for the official publication of the regulatory text (new or amended)	31 Mar. 2024	0%	0%	This activity is tentatively expected to start in S2 2023, upon finalizing activities 3.1.1 and 3.1.2 above.	S
Output 3.2: Training is delivered to government authorities and customs administration on lighting market monitoring	30 Sept. 2023	0%	67%	The training activities will likely be completed before the end of year 2023.	S
<i>Activity 3.2.1:</i> Assess training needs of government authorities and customs administration on lighting market monitoring	31 Mar. 2023	0%	100%	Final report on MVE mechanisms and practices assessment has been developed by U4E partner EVO and submitted to ANME in February 2023. The report is currently undergoing internal revision by ANME.	S
<i>Activity 3.2.2:</i> Prepare training material	30 June 2023	0%	100%	TOR for MVE Capacity Building has been developed by U4E partner EVO and submitted to ANME in February 2023. Pending confirmation from ANME to set the date of the training, which is due to take place in Q3 2023	S
<i>Activity 3.2.3:</i> Deliver training workshops on international best practices and monitoring, verification and enforcement practices that guarantee the compliance of MEPS and labels	30 Sept. 2023	0%	0%	This activity is tentatively expected to take place in S2 2023.	S

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Outputs / Activities ⁸	Expected completion date ⁹	Implementation status as of 30 June 2022 (%)	Implementation status as of 30 June 2023 (%)	Progress rating justification ¹⁰ , description of challenges faced and explanations for any delay	Progress rating ¹¹
Output 3.3: Testing capacities of the national lamp laboratories is strengthened through technical equipment of laboratories and staff qualification	31 Dec. 2024	17%	49%	Significant progress has been made under this output through the U4E technical support. ANME and CETIME are now to initiate the procurement of the lab equipment in year 2023.	S
<i>Activity 3.3.1:</i> Identify and assess technical, equipment, human and financial needs of CETIME to ensure a tailored update to current labeling and MEPS and preparation of technical assistance, training and procurement plan	31 Dec. 2022	50%	100%	Laboratory assessment report on CETIME's technical, equipment and staff were developed by the International MVE Specialist Steven Coyne and submitted to ANME and CETIME.	S
<i>Activity 3.3.2:</i> Procurement of laboratory equipment & instruments, installation and testing	31 July 2024	10%	20%	Exchange and technical assistance to the CETIME Lab for the definition of the facility's needs has been delivered by U4E throughout the 2 nd semester of 2023. Several proposals were developed for the technical specifications of the different Lab equipment. Further follow up meeting at CETIME took place during the technical visit to Tunisia on 21st October 2022.	S
<i>Activity 3.3.3:</i> Capacity Building training and coaching for lab staff on test and measurement methods and utilization of newly installed equipment	30 Sept. 2024	0%	50%	TOR for Capacity Building on Photometry to build testing capability in lighting product performance for energy efficient appliance regulation in Tunisia has been developed by International MVE expert and submitted to CETIME and ANME. Pending confirmation from ANME to set the date of the training, which is due to take place in Q4 2023. Additional training will also be provided towards the end of 2024, once the equipment is delivered.	S
<i>Activity 3.3.4:</i> Conducting inter-comparison experiments	30 Sept. 2024	10%	75%	Overseas Study Tour Programme for Photometric test Laboratories has taken place at Laboratoire National de Métrologie et d'Essais and LED Engineering Development (France) from 3rd to 7th October 2022. A total of 5 representatives from ANME and CETIME participated in the training. An article on the Study tour's outcome has been featured at U4E's website. Conducting inter-comparison experiments depends on the acquisition of the new equipment, since CETIME currently doesn't yet have the equipment needed to perform this exercise.	S
<i>Activity 3.3.5:</i> Technical assistance for lab international accreditation	31 Dec. 2024	0%	0%	The activities under this output are expected to start during the 2 nd semester of 2024. The start of this activity depends on the acquisition of the new equipment to undertake the accreditation of the Lab.	S
Output 3.4: Information strategy is implemented to help the private sector understand the requirements in complying with MEPS and labeling.	31 Dec. 2024	0%	0%	The activities under this output are expected to start during the 2nd semester of 2023.	S
<i>Activity 3.4.1:</i> Design and elaboration of an information strategy	31 Oct. 2023	0%	0%	This activity is planned to start during Q3 2023	S
<i>Activity 3.4.2:</i> Design and development of register and a web site (MEPS requirements, labelling requirements, accredited retailers, accredited product, etc.)	31 Dec. 2023	0%	0%	This activity is planned to start during Q3 2023	S
<i>Activity 3.4.3:</i> Design and development of communication materials targeting the private sector (flyers, CD, etc.)	28 Feb. 2024	0%	0%	This activity is planned to start during Q4 2023	S

