

*Please fill in the form in the grey spaces, by following the instructions in italic.*

<b>Requesting country:</b>	<i>Cote d'Ivoire</i>
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<b>Request title:</b>	<i>Creation of an Environmental Information System (EIS) capable of guiding the choice of an effective sustainable development policy and helping to implement optimal control of climate change issues.</i>
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**Contact information:**

*{Please fill in the table below with the requested information. The request proponent is the organization that the request originates from, if different from the National Designated Entity (NDE).}*

	<b>National Designated Entity</b>	<b>Request Applicant</b>
Contact person:	<i>KOUADIO Kumassi Philippe</i>	
Position:	<i>Ivory Coast NDE</i>	
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**Technology Needs Assessment (TNA):**

*{Select one of the three boxes below:}*

- The requesting country has conducted a TNA in 2013 (please insert date of TNA completion)*  
 *The requesting country is currently conducting a TNA*  
 *The requesting country has never conducted a TNA*

*{If the requesting country has completed a TNA, please indicate what climate technology priority this request directly relates to. Please indicate reference in TNA/TAP/Project Ideas.}*

**CTCN Request Incubator Programme:**

*{Please indicate if this request was developed with support from the Request Incubator Programme:}*

- Yes*  
 *No*

**Geographical focus:**

*{Select below the most relevant geographical level for this request:}*

- Community-based*  
 *Sub-national*

*National*

*Multi-country*

*{If the request is related to the sub-national or multi-country level, please indicate here the areas concerned (provinces, states, countries, regions, etc.)}*

**Theme:**

*{Select below the most relevant theme(s) for this request:}*

*Adaptation to climate change*

*Mitigation to climate change*

*Combination of adaptation and mitigation to climate change*

**Sectors:**

*{Please indicate here the main sectors related to the request. early warning/disaster reduction}*

**Problem statement (up to one page):**

*{Please describe here the difficulties and specific gaps of the country in relation to climate change, for which the country is seeking support from the CTCN. Please only provide information directly relevant to this request, and that justifies the need for CTCN technical assistance.}*

Climate change in Ivory Coast is increasingly perceptible at all levels and in all fields of activity. Furthermore, there are various forms of anthropic pressure and increasingly frequent risks of natural disasters.

In the quest for solutions based on efficient measures against the harmful effects of climate change and for the prevention of natural disasters, the strategies of the various mechanisms defined in the Convention and the Kyoto protocol (REDD+, Nationally Appropriate Mitigation Actions [NAMAs], Clean Development Mechanism [CDM], CTCN, etc.), and the national development strategies (National Development Plan [NDP], PRSP [Poverty Reduction Strategy Paper], environmental policy, national sustainable development strategy, etc.) are always faced with dispersed or unavailable data on climate change and zones at risk.

Consequently, when natural disasters occur, the adaptive measures are inappropriate and are taken too late. This results in significant material, financial and human losses.

Furthermore, the need for information on climate change has become more pressing in a number of sectors (agriculture, industry, etc.), in a world that is experiencing perpetual changes in climate and that must encourage the implementation of concepts such as sustainable development, energy efficiency, climate technology transfers, good eco-citizenship, etc.

Ivory Coast has set up a Disaster Risk Reduction (DRR) platform that aims to prevent and/or cope with the potential threats due to climate variations. In order to function, this platform requires the data to be available through an environment management system that implements ecological data and functions in response to climate change.

In view of the importance of this issue, Ivory Coast is resolutely committed to setting up an Environmental Information System (EIS) through a Public Investment Programme (PIP) as part of the NDP.

Achieving this vision of strategic development demands technical assistance from international experts with proven experience in the creation of dynamic cartographic tools that can be used to view information on climate change in the territory.

