



## Monitoring & Evaluation (M&E) Plan and Impact Statement Template

<b>Basic Information</b>	
Title of response plan	<b>PROVISION OF TECHNICAL ASSISTANCE FOR THE IDENTIFICATION RESILIENCE PROJECTS FOR LAND AND COASTAL AREAS IN THE COMMUNE OF COCODY, ABIDJAN</b>
Technical assistance reference number	<b>RFP No. 3100004773</b>
Country/ countries	<b>CÔTE D'IVOIRE</b>
NDE focal point and organisation	<b>M. KUMASSI Phillipe Point focal CTCN</b>
Sector(s) addressed	<b>UNON Procurement Section</b>
Technologies supported	<b>GIS database, satellites pictures and cartography by GIS applications (Sentinelle 2, QGIS, etc)</b>
Implementation period and total duration	<b>12 months From December 2021 to December 2022</b>
Total budget for implementation	<b>143 375 USD</b>
Designer of the response plan	<b>The Consultant G8-CREOCEAN-KAO-ONFi-TERRABO</b>
Implementer of response plan	<b>Municipality of Cocody</b>

(A) Activities	(C) Indicators	(B) Expected Results	(D) Methods and frequency of data collection	(E) Comments
<b>Output 1: Planning and communication documents are developed</b>				
<b>Activity 1.1</b>	Establish planning, monitoring and closing documents for technical assistance	*1 Logical framework *Number of planning and communication documents developed	Planning and communication documents (deliverables, results, allocated budget, delivery dates and responsible persons/organizations ) are developed and shared with local authorities  1- A one-day workshop is organized at the town hall of Cocody after two technical working meeting  Verification source: -Amended detailed working plan, validated by local authorities -Monitoring and evaluation plan -Description of expected impacts -Closure report	Possible risks:  - Unavailability of the town hall  - Disagreement and consequent difficulties to validate the report and activities planned - Difficult communication between stakeholders -

	<b>Activity 1.2</b>	Organize visits on green spaces and coastline	Number of data by data categories Nombre de villages et de sites visités par catégories Pourcentage des villages considérés dans l'étude	Site identification is carried out in order to improve the database	Organization of 2 visits per sites : Verification sources: -Minutes of the visits -Photos -Geographical coordinates -Matrix of data types -Field sheets	Possible risks: - meteorological constraints - Inaccessibility to the sites - Unavailability of the town hall or the head of villages -Disagreement from inhabitants to intervene within their administrative limits
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**Output 2: Territorial and geo-spatial diagnosis through the uses of satellites technologies of Cocody municipality in Cote d'Ivoire is carried out**

	<b>Activity 2.1</b>	Involve all stakeholders through a kick-off workshop	Number of stakeholders / gender	Meetings' minutes	Organization of kick-off meeting : Verification source - Minute of the kick-off meeting - List of stakeholders	Possible risk : refusal of the authorities of the town hall or the participants, lack of participation or interest
	<b>Activity 2.2</b>	Establish a mapping of Cocody municipality based on the satellites technologies	Number of geographic and social aspects covered by the mapping exercise	Satellites and geophysics maps of high quality (digital format) map are produced	GIS data extraction with following software: sentinelle 2, QGIS. Online management support for maps and satellites images. Verification source: support for map	Possible risk/hypothesis: - Difficulty of access to data - The organization of a technical training session will facilitate the use of mapping data. Need to facilitate understanding and operation of the mapping platform. Capacity-building activities probably necessary
	<b>Activity 2.3</b>	Analyze maps in order to identify possible sites, issues, constraints, challenges and opportunities for access and re-planning / restoration of these sites.	Number of documents produced	Report of the territorial and geo-spatial diagnosis of the municipality of Cocody is elaborated	Use of cartographic data and literature review Crossing with interviews and observation sheets Verification source: territorial and geo-spatial diagnosis report	Possible risk: lack of information due to Covid or other diseases
	<b>Activity 2.4</b>	Establish small working groups	Number of people participating in the working groups	Stakeholders identified are relevant and diversified, and are gender-balanced. The working groups are set up and active	Organization of working meetings: - report describing the small working group - indicative list of working groups -actual list of participants and their inputs	Possible risk: lack of information due to Covid or other diseases. Lack of interest from identified stakeholders, and refusal to participate. Other risk: participants ask for a per diem to take part in the process.

