

## Terms of Reference: Developing a methodological framework to address barriers and enablers for Building with Nature in Asia

### 1. Background

In 2021, Wetlands International was awarded the funding by International Climate Initiative to stimulate the adoption of Building with Nature as a socially and environmentally inclusive engineering approach that transforms the engineering sector and accelerates climate change adaptation across Asia. Among others, the project aims to develop propositions for 5 climate resilient landscapes and for the set-up of a Building with Nature Asia platform<sup>1</sup> dedicated to mobilising public and private actors for further upscaling. EcoShape is a partner in this project and is responsible for, among others, supporting the development of landscape propositions and leading the development of a framework to address the barriers/enablers to uptake of Building with Nature. To date, via various projects, landscape propositions that reflect Building with Nature principles have been developed by partner organizations in 6 countries (Indonesia, Malaysia, the Philippines, India, China, Vietnam). Local teams have been actively working with stakeholders to build up the network and capacity on nature-based solutions and identify possibilities for Building with Nature projects to be implemented.

Established in 2008, EcoShape (<https://www.ecoshape.org/en/>) is a public-private partnership among contractors, consultancy companies, knowledge institutes, NGOs and government agencies. Between 2008 and 2020, EcoShape has successfully conducted 14 physical pilot projects<sup>2</sup>. In Indonesia, a pilot project on rehabilitation of mangrove-mud coast with “*Building with Nature*” principles was implemented at Demak District<sup>3</sup>. The project aimed to improve resilience to flood risk and adaptation to sea level rise for the area and at the same time, contribute to sustainable livelihood for the inhabitants. Building up on this achievement, in the next phase, EcoShape has chosen Building with Nature Asia as one of its focus tables, aiming to mainstream Building with Nature as a socially and environmentally inclusive engineering practice across the Asian continent.

### 2. Objectives of the assignment and Scopes of works

As part of the scopes of the project, we are looking for a consultant to **develop a methodological framework to address barriers and promote enablers** to accelerate the uptake of Building with Nature perspectives in **water infrastructure development** in Asia.

This methodological framework should help *guide the decision-making process to identify and prioritize strategies and actions* to address the barriers and promote the enablers (refer to the 6 categories of enablers<sup>4</sup>). The framework will provide a tool for the Building with Nature Asia team to determine possible roadmaps that help accelerate the uptake of Building with Nature in each individual country.

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<sup>1</sup> Accelerating Adaptation through Building with Nature in Asia <https://www.wetlands.org/casestudy/building-with-nature-in-asia/>

<sup>2</sup> EcoShape. Archive of pilot projects <https://www.ecoshape.org/en/pilots>

<sup>3</sup> Project “Rehabilitation of a mangrove-mud coast in Timbul Sloko” <https://www.ecoshape.org/en/cases/rehabilitation-of-a-mangrove-mud-coast-in-timbul-sloko-java-indonesia/>

<sup>4</sup> EcoShape. Enablers to create, implement and scale up Building with Nature <https://www.ecoshape.org/en/enablers/>

The following deliverables are expected:

- a. An inventory of the identified barriers and enablers based on the input from the country teams and as noted from other Building with Nature cases.
- b. A framework to identify, assess and prioritize the barriers and enablers for acceleration of Building with Nature, taking into account the specific context of Asian countries (in particular, Southeast Asia, South Asia, East Asia). The framework should also describe a step-wise method to identify and prioritize the strategies and actions that can be taken by the country team in short-, medium-, and long term to address the barriers and promote the enablers. The final report should also demonstrate how the developed framework can be applied in cases of Building with Nature projects that have been realized (including the pilot project in Indonesia).
- c. A database with relevant publications and references on methods and case studies that demonstrate how the barriers can be addressed and how the enablers can be created or built upon.

The following scopes of works are expected for this assignment:

- a. Literature reviews on cases of projects of demonstration, upscaling and mainstreaming nature-based solutions
- b. Review of input from country teams on the barriers and enablers for Building with Nature
- c. Development of a methodological framework for addressing the barriers and enablers for accelerating Building with Nature in the context of Asian countries
- d. Progress meetings on the progress with Building with Nature Asia team (from EcoShape and Wetlands International)

The project team will facilitate the consultant in setting up (online) consultations with country teams.

Ideas or suggestions from the consultant on the scopes are also welcome.

### **3. Budget and planning**

The maximum budget of the assignment is set at €25.000 (including VAT).

The assignment should be completed by 31 May 2022.

### **4. Selection criteria of the consultant**

The selected consultant should have the following qualifications:

- At least Master degree on environmental management, governance, innovation management, public administration or other relevant disciplines.
- Proven track record with the process of creating, implementing and upscaling nature-based solutions. Experience with Building with Nature projects is preferred.
- Preferably the consultant has working experience in projects in relevant countries in Asia, and/or experience with stakeholders engagement for master planning or infrastructure projects in Southeast Asia/ South Asia/ East Asia.
- Experience with developing methodological frameworks

### **5. Format & Timeline of Proposal Submission**

The consultant is requested to submit a proposal in writing. The proposal should not be longer than 2 A4-pages (excluding appendices). In summary, the proposal needs to minimally include the followings:

- Work plan to achieve the scope of works (with suggestions of the format of the deliverables). The consultant is encouraged to present his/her own rationale and propose his/her own strategy/approach to optimally achieve the objective in a timely manner, adding additional elements as necessary.
- Track record with the process of creating, implementing and upscaling nature-based solutions and experience in Asia
- Budget breakdown
- Detailed planning

The proposal must be submitted by **Sunday 06 March 2022**.

#### **6. Contact details**

For submission of proposal, questions or clarification, please contact Fokko van der Goot  
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