**Past and ongoing efforts** (up to half a page):

*{Please describe here past and on-going processes, projects and initiatives implemented in the country to tackle the difficulties and gaps explained above. Explain why CTCN technical assistance is needed to complement these efforts, and how the assistance can link or build on this previous work.}*

Ivory Coast has a state structure called the National Statistics Institute (NSI). This institute works with the technical ministries, including the Ministry of the Environment, which must supply directories of statistics. In particular, this directory mentions climate variations and the adaptive measures to be taken in the event of natural disasters. By way of example, a work group chaired by the Ministry of the Interior, of which the Ministry of the Environment is the secretary, and that includes all the technical ministries and entities, has been set up to deploy an ORSEC plan (an emergency disaster plan in which emergency services are organised at the departmental level in the event of a disaster, in order to quickly and efficiently deploy all necessary resources under the prefect's authority) in the event of a natural disaster, such as flooding, landslides, coastal erosion, etc.

**Assistance requested** (up to one page):

*{Please describe here the scope and nature of the technical assistance requested from the CTCN and how this could help address the problem stated above and add value vis-à-vis the past and on-going efforts. Please note that the CTCN facilitates technical assistance and is not a project financing mechanism.}*

The general objective of the technical assistance requested from the CTCN is to place one or more international experts at the disposal of the EIS project coordination team, so that they can assist and guide the actions taken to implement the project. Moreover, these experts will be able to voice their opinions and make technical proposals on the tools to be designed by the national partners.

More specifically, the requested technical assistance will:

- help to develop an effective strategy to collect environmental data;
- help to strengthen the systems used to acquire data and in the choice of measuring equipment suited to each type of data;
- support the national experts in the development of applications and in the choice of suitable software;
- take part in the various stages of the validation of the tools of the EIS (reports, DBMS, GIS, framework partnership agreements, EIS charter, etc.);
- strengthen the technical capacities of the project coordination team.

In general terms, the requested technical assistance will help to avoid certain mistakes and to develop an EIS that is flexible, robust, optimised and dynamic and that meets the needs of all the users.

**Expected benefits** (up to half a page):

*{Please outline here the medium and long-term impacts that will result from the CTCN technical assistance, including how the assistance will contribute to mitigate and/or adapt to climate change.}*

This project will provide the state with a clearer vision of the state of the environment in Ivory Coast, so that it can take preventive and corrective measures. In practical terms, the technological options identified in projects such as the TNA, the CDM and National Communications, will be better directed towards meeting the need to adapt to and mitigate the harmful effects of climate change.

The expected benefits of this project will allow Ivory Coast to:

- have a collaborative platform that provides dynamic data on climate change in order to take sectoral adaptive actions;
- efficiently operate the existing platform for the reduction of the risk of natural disasters by supplying

up-to-date information on climate change;

- set up an environmental look-out using suitable technologies;
- provide environmental data to developing sectors (agriculture, industry, etc.) in order to better plan their activities.

**Post-technical assistance plans** (*up to half a page*):

*{Please describe here how the results of the CTCN technical assistance will be concretely used by the applicant and national stakeholders, to pursue their efforts of resolving the problems stated above after the completion of the CTCN intervention (list specific follow-up actions that will be undertaken).}*

**Key stakeholders:**

*{Please list in the table below the main stakeholders who will be involved in the implementation of the requested CTCN technical assistance, and what their role will be in supporting the assistance (for example, government agencies and ministries, academic institutions and universities, private sector, community organizations, civil society, etc.). Please indicate what organization(s) will be the main/lead counterpart(s) of CTCN experts at national level, in addition to the NDE.}*

<b>Stakeholder</b>	<b>Role to support the implementation of the assistance</b>
Ministry of the Environment, Urban Sanitation and Sustainable Development	Monitors the execution of all the activities scheduled for the technical assistance
Project coordination team	Coordinates the project and technically supports the CTCN expert
National EIS Committee	Facilitates the activities of the CTCN expert by removing any barriers
National and international consultants recruited as part of the project	Submits their work and concerns to the CTCN expert for technical support
National partners <ul style="list-style-type: none"> <li>- Société d'Exploitation et de Développement Aéroportuaire, Aéronautique et Météorologique (SODEXAM)</li> <li>- Oceanological Research Centre (CRO)</li> <li>- National Agronomic Research Centre (CNRA)</li> <li>- etc.</li> </ul>	Remains at the disposal of the CTCN expert.