**Output 3 : Sites in consultation with all stakeholders are identified**

	<b>Activity 3.1</b>	Conduct site vulnerabilities' study	Number of vulnerable sites Number of vulnerability studies carried out Estimation of the number of people impacted by those vulnerabilities/risks	The vulnerabilities study of the sites is carried out. Vulnerabilities are identified and ranked. Sites and potential interventions are prioritized according to the study	Use of data collected from field visits: Verification source: - Vulnerability study report	Possible risks: - Low institutional involvement -Difficulties to prioritize vulnerabilities and to quantify impacts -Absence of data on risks and disasters
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<b>Activity 3.2</b>	Analyze plans, standards, urbanization plans of the municipality of Cocody	Number of	Thematic analyses are developed	Exploitation of the maps and data collected  Verification source: - Analysis report on urban and rural planning policies and impacts on pilot sites	Possible risk: insufficient data
<b>Activity 3.3</b>	Organize a two-day participation workshop with the small working groups (defined in activity 2).	Number of participants (gender approach, vulnerable groups)  Number of cases presented and discussed Number of propositions for cocody greening	The prioritization workshop is carried out	Organization of the workshop as well as preparation meetings:  Verification Source - Workshop report - Prioritization tables	Possible risks/assumptions:  - The participation of representatives of vulnerable groups at the workshop seems relevant to adopt the conclusions of the analysis  - Weak participation -Lack of interest -Conflicts of interests over some lands -Difficulty or impossibility to agree on the selection of an area -Discussions about priorities and needs

**Output 4 : The portfolios of options for the greening of urban space and the restoration of mangroves of the coastal zone of Cocody are elaborate**

<b>Activity 4.1a</b>	Propose a portfolio of scenarii (options) of architectural greening and urban development of the municipality of Cocody	Number of urban greening projects (3)  Number of plant species study report Number of areas impacted by the proposed project	Portfolio of urban green projects (options) is established	Proposition of the list of projects according to the list of sites and diagnosis report  Verification source: portfolio of scenarios of urban greening projects	Possible risk: insufficient data
<b>Activity 4.1b</b>	Propose a portfolio of scenarios for the restoration of the mangrove of the municipality of Cocody	Number of mangrove project scenarios (3) Number of areas impacted by the proposed project	Portfolio of mangrove restoration projects (options) is established	Proposition of the list of projects according to the list of sites and the diagnosis report  Verification source: portfolio of scenarios of mangrove projects	Possible risk: insufficient data
<b>Activity 4.2</b>	Organize a 3-hour (digital) meeting to present greening options for urban spaces	Number of stakeholders (gender approach and vulnerable groups)	The pilot project of greening is selected during the meeting	Preparation and organization of the meeting of 3 hours of time.  Verification source: - Minutes of the meeting on greening	Possible risks:  - Low attendance at the meeting - Unavailability of participants
<b>Activity 4.3</b>	Compile a full report of the 2 selected pilot projects.	Number of global reports of the two meetings	the report is written with all the stipulations (uses, stakeholders, etc.) indicated in the response plan	Preparation and organization of the meeting of 3 hours of time.  Verification source: - Full report of the two meetings	Possible risk: low participation in the workshop

