

CLARIFICATIONS TO VT0012 ACCOUNTING NON-VCS CO₂ IN CCS PROJECTS, V1.0

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This document provides clarifications applicable to VCS tool *VT0012 Accounting Non-VCS CO₂ in CCS Projects, v1.0*. Such clarifications are effective on their issuance date. Project proponents and validation/verification bodies (VVBs) shall apply and interpret *VT0012, v1.0* consistent with the clarifications set out in this document.

These updates will be incorporated into the next issued version of the methodology.

Clarification	Description	Section Reference
Clarification 1	Reference to <i>VMD0062 CO₂ Capture from Natural Gas Processing</i> has been included.	Section 2 Sources
Clarification 2	A definition for “baseline capture facility” has been added.	Section 3 Definitions
Clarification 3	Section 5.1.1 has been added and the subsequent section is renumbered as 5.1.2. Bold text has been added to emphasize the relevant measurement points referred to in each section.	Section 5.1 Determining Quantity of Non-VCS CO ₂ Injected

1 CLARIFICATION 1

Clarification:

The following module is added to Section 2 (Sources):

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Capture Modules

- VMD0056 CO₂ Capture from Air (Direct Air Capture)
- VMD0059 CO₂ Capture from Bioenergy
- **VMD0062 CO₂ Capture from Natural Gas Processing**

Background:

VCS module VMD0062 *CO₂ Capture from Natural Gas Processing* was published for use under VCS methodology VM0049 *Carbon Capture and Storage* after the publication of VT0012, v1.0. This clarification acknowledges that VMD0062 may be used in conjunction with VT0012.

2 CLARIFICATION 2

Clarification:

The following definition is added to Section 3:

Baseline capture facility

A CO₂ capture facility that starts operating before the project start date, is accounted for in baseline scenario B2 in capture modules approved under VM0049 and continues to operate during the project. Baseline capture facilities may be on-site and co-located but are distinct from new facilities installed as part of project activities and therefore are not included in the project boundary (as illustrated in Figure 1).

Background:

The addition of this definition helps to clarify the relationship between capture facilities present in the baseline and those introduced through project activities.

3 CLARIFICATION 3

Clarification:

The following Section 5.1.1 is added and the subsequent section is renumbered as Section 5.1.2. Bold text is added to emphasize the relevant measurement points involved in each section.

5.1.1 Accounting for non-VCS CO₂ Streams Received

All CO₂ originating from capture facilities outside of the project boundary, including baseline capture facilities (as illustrated in Figure 1), must be accounted for as non-VCS CO₂ streams received. Proponents of projects involving non-VCS CO₂ streams received must define in the project description and each monitoring report the method and distinct equipment used to meter CO₂ that enters the project boundary at each **measurement point *j*** (as illustrated in Figure 1). Specifically, CO₂ streams captured at baseline capture facilities must be metered separately from CO₂ streams captured within the project boundary. The options in Section 5.1.2 do not apply to non-VCS CO₂ streams received.

5.1.2 Determining non-VCS CO₂ Streams Captured

A project-specific method for determining the ratio of captured non-VCS CO₂ to the total captured CO₂ ($R_{nonVCS\ CO_2,c,y}$) must be defined in the project description and monitoring report for each **measurement point c** and must include:

- 1) CO₂ captured from ineligible biomass as described in *VMD0059 CO₂ Capture from Bioenergy*,
- 2) CO₂ captured from excess non-traceable biomass as described in Section 5.1.2.1, and
- 3) any other project-specific non-VCS CO₂ flows, defined as follows:
 - a) as a fixed value (e.g., zero).
 - b) as a project-specific variable with a fixed cap (e.g., the first 10 000 t CO₂ captured in the crediting period).
 - c) algorithmically (e.g., the quantity of CO₂ captured after the first 50 000 t CO₂ are captured in the crediting period).
 - d) as a variable dependent on other quantities (e.g., 25% of captured CO₂).

Background:

The added text clarifies the treatment of CO₂ streams received, transported, or delivered into or out of the project boundary as non-VCS gas, and the treatment of streams from baseline capture facilities as non-VCS CO₂.