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Outputs / Activities ⁸	Expected completion date ⁹	Implementation status as of 30 June 2022 (%)	Implementation status as of 30 June 2023 (%)	Progress rating justification ¹⁰ , description of challenges faced and explanations for any delay	Progress rating ¹¹
<i>Activity 3.4.4:</i> Organization of information workshops and on-site communication actions targeting the private sector	31 Dec. 2024	0%	0%	This activity is planned to start during Q1 2024	S
COMPONENT 4. Environmentally sound management of efficient lighting products					
Output 4.1: Lamp collection and recycling or disposal scheme for used lamps is designed and adopted	31 Dec. 2023	12%	75%	Activities under this output have made good progress during the period under review, through the work of the International ESM Expert.	S
<i>Activity 4.1.1:</i> Setting up a working group on the environmentally sound management of lighting products and hazardous material contained in lighting products	30 Nov. 2022	0%	100%	The working group has been established in November 2022.	S
<i>Activity 4.1.2:</i> Elaboration of a study on the feasibility assessment and on the design of a collection and recycling or disposal scheme for lighting products and hazardous material contained in lighting products	31 March 2023	25%	100%	Data gathering process to assess the current national collection and recycling system in Tunisia has been concluded with a technical mission from U4E International ESM expert, Ignacio Duque. The mission included the visit to three (3) WEEE collection and recycling plants in Tunisia. All findings that justify the technical proposals will be part of the corresponding reports.	S
<i>Activity 4.1.3:</i> Organization of a consultation workshop on the study results	30 June 2023	0%	50%	A consultative workshop between ANME and ANGED took place during the technical mission to Tunis on 29th, 30th and 31st May 2023, to discuss findings from the assessment, current situation and plans ahead from the country in terms of a collection and recycling system and meetings with other national stakeholders. New tentative completion date:31 December 2023	S
<i>Activity 4.1.4:</i> Proposal of a collection and recycling or disposal scheme based on study results and workshop inputs for adoption by the Ministry of environment and proposal of a regulatory text based on study results for financing the environmentally sound management of lighting products and hazardous material contained in lighting products	31 Dec. 2023	25%	50%	Approval by ANME and ANGED of document on Logistics key elements for the collection and recycling/ final disposal of lamps by International ESM expert. An Operative ESM report will be delivered in S2 2023.	S
Output 4.2: National legislation on environmentally sound management of lighting products and hazardous material contained in lighting products is developed	31 Dec. 2023	8%	67%	Activities under this output have made good progress during the period under review, through the work of the International ESM Expert.	S
<i>Activity 4.2.1:</i> Conduction of a detailed study on the review of the current legislation and development of legal framework for the environmentally sound management of lighting products at end of life and standards for maximum levels of mercury	31 March 2023	25%	100%	Data gathering process to assess the current collection and recycling system in Tunisia has been concluded. All findings that justify the technical proposals will be part of the corresponding reports.	S