<b>Activity 4.4</b>	Describe the methodology applied to the project in order to promote replicability to other pilot cities.	Number of participants from the Municipality	The implementation plan for this initiative is developed and understood by local authorities	Carrying out analyses and benchmarking study  Verification source: - Implementation plan document, with inputs and validation from the town hall	Possible risk: Lack of understanding or interest from stakeholders Complexity of methodology
<b>Output 5 : Conceptual notes for the prioritized project of greening of urban spaces and another concept note for the pilot project selected for the mangrove restoration project of the municipality of Cocody are drafted</b>					
<b>Activity 5.1a</b>	Write a conceptual note (draft) on an urban greening project	Quality of infrastructure concept notes	Conceptual note on green infrastructure project is developed	Drafting of the concept note according to the model that will be made available to us: description, costs, design, ...  Verification Source: Infrastructure Concept Note	Possible risks:  - Difficulties in adaptation of management, governance and maintenance tools  - Difficulties in finding good practices in the sub-region at the risk of identifying good practices far removed from the local context -Difficulties to agree on pilot sites -Conflict on land-use -Importance of resilience versus aesthetic
<b>Activity 5.1b</b>	Write a conceptual note (draft) on the mangrove restoration project	Quality of mangrove conceptual notes	Draft conceptual note on mangrove restoration project is developed	Writing of the concept note according to the model available for us: description, costs, design, ...  Verification source: mangrove concept note	Possible risks:  - Difficulties in adaptation of management, governance and maintenance tools  - Difficulties in finding good practices in the sub-region at the risk of identifying good practices far removed from the local context -Difficulty to measure and anticipate the current work on the laguna and their impacts on water quality and sedimentation (how to ensure sustainability of the plantation)
<b>Activity 5.2</b>	Approve conceptual notes by key representatives.	Number of observations received	Conceptual notes are approved by all stakeholders	Transmission of electronic versions of concept notes	Possible risk: refusal of the stakeholders
<b>Activity 5.3</b>	Produce one (1) conceptual note for each pilot project (final versions) per theme	Quality of final conceptual notes	The final versions of the concept notes are developed	Transmission of final electronic versions of the concept notes	Possible risk: New projects in parallel are agreed and have a conflicting impact on the implementation of the pilot project

	<b>Activity 5.4</b>	Develop a plan for the valorization, management and expansion of pilot projects including the capacity building needs of stakeholders	Number of stakeholder capacity building needs Number of project enhancement, management and expansion plans	Plan for the valorization, management and expansion of pilot projects is developed	Drafting of the valorization plan by integrating participatory tools including workshops and training for capacity building	Possible hypothesis: a program of capacity-building will facilitate ownership of the plan for the valorization, management and expansion of the pilot projects
<b>Output 6: The strategic communication plan is developed</b>						
	<b>Activity 6.1a</b>	Produce an infographic manual to raise awareness among the youngest on the impact of green spaces and urban green infrastructures	Number of infographic notes to raise awareness among young people about the impact of green spaces and green urban infrastructure Number of channels used to diffuse the information Number of people impacted	Infographic notes on the green infrastructure Project are developed	Drafting of the manual according to the targets, transmission and validation of the document to the CTCN and the Town Hall by electronic procedure	Possible hypothesis: infographic inputs can be made according to age groups or educational level
	<b>Activity 6.1b</b>	Produce an infographic manual to raise awareness among the youngest on the role of mangroves in the ecosystem	Number of infographic notes to raise awareness among the youngest on the impact of mangroves in the ecosystem Number of channels used to diffuse the information Number of people impacted	Infographic notes on the mangroves project are developed	Drafting of the manual according to the targets, transmission and validation of the document to the CTCN and the Town Hall by electronic procedure	Possible hypothesis: infographic inputs can be made according to age groups or educational level
	<b>Activity 6.2</b>	Develop a communication and awareness-raising strategy and tools aimed at the local population, with a gender perspective, and vulnerable populations in order to boost the promotion of urban green infrastructure and the protection of mangroves	Number of communication tools and supports developed Number of people impacted	Communication and awareness-raising tools/supports are developed	Elaboration and validation of the communication plan by a session of presentation and amendments  A workshop will be organized by the town hall with the assistance of the consultant for the dissemination of communication tools in schools	Possible risk: low participation and mobilization difficulties

