

# REQUEST FOR PROPOSALS

## Independent Expert Review of VCS module *M0367 CO<sub>2</sub> Capture from Acid Gas Removal in Natural Gas Processing Plants*

August 22, 2025

### 1 INTRODUCTION

Verra is a global leader helping to tackle the world's most intractable environmental and social challenges. As a mission-driven nonprofit 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, programs, and tools 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 carbon dioxide removals into tradable carbon credits called Verified Carbon Units (VCUs).

An integral component of the VCS Program is the [Methodology Development and Review Process, v5.0 \(MDRP\)](#) which outlines procedures and rules for the development of new or revised VCS methodologies, modules, and tools. A key element of the rigorous process includes review by a group of independent experts to ensure the methodology or revision aligns with current scientific knowledge, research, and best practices. Independent experts review the technical rigor, accuracy, and consistency of the draft methodology as per Section 3.5 of the *MDRP, v5.0*.

### 2 SCOPE OF WORK

Verra is requesting proposals for a technical assessment of VCS module *M0367 CO<sub>2</sub> Capture from Acid Gas Removal in Natural Gas Processing Plants* developed as per Section 3.5 of the *MDRP, v5.0*.

The proposed module for CO<sub>2</sub> capture from acid gas removal in natural gas processing plants applies to project activities that qualify under the most recent version of VCS methodology [VM0049 Carbon Capture and Storage](#) and that result in the capture of carbon dioxide that has been separated from natural gas streams.

VM0049 is globally applicable and designed for project activities involving carbon capture and storage (CCS). It uses a modular approach to quantify emissions across the capture, transport, and storage components of a CCS project. These modules can be combined as needed, depending on the project's

specific design and particular technologies used, on a case-by-case basis. VM0049 also incorporates a suite of tools that outline procedures for conducting specialized analyses relevant to applicable projects.

Verra is leading the development and assessment of the proposed module in collaboration with BKV Corporation (BKV), which is providing funding to support module development.

The independent expert review is expected to start during the public consultation period. Verra welcomes proposals to review the module from academics, researchers, practitioners, consultants, VVBs, or other experts with demonstrated experience in acid gas removal from natural gas or carbon capture and storage.

The requirements for the independent expert review are set out in Sections 3.3.2 and 3.5.1–3.5.4 of the *MDRP*, v5.0.

Principal tasks and responsibilities will include, at a minimum, the following:

- 1) **Review documents and issue a draft Independent Expert Report.** Independent experts review the draft documents and submit a draft Independent Expert Report issuing findings to Verra, using the template provided in Annex 1, as per Section 3.5.1 of the *MDRP*, v5.0.
- 2) **Iterate with Verra to resolve independent expert findings** as per Section 3.5.3 in the *MDRP*, v5.0. Verra may arrange a meeting or series of meetings to discuss findings and how they may be clarified or resolved within the draft documents. Additionally, Verra may request input on topics raised in feedback received during the public consultation. Where findings identify major risks that cannot be addressed within a reasonable timeframe, the module is put on hold or rejected by Verra (see Section 3.5.4 in the *MDRP*, v5.0).
- 3) **Issue Independent Expert Report.** Independent experts issue a final, signed version of the Independent Expert Report to Verra using the template provided in Annex 1, as per Section 3.5.3 of the *MDRP*, v5.0.

The fixed fee for this work shall not exceed \$4000 USD and estimated time commitment for the review is as follows:

| Draft document                                                                             | Review documents and issue a draft Independent Expert Report | Iterate with Verra to resolve findings | Issue Independent Expert Report | Total days |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------|---------------------------------|------------|
| Draft M0367 CO <sub>2</sub> Capture from Acid Gas Removal in Natural Gas Processing Plants | 2                                                            | 0.5                                    | 0.5                             | 3          |

### 3 QUALIFICATIONS

Verra will use the following criteria for evaluating proposals:

