

30 May 2025



Two national consultants to conduct baseline carbon emission assessment in selected healthcare facilities



**Background**

To achieve a strong commitment of the government of Viet Nam stated by Prime Minister in COP 26 in reaching net zero carbon emission in Viet Nam by 2050, health sector in Viet Nam planned to take action in reducing carbon emissions from health system. Viet Nam was chosen as a country for piloting a methodology and tool for carbon emission assessment in health system in 2024. WHO Viet Nam and the former VIHEMA put significant efforts in conducting this pilot. Unfortunately, since the methodology and tool had not been fully developed by WHO at the global level yet, the pilot was postponed. However, a lesson drawn from the piloting exercise is that a baseline assessment of carbon emission from healthcare facilities is very crucial to help the healthcare facilities monitor progress of carbon emission reduction later.

The first pilot was conducted at Yen Thanh District Hospital, Nghe An province, as one of the three models selected to be Carbon-Resilient and Environmentally Sustainable Health Care Facilities (CRESHCFs) with promising results in which the HCWH methodology and tool seemed to be appropriate to use for HCFs and all 3 scopes of emission could be assessed. The other two models are located in Bac Ha District Hospital, Lao Cai province; and Cu Lao Minh District Hospital, Ben Tre province.

The WHO Headquarters and Western Pacific Regional Office (WPRO) are supporting WHO Viet Nam and the Viet Nam Administration of Disease Prevention (VADP, formerly VIHEMA) in assessing baseline carbon emissions in three climate-resilient HCF models. This follows progress in developing these models and the increasing demand for emission data before nationwide scale-up.

As a result, WHO Viet Nam is recruiting a team of two national consultants to conduct assessments of the three HCF models, document lessons learnt for future scale-up and train staff on those sites for sustained capacities to monitor carbon emission reduction in the future.

**Objectives of the consultancy activity**

To conduct baseline carbon emission assessment in selected healthcare facilities.

**Timelines:** Part-time

Start date: 15 June 2025 (subject to confirmation)

End date: 1 September 2025

Number of working days as a consultant: 20 non-consecutive days/consultant

**Requirements/specification**

1. Qualifications required:

Master Degree in environmental health, public health, chemical engineering, environmental science, energy engineering or other relevant areas from a recognized university.

1. Experience required:

* At least 5 years of experience in environmental health, public health, environmental engineering and management, energy engineering or relevant fields.
* Experience in carbon emission inventory in relevant sectors, in projects related to carbon foot print, climate change mitigation and adaptation.
* Familiarity with any methodology and tool used in assessment of carbon emission is an advantage.

1. Skills/ Technical skills and knowledge:

* Knowledge on climate change, carbon emission, calculation of carbon emission, knowledge on healthcare facilities in Viet Nam;
* Skills in development or applying methodology, collecting data, validation of data and analysis as well as mathematic calculation and statistics in environment and health sectors;
* Project management, planning skills and communication skills; and
* Teamwork spirit and coordinating skills

1. Language requirements:

Excellent in writing and speaking English. Fluency in Vietnamese as a mother tongue.

**Place of assignment**

The Consultants are required to work mainly at their own places in Hanoi and travel to the 3 HCF models.

**Medical clearance**

The selected Consultants will be expected to provide a medical certificate of fitness for work.

**Travel**

The Consultants are expected to travel to the 3 HCF models, Bac Ha District Hospital, Lao Cai province; Cu Lao Minh Regional Hospital, Ben Tre province and Yen Thanh District Hospital, Nghe An province, and Hai Phong University of Medicine and Pharmacy in Hai Phong city.



Call for Expressions of Interest



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