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Outputs / Activities ⁸	Expected completion date ⁹	Implementation status as of 30 June 2022 (%)	Implementation status as of 30 June 2023 (%)	Progress rating justification ¹⁰ , description of challenges faced and explanations for any delay	Progress rating ¹¹
<i>Activity 4.2.2:</i> Organization of a consultation workshop on the study results	30 June 2023	0%	50%	A consultative workshop between ANME and ANGED took place during the technical mission to Tunis on 29th, 30th and 31st May 2023, to discuss findings from the assessment, current situation and plans ahead from the country in terms of a collection and recycling system and meetings with other national stakeholders. New tentative completion date: 31 December 2023	S
<i>Activity 4.2.3:</i> Proposal of a new regulatory text or amending of existing one based on study results and workshop inputs and technical support for the official publication of the (new or amended) regulatory text	31 Dec. 2023	0%	50%	Development report on Legal Environmental Sound Management aspects for Extended Producers Responsibility Scheme for Electric and Electronic Equipment in Tunisia by International ESM expert, which has been submitted to ANME and ANGED for review.	S
Output 4.3: Training is delivered to government authorities, retailers and collectors	31 Dec. 2023	0%	50%	The activities under this output are progressing well.	S
<i>Activity 4.3.1:</i> Assess training needs of government authorities, retailers and collectors	31 Aug. 2023	0%	50%	Training needs are being assess in parallel with the ESM Legal and Operational assessments from activities 4.1.2 and 4.2.1 To date, the topics of 'Extended Producers Responsibility', 'Ecologically Rational Management of Lamps' and 'Elements for the definition of the used lamp management model', have been identified as a key aspect to provide Capacity Building. Further training and technical assistance shall be provided to the end of the project upon request from ANME. New tentative completion date: 31 December 2023	S
<i>Activity 4.3.2:</i> Prepare training material and technical guidebooks	31 Oct. 2023	0%	50%	Training material on the topics of Extended Producers Responsibility, Ecologically Rational Management of Lamps and Elements for the definition of the used lamp management model have been developed by U4E International ESM expert.	S
<i>Activity 4.3.3:</i> Deliver training workshops on international experiences on environmentally sound management of lighting products, regulatory requirements, and the developed scheme on lamp collection and recycling or disposal	31 Dec. 2023	0%	50%	First ESM training session on Extended Producers Responsibility was delivered by U4E International ESM expert to ANME, ANGED, representatives of the Ministry of Interior (Municipalities), Ministry of Finance, Ministry of Industry, Ministry of Commerce and local lighting manufacturers on 31st May 2023.	S

4. Risk Rating

4.1 Table A. Project management Risk

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

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

If any of the risk factors is rated a Moderate or higher, please include it in table B below.

4.2 Table B. Risk-Log

Risk	Risk affecting:	CEO ED	Risk Rating				Variation respect to last rating	
	Outcome / outputs		PIR 1	PIR 2	PIR 3	PIR 4	Δ	Justification
Risks identified at CEO Endorsement								
Low degree of collaboration between different actors and lack of willingness among stakeholders to collaborate/contribute	All	M	-	M	M	L	↓	All technical working groups have been established in year 2022. ANME shared the list of members / representatives for the 4 technical working groups with UNEP in November 2022.
Risk of policy implementation or enforcement	Outcomes 1 and 3	M	-	-	-	-		The different policy (MPES and labelling) or regulatory (MVE framework) documents planned as part of this project have not been fully finalized yet. The project will be in position to assess this risk in the next PIR.
Risk of non-operationalization of the designed financial mechanism	Outcome 2	M	-	-	-	-		The implementation of project activities in relation to the financial mechanisms (output 2.2) is still to start. It is therefore not possible to assess this risk yet.
Risk of negative public perception toward LED lighting technology	All	L	-	-	L	L	=	At this stage there is no sign of negative perception regarding LED products in Tunisia.
The co-financing contributions may be delayed causing a delay or unsuccessful delivery of the project results	All	M	-	-	L	L	=	The tendering process related to the 4 million LED lamps to be purchased and distributed by the government of Tunisia has started (for a 1 st batch of 400,000 LED at this stage). The procurement of these lamps represents a significant share of ANME's US\$ 15 million co-finance commitment to the project, so there is