**Alignment with national priorities** (*up to half a page*):

*{Please demonstrate here that the technical assistance requested is consistent with documented national priorities (examples of relevant national priorities include: national development plans, poverty reduction plans, technology needs assessments (TNAs), LEDS, NAMAs, TAPs, NAPs, sectorial strategies and plans, etc.). For each document mentioned, please indicate where the priorities specifically relevant to this request can be found (chapter, page number, etc.).}*

Ivory Coast is resolutely committed to achieving the Millennium Development Goals (MDGs), and in particular goal 7: ensure environmental sustainability. In order to achieve this goal, it is essential to have environmental data that is capable of guiding all sustainable development policies.

This is why the Ivory Coast's Ministry of State and Ministry of Planning and Development have made this a priority project. This Ministry is tasked with producing strategic documents on national priorities, in collaboration with other state entities.

Furthermore, this EIS will be a powerful tool for making decisions and adopting strategic directions in order to better define the priority actions to be taken as part of the plans to adapt to the harmful effects of climate change. By way of example, the Technology Needs Assessment (TNA) mentions a technological option that aims to update the farming calendars used in agriculture.

It is also referred to in the list of actions in Ivory Coast's NDP (NDP, Volume IV: list of actions, page 176).

**Development of the request** (*up to half a page*):

*{Please explain here how the request was developed at the national level and the process used by the NDE to approve the request before submitting it (who initiated the process, who were the stakeholders involved and what were their roles, and describe any consultations or other meetings that took place to develop and select this request, etc.)}*

The deployment of an EIS is an innovative step in Ivory Coast. It is one of the few projects that benefit from 100% funding by the state through the PIP that is implemented each year. In order to be approved and funded, projects applying for PIP support must go through several selection processes before their funding is confirmed. The EIS project in this request was initially prioritised internally by the Ministry of the Environment, Urban Sanitation and Sustainable Development. It was then examined and prioritised by the Ministry of State and the Ministry of Planning and Development, before finally being analysed and selected by the Prime Minister's delegate Ministry of the Economy and Finance. Consequently, this project benefits from state funding and will be implemented over a period of three (3) years.

In view of the available funding for this project, its innovative character and its crucial importance, the decision was taken, further to internal discussions at the Ministry of the Environment, Urban Sanitation and Sustainable Development, to send a request to the CTCN for international technical support in order to successfully set up EIS in Ivory Coast.

Moreover, following the workshop in Ivory Coast to strengthen the capacities of the NDEs in French-speaking Africa, the project coordinator, in collaboration with the Ivory Coast National Designated Entity (NDE), organised a workshop for all the national experts in order to examine every component of the request and to verify its eligibility.

**Expected timeframe:**

*{Please propose here a duration period for the assistance requested.}*

Three discontinuous months for each stage of the project.

**Background documents:**

*{Please list here relevant documents that will help the CTCN understand the context of the request and national priorities. For each document, provide weblinks if available, to attach to the submission form while submitting the request. Please note that all documents listed/provided should be mentioned in this request in the relevant question(s), and that their linkages with the request should be clearly indicated.}*

**Monitoring and impact of the assistance:**

*{Read carefully and tick the boxes below.}*

By signing this request, I affirm that processes are in place in the country to monitor and evaluate the assistance provided by the CTCN. I understand that these processes will be explicitly identified in the Response Plan in collaboration with the CTC, and that they will be used in the country to monitor the implementation of the CTCN assistance.

I understand that, after the completion of the requested assistance, I shall support CTCN efforts to measure the success and effects of the support provided, including its short, medium and long-term impacts in the country.

**Signature:**

NDE name: KOUADIO Kumassi Philippe

Date: 29 August 2014

Signature:

**THE COMPLETED FORM SHALL BE SENT TO THE [CTCN@UNEP.ORG](mailto:CTCN@UNEP.ORG)**

*Need help? The CTCN team is available to answer questions and guide you through the process of submitting a request. The CTCN team welcomes suggestions to improve this form.*

*>>> Contact the CTCN team at [ctcn@unep.org](mailto:ctcn@unep.org)*