- Experience with emission mitigation project development, project validation, or GHG accounting in:
  - natural gas processing or
  - carbon accounting in the upstream and midstream oil and gas sectors
- Experience with VCS project development, GHG accounting, or VCS methodology development
- Cost proposal
- Availability to comply with the proposed timeline
- Ability to perform an independent review, without risk of bias that could impact the integrity of the methodology

### 4 MILESTONES, DELIVERABLES, AND TIMELINE

The main deliverables and expected timeline resulting from this assignment are as follows:

| Deliverable                                                   | Timeline                                                                                                      |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| 1) Review documents and issue draft Independent Expert Report | Late September–October 2025<br>Within three weeks of receiving the draft module from Verra                    |
| 2) Iterate with Verra to resolve findings                     | Mid to late October 2025<br>Within three weeks from Verra receiving the draft Independent Expert Report       |
| 3) Issue Independent Expert Report                            | Early November 2025<br>Within one week of verbal confirmation from Verra that all findings have been resolved |

### 5 RESPONSES TO THE RFP

Respondents are requested to submit the following materials:

- Completed Proposal Response Template, provided in Annex 2 and also available as a Word document, that indicates the respondent’s qualifications, experience, rate, and ability to conduct the review
- Completed Conflict of Interest Disclosure Form, provided in Annex 3 and also available as a Word document, that indicates the respondent’s ability to perform an independent review without risk of bias
- Separately appended resume/CV (not to exceed two pages each)

All application materials submitted to Verra will be kept confidential.

Proposals must be submitted by email to [methodologies@verra.org](mailto:methodologies@verra.org), with the methodology development ID number M0367 in the subject line, by close of business on 22 September 2025. Verra will likely ask the top candidates clarifying questions about their proposal. Verra plans to finalize selection of the consultant by 29 September 2025, with the work to begin as soon as possible after then.

**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.

## Annex 1: Independent Expert Report Template (subject to changes)



# INDEPENDENT EXPERT REPORT: TEMPLATE

|                   |  |
|-------------------|--|
| Module Title      |  |
| Version           |  |
| Sectoral Scope(s) |  |
| Document Reviewed |  |
| Date of Issue     |  |
| Expert Assessor   |  |
| Contact           |  |

## 1 INTRODUCTION

Verra is managing the development of VCS module *M0367 CO<sub>2</sub> Capture from Acid Gas Removal in Natural Gas Processing Plants*. Per Section 3.5 of the [VCS Methodology Development and Review Process, v5.0](#), module development requires a review by a group of independent experts to ensure the module aligns with current scientific knowledge, research, and best practices, assuring the technical rigor, accuracy, and consistency of the proposed content.

Based on their experience in upstream oil and gas, carbon capture and storage, and project development for the carbon market, Verra hired \_\_\_\_\_ to provide an expert assessment of the proposed module. The expert assessor's assessment focused on the following:

- 1) Scientific rigor: Assessment of whether the proposed module reflects the most recent scientific knowledge of greenhouse gas (GHG) emissions in carbon capture and storage
- 2) Validity of technical assumptions

- 3) Appropriateness, relevance, accuracy, and/or conservativeness of:
  - a) equations for quantifying project emissions and leakage emissions
  - b) assumptions, calculations, and data sources
  - c) monitoring approach
- 4) Scope of module boundary relative to typical gas plant facilities, their capture facilities, and other module boundaries in the VCS methodology VM0049 *Carbon Capture and Storage* framework
- 5) Key risks or criticisms expected from the market for this activity type

## 2 ASSESSMENT APPROACH AND FINDINGS

The expert assessor reviews the draft methodology that was published for public consultation and provides feedback to Verra. Verra prepares responses to the expert assessor's findings and updates the methodology accordingly. The expert assessor reviews the responses and provides confirmation that the planned updates address the findings. See Section 6 for detailed expert assessment feedback.

## 3 ASSESSMENT CONCLUSION

The expert assessor completes the expert assessment of *M0367 CO<sub>2</sub> Capture from Acid Gas Removal in Natural Gas Processing Plants* and confirms that the draft module adheres to the criteria established.