									confidence co-finance contributions will start materializing over the next reporting period.
Resistance against, or lack of interest in, the project activities from stakeholders, especially with regard to the active promotion of gender equality.	All	L	-	-	-	L			UNEP Tunisia will soon be hiring a Gender Expert to support with the enforcement of the Gender Action Plan.
Lack of interest from women and / or lack of qualified female personnel to participate in the project	All	M	-	L	L	L	=		Women have actively participated in the project events organized so far (PSC meetings, trainings, workshops, etc.)
Risk if environmental problem related to spent lamps management	Outcome 4	L	-	-	-	L			The implementation of the project's substantive activities in relation the environmental management of used lighting products (component 4) is underway. These activities will provide the basis for environmentally sound management of used lamps.
Risks identified in the Environmental and Social Safeguards screening									
<u>Stakeholder consultations:</u> Challenges / implications of the MEPS and other policies for stakeholders on the individual (cultural, financial and information gaps, fitting/replacing the existing layouts), private sector (production capacity, distribution network and profitability), and policy levels (production, recycling, regulations, policy inconsistencies across laws, strategies, fiscal and economic approaches).	All	M	-	-	L	L	=		Several national stakeholders (i.e. ANME, CETIME and ANGED) have participated in the various working sessions for the preparation of the MEPS report. Other national stakeholders (including the private sector) have also been informed during the MEPS workshop that was organized in October 2022. Finally, the PSC members were also informed about the outcomes of the MEPS report during the 3rd PSC meeting held in January 2023. The draft MEPS regulatory text is currently being translated to Arabic for formal dissemination among the key line ministries / national institutions, for a final round review / comments, before official endorsement (planned before the end of year 2023)
<u>SS 2: Resource Efficiency, Pollution Prevention and Management of Chemicals and Wastes</u> Sound management of hazardous waste: a functioning and efficient waste management system is often expensive and requires adequate capacity building. Management of waste from the old light bulbs, including mercury, as well as the LED bulbs and lamps require careful management, monitoring and reporting. Training and support should be provided to those who are in charge of disposing the harmful materials or those who change the lamps.	Outcome 4	M	-	-	-	L	↓		An important part of these policy discussions will be the implications related to collection and disposal of used lamps. Component 4 is precisely designed to address this issue in a comprehensive way, through legislation and capacity building with government officials and other relevant stakeholders. As of 30 June 2023, the project has achieved significant progress with regards to component 4. An assessment report on the current national collection and recycling system and associated legislations has been concluded by the U4E expert. This assessment was informed by the visit to 3 Waste Electrical and Electronic Equipment handling facilities in Tunisia by the U4E expert. The findings of this assessment were discussed with key national stakeholders (ANME, ANGED, etc.) to plan for the next steps of the process. A document outlining logistical key elements for the collection and recycling/ final disposal of lamps and a report on Legal Environmental Sound Management aspects for Extended Producers Responsibility Scheme for Electric and Electronic Equipment in Tunisia were developed by the expert. Finally, training needs of government authorities, retailers and collectors are currently being assessed and training materials being developed to conduct training of the environmentally sound management of used lighting products during the next reporting period
<u>SS 9: Economic Sustainability</u> Taxation / financial mechanisms: rolling out of fiscal and technology support should be based on understanding of the needs, responsibilities and constraints of diverse international private sector and government ministries and consumers, especially the poor, local SMEs and certain population groups (based on region, types of industries involved, urban vs. rural groups and so on).	Outcome 2	M	-	-	-	-	-		The financial mechanisms that will be introduced as part of the project have been designed and calibrated by the government to respond to different stakeholder groups. Low income households will receive bulbs free, the hotel sector will have a subsidy, and middle-income groups will be targeted through the financial scheme. The conceptualization of these ideas has started prior to the project as part of a broader policy implementation by the government and will continue after the end of the project. The project will support the roll out and implementation of this phase and the lessons will be used by the government in the future. Component 2 is precisely about this.

