

# REQUEST FOR PROPOSALS

## VALIDATION/VERIFICATION BODY ASSESSMENT OF PROPOSED METHODOLOGY:

### CARBON CAPTURE AND STORAGE FRAMEWORK

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**\*November 19 2021 Update\* - changes in red**

## 1 INTRODUCTION

Verra is a global leader helping to tackle the world’s most intractable environmental and social challenges. As a mission-driven non-profit organization, Verra is committed to reducing greenhouse gas emissions, improving livelihoods, and protecting natural resources by working with the private and public sectors. We support climate action and sustainable development with standards, tools and programs that credibly, transparently and robustly assess environmental and social impacts and enable funding for sustaining and scaling up projects that verifiably deliver these benefits.

The [Verified Carbon Standard \(VCS\) Program](#) is our flagship program. It allows vetted projects to turn their greenhouse gas (GHG) emission reductions and removals into tradable carbon credits called Verified Carbon Units (VCUs). Since its launch in 2006, the VCS Program has grown into the world’s largest voluntary GHG program with over 1600 registered projects in 82 countries that have cumulatively generated almost 400 million VCUs.

An integral component of the VCS Program is the [Methodology Approval Process, v4.0](#), which allows stakeholders to develop new methodologies that set out procedures to monitor and quantify the emission reductions and removals of new project activities, thus expanding the eligibility of project activities under the VCS Program. Such new methodologies are submitted to Verra for review before undergoing a technical assessment by an approved, accredited Validation/Verification Body (VVB).

Verra seeks a VVB to conduct the technical assessment of a newly submitted methodology as part of the Methodology Approval Process.

## 2 SCOPE OF WORK

Verra is accepting proposals for a technical assessment of the *Methodology for Carbon Capture and Storage* developed by the [CCS+ Initiative](#) under the VCS Methodology Approval Process.

The methodology applies to Carbon Capture and Storage (CCS) projects, Carbon Capture Utilization and Storage (CCUS) and Carbon Capture and Utilization (CCU) projects. All project types capture CO<sub>2</sub> from a variety of industrial processes or directly from the atmosphere (Direct Air Capture, DAC) and store it in geologic reservoirs or in materials or products. The methodology differentiates emission reductions from removals. The proposed methodology demonstrates the accounting procedure for storage and discounts project emissions associated with the capture, transport and storage activities.

Requirements and risk management associated with reversals is not included in the methodology, but is drafted in a separate document titled the *Non-Permanence Risk Tool for Geologic Sequestration*, which does not make part of this assessment

The methodology is being created as a framework with a variety of modules. The table below lists the modules that need to be assessed by the VVB.

Work Package	Module	Target Validation Start Date
1	Module 1.2: Methodology framework	2/2022
	Module 2.2: Capture from combustion (i.e. post-combustion)	
	Module 3.1: Transport via pipeline	
	Module 4.1: Storage in aquifers	
2	Module 2.1: Capture from air (i.e. DAC)	4/2022
	Module 2.3: Capture from CO <sub>2</sub> -rich gases	
	Module 2.4: Capture from oil and gas production	
	Module 2.5: Capture from biogenic sources	
	Module 3.2: Transport via ships/barges	
	Module 4.2: Storage in depleted oil and gas fields	
3	Module 4.5: CO <sub>2</sub> storage by dispersed mineralisation/enhanced weathering	6/2022
	Module 4.6: CO <sub>2</sub> storage in long lifetime products, e.g. building elements	
4	Module 3.3: Transport via road/trucks	9/2022
	Module 4.3: Storage in basaltic rock formations by mineralisation	
	Module 4.4: Storage in oil reservoirs (EOR)	
5	Module 3.4: Transport via rail	12/2022
	Module 4.7: CO <sub>2</sub> utilisation	

The work packages' target start date are indicative and may change according to evolving development timelines and VVB capacity. Work packages are not meant to be sequential, meaning Work Package 1 does not have to be complete before Work Package 2 starts.

The requirements of the assessment are set out in Section 4.5 of the [Methodology Approval Process, v4.0](#).

### 3 QUALIFICATIONS

Verra is seeking a VVB that is in conformance with the requirements set out in Section 5 of the [Methodology Approval Process, v4.0](#).

Verra recognizes there may be few VVBs accredited with the qualifications required under the Methodology Approval Process and would like interested VVBs with accreditation in other sectoral scopes (particularly energy) to respond despite not meeting the above-mentioned qualification.

## 4 MILESTONES, DELIVERABLES AND TIMELINE

The VVB must produce an assessment report in accordance with the requirements as set out in Section 4.5.4 of the [Methodology Approval Process, v4.0](#). The duration and timeline of the assessment must be outlined by the respondent within the proposal.

## 5 RESPONSES TO RFP

Interested respondents should feel free to submit clarifying questions on any of the above information.

Respondents are requested to submit the following as part of their proposals:

- Cost proposal for each of the work packages (1 - 5) listed in Section 2 of this document
- Estimated timeline for each of the assessments for each work package listed in Section 2 of this document
- 2-3 page narrative detailing how the VVB will execute the scope of the work as set out in the *Methodology Approval Process* and describing the VVB's qualifications.
- Short Curriculum Vitae and description of each proposed team member's experience in relation to this assessment (both validations and in general CCS relevant experience).
- Disclosure statement of services provided to the methodology developer, the CCS+ Initiative (including each of it's participants).

All proposals and documents submitted to Verra will be shared only with the methodology developer, and otherwise will be kept confidential.

All documents must be submitted to Ian Kuwahara at [ikuwahara@verra.org](mailto:ikuwahara@verra.org) by close of business on the **29<sup>th</sup> of November 2021**. We will finalize the selection of the VVB by **Decemeber 17 2021**.

### Legal Nature of RFP

This RFP is an invitation for proposals and Verra is under no legal obligation to accept any proposal nor proceed with the RFP. Verra reserves the right to amend the requirements at any time. Verra may also choose multiple VVBs as a result of this RFP to complete the scope of work with mutual agreement on how to divide the scope appropriately.