<b>Impact Statement</b>	
Challenge	Cocody is a commune under great pressure due to rapid urbanization and is at the same time known to have the highest number of people affected by floods. In this context, local authorities have to fight against the climatic risks impacts on natural spaces, including mangroves. The challenge for the commune is to enhance its resilience through the restauration of green space in (i) urban areas and (ii) laguna areas and the use of nature-based solutions in public spaces to position Cocody as a reference in terms of sustainability and resilience.
CTCN assistance	<ul style="list-style-type: none"> <li>- Support to the Municipality of Cocody for the technical coordination of the mission by monitoring the activities and validating the documents prepared ;</li> <li>- Provide Templates and guides to the Consultant for the implementation of the mission in accordance with UN procedures;</li> <li>- Facilitate the Consultant's mission with the stakeholders in order to achieve the expected results;</li> <li>- Assist the Municipality in identifying relevant projects for urban and climate resilience.</li> </ul>
Anticipated impacts	<p>Short term:</p> <ul style="list-style-type: none"> <li>- Diagnosis of green spaces of Cocody: better knowledge of the commune's assets and vulnerabilities</li> <li>- Rehabilitation of green spaces in selected strategic sites</li> <li>- Raising awareness of local populations and actors on climate and environmental issues but also opportunities.</li> </ul> <p>Long term:</p> <p>Improvement of urban public spaces and reduction of CO<sub>2</sub>;</p> <ul style="list-style-type: none"> <li>- Reduction of coastal erosion and limitation of flooding risks;</li> <li>- Development of economic activities linked to the green infrastructures and restauration of mangroves, including the fishery sector;</li> <li>- Improvement of the population's livelihood</li> <li>-</li> </ul>
Anticipated co-benefits from the TA	<p>The benefits of TA are numerous:</p> <ul style="list-style-type: none"> <li>- Identification of resilient project for the municipality</li> <li>- Establishment of conceptual notes of pilot sites</li> <li>- Drafting of communication plan and strategies</li> <li>- Organization of workshop of analyses and presentations</li> <li>- Proposition of a methodology for replicating this project in other Ivoirian cities and communes</li> </ul>
Gender aspects of the TA	<p>Gender is at the heart of our planning and development projects. In this assignment, we have a gender expert in addition to other experts involved in gender issues. The benefits related to gender are:</p> <ul style="list-style-type: none"> <li>- Increased mangrove resources for women's uses;</li> <li>- Safety in public spaces for women;</li> <li>- Rethinking of spaces taking into account women's specific uses;</li> <li>- Participation of women in the decision-making process related to the design of projects.</li> </ul>
Anticipated contribution to NDC	<ul style="list-style-type: none"> <li>- Participate in meetings and workshops for the coordination and validation of documents produced.</li> </ul>
The narrative story	The mission of the CTCN is to promote accelerated development and transfer of climate technologies at the request of developing countries for energy-efficient, low-carbon and climate-resilient development. These requests for Technical Assistance (TA) are being submitted to the CTCN by the National Designated Entity (NDE) of the respective country. Eligible requests are processed by a group of selected experts

	<p>who develop a Response Plan.</p> <p>The Municipal Council of the Commune of Cocody decided in 2017 to initiate and implement a vast project: "The identification of projects for greening and increase the resilience of the land and coastal areas of the Commune of Cocody, Abidjan". The project aims to make the Commune of Cocody, a leading and model city, a green, flowery and clean city, a permanent carbon sink with clean energy. This technical assistance aims to identify two bankable projects for the greening of urban spaces and the planting of mangroves in the coastal zone of the Commune of Cocody in order to improve urban resilience and support carbon sequestration in connection with previously mentioned initiative called "The identification of projects for greening and increase the resilience of the land and coastal areas of the Commune of Cocody, Abidjan".</p>
<p>Contribution to SDGs</p>	<p><b>SDG 5:</b> <i>Achieve gender equality and empower all women and girls: This project aims improve green infrastructures and mangrove in consideration of women issues and needs : usages and security.</i></p> <p><b>SDG 10:</b> <i>Reduce inequality within and among countries: the TA has responsibility to empower and promote the social, economic and political inclusion of all people following their age and sex.</i></p> <p><b>SDG 11:</b> <i>Make cities inclusive, safe, resilient and sustainable: this mission must provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities</i></p> <p><b>SDG 13:</b> <i>Take urgent action to combat climate change and its impacts: about climate, the experts team have to:</i></p> <ul style="list-style-type: none"> <li>- <i>Improve education, awareness raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning;</i></li> <li>- <i>Strengthen resilience and adaptive capacity to climate related hazards and natural disasters in all countries;</i></li> <li>- <i>Improve education, awareness raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning.</i></li> </ul> <p><b>SDG 14:</b> <i>Conserve and sustainably use the oceans, seas and marine resources for sustainable development: the TA aims to provide tools and methods which can help to sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans;</i></p> <p><b>SDG 17:</b> <i>Strengthen the means of implementation and revitalize the global partnership for sustainable development: according to the needs of the Municipality of Cocody, this project encourages international partnership for the founding of the projects identified by the consultant.</i></p>