

## **NAP GLOBAL NETWORK - COUNTRY SUPPORT HUB TERMS OF REFERENCE**

### **Short-term Consultancy: Unmanned Aerial Systems (UAS) training for monitoring for climate adaptation in Haiti**

**May-July 2022**

The National Adaptation Plan (NAP) Global Network is a multi-funder initiative that was created in 2014 to support developing countries in advancing their NAP processes, and help accelerate adaptation efforts around the world. The Network's members include individual participants from more than 150 countries involved in developing and implementing National Adaptation Plans. Financial support for the Network has been provided by Austria, Canada, Germany, Ireland, the United Kingdom, and the United States. The Secretariat is hosted by the International Institute for Sustainable Development (IISD).

The NAP Global Network's Country Support Hub provides expert advice and short-term technical support on specific issues related to the development or implementation of National Adaptation Plans.

#### **Background**

As a Caribbean small island developing state (SIDS), the Republic of Haiti is classified as one of the most vulnerable countries to climate change. Its level of vulnerability is bound to increase with the amplification of the global warming phenomenon, which will compromise its sustainable socio-economic development process as well as its efforts to eradicate hunger and reduce inequalities. Faced with such a situation, adaptation becomes an unavoidable strategy and a priority for the country, which has already made enormous efforts to implement appropriate climate adaptation initiatives.

Indeed, a certain number of activities have already been carried out, in particular the realization of sectoral vulnerability studies, a development and capacity building plan in terms of adaptation, consultation of key actors in the various departments of the countries and a draft of several chapters of the National Adaptation Plan (NAP) document. The Haitian government intends to complete the development of the country's first NAP in 2022.

#### **Rational**

This consultancy will support the Haitian government to use a collect geo-spatial data as part of the regional consultations of the National Adaptation Plan (NAP) for its implementation. The collected data (images, geographic) will be used to inform adaptation decision making.

#### **Assignment:**

The consultant will undertake the following activities:

1. Provide support with identifying and purchasing one Unmanned Aerial Systems (UAS) that would be used for environmental monitoring in Haiti (i.e. protected areas, plants and forest cover etc.)

2. Deliver practical training for 3-5 persons in the use of Unmanned Aerial Systems (UAS) and aerial spatial mapping techniques and data processing and analysis. The training will comprise **five (5)** days training sessions, format (mixed/virtual/in-person) to be determined.

The detailed deliverables for the training workshop are as follows:

#	Deliverables	Output
1	Deliver a five (5) day UAS training workshop on the flying and the safe operation (i.e. drone licensing and regulations, UAS components, safety and emergency policy, site evaluation, weather conditions, flight checklists, standard operating procedures, data management); including mapping techniques – flight checks, planning, aerial surveys and post-processing	Completed Feedback Evaluation Forms
2	Undertake UAS aerial surveys at a selected demonstration site and assist with post-processing and the development of mapping products	Certificates of Competency for participants who successfully complete the training.
3	Provide a UAS Users Manual to guide drone operation including UAS maintenance, operating procedures, checklists and logs and data management, and other relevant information.	UAS Users Manual
4	Produce training workshop report including results of surveys conducted and photographs captured during the training.	Training workshop report

For all deliverables, the estimated time requirement is 15 days over an estimated period of three months.

### Reporting

For contractual matters, the consultant will report to IISD.

For technical matters, the consultant will work closely with the Haitian Ministry of Environment and IISD.

### Application Process

- To apply for this consultancy, please submit a cover letter, CV (maximum 4 pages), your fees in EUR and a proof of your fees (e.g. copy of a contract that states fees for similar work) to: [info@napglobalnetwork.org](mailto:info@napglobalnetwork.org).
- In your application, please clearly demonstrate how you meet the criteria outlined above.

**Application deadline:** May 20, 2022

**Start date:** May 31, 2022