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								<i>Note: Since the work on financial mechanisms will start in the 2nd semester of year 2023, this safeguard measure has not been implemented yet, but will be considered over the next few months as the ANME, UNEP Tunisia and U4E start implementing the activities under Component 2.</i>
Risks identified in the 2022 PIR								
The low level of collaboration from national stakeholders / institutions poses a risk to proper implementation of project activities and to the institutionalization and ownership of project results, as well as their sustainability over time	All				L	L	=	All technical working groups have been established in year 2022. ANME shared the list of members / representatives for the 4 technical working groups with UNEP in November 2022.
ANME is not able to hire national experts nor to contract service providers, companies or NGOs due to very challenging national procurement processes and rules	All				M	L	↓	UNEP in its role as IA has been having online coordination meetings with ANME to resolve this issue during the period under review. Part of the project execution has now been transferred to UNDP Tunisia, which has the ability to hire national experts and service providers. Activity implementation will gain momentum in the 2 nd semester of 2023.
New risks identified in the 2023 PIR								
Delayed procurement of the laboratory equipment						M		The main risk is related to the ability of test laboratories to prepare to support the scaling up to more efficient technologies is still existing. Indeed, despite the study trip carried out to allow CETIME staff to make a decision on the goniometer, the tendering process for the acquisition of laboratory equipment is still blocked due to the final choice to be made on the goniometer. The delay in the acquisition of laboratory equipment entails a risk of losing the national funding planned for the construction/extension of the laboratory building to accommodate the new equipment.
Consolidated project risk		n.a	S	M	S	L		<i>This section focuses on the variation. The overall rating is discussed in section 2.3.</i>

Table C. Outstanding Moderate, Significant, and High risks

Risk	Actions decided during the previous reporting instance (2022 PIR)	Actions effectively undertaken this reporting period	Additional mitigation measures for the next periods		
			What	When	By whom
Risks and actions from the 2022 PIR					
Given the significant delay incurred by the project since the CEO Endorsement Document was approved by the GEF (11 April 2018), it is possible that some of the project's baseline situation and end-of-project targets (Annex A of the CEO Endorsement Document) could now be outdated / obsolete.	Action 1 [2022]: Once the National Efficient Lighting expert is hired, ANME will have to prepare an update set of baseline figures for the project as at year 2020 or 2021. Based on these, the end-of-project targets for market share of the different lighting technologies will have to be updated.	ANME has hired a National Efficient Lighting expert for a limited scope of the project.	Action 1 [2023]: ANME to share updated baseline and targets with UNEP for review	Q3-Q4 2023	ANME
The low level of collaboration from national stakeholders / institutions poses a risk to proper implementation of project activities and to the institutionalization and ownership of project results, as well as their sustainability over time	Action 2 [2022]: The ANME will have to ensure the ministries / institutions appoint representatives to participate in these technical WGs. A formal communication will need to be sent again to all partner institutions, with a deadline (30 September 2022) to appoint specific individuals to participate in the WGs.	All technical working groups have been established.	N/A		
	Action 3 [2022]: The ANME will share a list of members / representatives for the 4 technical working groups with UNEP.	ANME shared the list of representatives for the 4 technical working groups with UNEP in November 2022.	N/A		
ANME is not able to hire national experts nor to contract service providers, companies or NGOs due to very challenging national procurement processes and rules	Action 4 [2022]: ANME will identify the project activities that it is not able to carry out (along with the associated budget lines), to be transferred to a third-party organization, and inform UNEP.	The ANME has identified the activities to be handed over to UNDP Tunisia.	N/A		
	Action 5 [2022]: ANME will engage with third-party entities in to discuss the possibility of delegating the authority to execute part of the project activities.	UNDP Tunisia has been identified as the third party to support the ANME in executing the project.	N/A		
	Action 6 [2022]: once a 3 rd party partner is identified, ANME will prepare a budget / workplan revision to reflect the split of activities & budget between ANME / 3 rd party entity and share for UNEP review.	A budget and workplan revision have been prepared in Q1 2023 and shared with UNEP.	N/A		
	Action 7 [2022]: if the alternative execution arrangements and the workplan / budget revisions are cleared by UNEP, then UNEP,	Done in Q1 2023. PCA amendment and UN to UN agreement were signed in May / June 2023.	N/A		