## 4 EXPERT QUALIFICATIONS

\_\_\_\_\_ has authored \_\_\_\_ peer-reviewed scientific publications to date. A detailed list of \_\_\_\_\_ employment, education and qualifications, and research publications is available at: \_\_\_\_\_

## 5 SIGNATURE

Signed for and on behalf of:

Name of entity: \_\_\_\_\_

Signature: \_\_\_\_\_

Name of signatory: \_\_\_\_\_  
Date: \_\_\_\_\_

## 6 EXPERT FEEDBACK

| Section # – Description of the Section |                                  |         |                                |
|----------------------------------------|----------------------------------|---------|--------------------------------|
| #                                      | Paragraph from Draft Methodology | Comment | Verra's Response and/or Update |
|                                        |                                  |         |                                |
|                                        |                                  |         |                                |

## Annex 2: Proposal Response Template

| Evaluation Criteria                                                                                                                                                                                                                                                                                                                                                 | Response                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <p>1) Relevant expertise in the subject matter, including direct experience with emission mitigation project development, project validation, or GHG accounting in the upstream or midstream oil and gas sector, or carbon capture and storage</p> <p>Please list relevant scientific publications, reports, and project experience.</p> <p>(maximum 300 words)</p> |                                                                                                     |
| <p>2) Experience with VCS project development, GHG accounting, or VCS methodology development. Please list relevant experience.</p> <p>(maximum 300 words)</p>                                                                                                                                                                                                      |                                                                                                     |
| <p>3) Cost proposal. Provide both daily rate and total cost in USD.</p> <p>(maximum 100 words)</p>                                                                                                                                                                                                                                                                  |                                                                                                     |
| <p>4) Availability to comply with the proposed timeline</p> <p>(maximum 100 words)</p>                                                                                                                                                                                                                                                                              |                                                                                                     |
| <p>5) Ability to perform an independent review, without risk of bias that could impact the integrity of the methodology.</p>                                                                                                                                                                                                                                        | <p>Please complete (sign and pdf) the Conflict of Interest Disclosure Form provided in Annex 3.</p> |

## Annex 3: Conflict of Interest Disclosure Form

### Conflict of Interest Disclosure

|                                 |                                                                                              |
|---------------------------------|----------------------------------------------------------------------------------------------|
| Name: (of collaborator)         | Position/Role: (of collaborator)                                                             |
| Organization: (of collaborator) | Module: M0367 CO <sub>2</sub> Capture from Acid Gas Removal in Natural Gas Processing Plants |

### Instructions

Conflict of Interest (“COI”): A COI is a situation in which a personal interest interferes with or is perceived to interfere with your ability to carry out your responsibilities in an impartial, unbiased, and objective manner. There are three categories of COIs: potential, perceived, and actual. Each category could potentially pose risks for Verra, your relationship with our organization, the integrity of the consultancy and the resulting methodology, and your personal and professional reputation.

In undertaking your review responsibilities, you have an ongoing duty to be transparent and are required to disclose any potential, perceived, or actual conflicts of interest within five business days of being aware of the situation. If you are in doubt, please make a disclosure.

### Disclosure

- 1) Do you have any affiliations with or involvement in any organization or entity that develops projects under the proposed module?

☐ Yes (Verra will contact you regarding next steps) ☐ No

- 2) Do you have interests, financial,\* personal,† or otherwise, related to project development (interests that concern the broader support of climate mitigation are not required to be disclosed).

☐ Yes (Verra will contact you regarding next steps) ☐ No

If you answered “Yes” to #1 or #2, or if you have a situation that is different from them, please provide details in the space below. Please include names of organizations, activities, and relevant relationships.

\* Financial interests arise when the reviewer or their immediate relative has been or is currently engaged in discussions to have, directly or indirectly, through business or investment, an ownership or investment interest in any project development.

† Personal interests arise when the reviewer or their immediate relative obtains an advantage, profit, right, or share or may benefit in any manner from project development.

I have declared all relevant interests in this form and will continue to raise relevant interests as and when they arise.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date