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	<p>ANME and the third-party will work on preparing the required legal agreements</p> <p>Action 8 [2022]: the alternative execution arrangements as well as the budget / workplan revision will be presented by ANME during the 3rd Project Steering Committee meeting to be organized in the last quarter of year 2022.</p> <p>Action 9 [2022]: if the new execution arrangements have not been established by ANME by 31 Dec. 2022, UNEP will discuss with GEF OFP the viability of the project.</p>	<p>This was mentioned during the 3rd PSC meeting held in January 2023.</p> <p>N/A</p>	<p>N/A</p> <p>N/A</p>		
New risks and actions from the 2023 PIR					
Delayed procurement of the laboratory equipment	N/A	N/A	<p>Action 2 [2023]: CETIME and ANME CETIME to make a final decision on the laboratory equipment specifications, in particular the goniometer before end of September 2023.</p> <p>Action 3 [2023]: ANME will sign a convention with CETIME to delegate the equipment acquisition to them. CETIME will launch the tendering process of the lab equipment before end of November 2023.</p> <p>Action 4 [2024]: CETIME / ANME to select a bidder a place an order for the equipment before the end of year 2023.</p>	<p>30 September 2023 latest</p> <p>31 October 2023 latest</p> <p>28 February 2024 latest</p>	<p>CETIME / ANME</p> <p>CETIME / ANME</p> <p>CETIME / ANME</p>

High Risk (H): There is a probability of greater than 75% that **assumptions** may fail to hold or materialize, and/or the project may face high risks.
Significant Risk (S): There is a probability of between 51% and 75% that **assumptions** may fail to hold and/or the project may face substantial risks.
Moderate Risk (M): There is a probability of between 26% and 50% that **assumptions** may fail to hold or materialize, and/or the project may face only modest risks.
Low Risk (L): There is a probability of up to 25% that **assumptions** may fail to hold or materialize, and/or the project may face only modest risks.

5. Project Minor Amendments

5.1 Table A: Listing of all Minor Amendment

<input type="checkbox"/> Results framework	<input type="checkbox"/> Minor project objective change
<input type="checkbox"/> Components and cost	<input type="checkbox"/> Safeguards
<input checked="" type="checkbox"/> Institutional and implementation arrangements	<input type="checkbox"/> Risk analysis
<input type="checkbox"/> Financial management	<input type="checkbox"/> Increase of GEF project financing up to 5%
<input checked="" type="checkbox"/> Implementation schedule	<input type="checkbox"/> Co-financing
<input type="checkbox"/> Executing Entity	<input type="checkbox"/> Location of project activity
<input type="checkbox"/> Executing Entity Category	<input type="checkbox"/> Other

Minor amendments	<p>Implementation arrangements: given its challenges to hire national experts and service providers, ANME has transferred to UNDP Tunisia the responsibility to execute certain activities of the project. ANME however remains the Executing Agency for the project.</p> <p>Implementation schedule: given the delays incurred by the project due to administrative challenges for ANME to hire national experts and services providers, the project's technical completion date was extended to 31 March 2025 (rev 4).</p>
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5.2 Table B: History of project revisions and/or extensions

Version	Type	Signed/Approved by UNEP	Entry into Force (last signature Date)	Agreement Expiry Date	Main changes introduced in this revision
Original legal instrument		28 May 2019	3 June 2019	31 October 2023	
Revision 1	Revision	28 May 2019	3 June 2019	31 October 2023	To factor in the ANME's request for targeted technical support from the UAE, for a total budget of US\$ 582,000.
Amendment 1 Revision2	Extension	19 August 2021	25 August 2021	31 March 2025	Extension of the project's technical completion date to 31 March 2024 to factor in the ANME's delay in setting up the Project Management Unit, hiring the Project Manager and officially kicking off the project.
Revision 3	Revision	22 February 2022	22 February 2022	31 March 2025	Budget rev 3 to re-phase the unspent funds for the Years 2022, 2023 & 2024 and workplan rev 2 to re-organize activity timelines due to delays in activity implementation (Covid-19 + lengthy procurement processes)
Amendment 2 Revision 4	Extension	24 May 2023	25 May 2023	31 March 2026	Inclusion of the UN to UN Agreement with UNDP Tunisia and extension of the technical completion date to 31 March 2025.

6. GEO Location Information:

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

Location Name Required field	Latitude Required field	Longitude Required field	Geo Name ID Required field if the location is not an exact site	Location Description Optional text field	Activity Description Optional text field
Tunis, Tunisia	36.791172	10.233765	2464461		
Djerba, Tunisia	33.773391	10.885904	2470181		

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

N/A