

METHODOLOGY DOCUMENTATION

Developer Standardization Methodology

Resolving a single standardized developer name across registries, CDR facilities, and pending deals

DATE September 2026	TYPE SQL	PREPARED BY AlliedOffsets Product Team
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Overview

This logic establishes a single, standardized 'developer' field for every project or facility record produced in AlliedOffsets' master projects table. Because different carbon registries and data sources describe project developers inconsistently, the logic selects the most reliable name available depending on a project's context: proponent records for registries such as Verra and Puro.earth, the registry's own field for other registries, and dedicated company or deal records for carbon dioxide removal (CDR) facilities and pending transactions. The result is that every project, regardless of origin, carries one consistent developer name in the same field.

Data Inputs

Field / Parameter	Description	Source / Notes
Registry-supplied developer field	The developer name as reported directly by a project's carbon registry in its own data feed.	Registry data feed (project records table)
Registry code	Identifies which carbon registry a project is listed under (e.g. Verra, Puro.earth, PACM, others). Used to decide which developer source to trust for that project.	Registry data feed (project records table)
Proponent name	A separately maintained proponent/project participant name, used specifically for registries where the registry's own developer field is considered less standardized.	AlliedOffsets proponent tracking table
Proponent-project link	The reference connecting a proponent record to its corresponding project record.	AlliedOffsets proponent tracking table
PACM developer field	A developer name maintained specifically for Article 6.4 PACM (Paris Agreement Crediting Mechanism) projects, used as a fallback when no other developer source is available.	AlliedOffsets PACM project information table
CDR company name	The canonical company name for a carbon dioxide removal (CDR) facility developer.	AlliedOffsets internal CDR company master table
Offtake/investment developer field	A free-text developer name captured for pending or over-the-counter (OTC) offtake and investment deals that are not yet tied to a public registry record.	AlliedOffsets offtake and investment deals table

Logical Flow

1 Select registry-specific developer source

For registered, publicly listed projects, determine which source should supply the developer name based on the project's registry: Verra (VCS) and Puro.earth (PUR) projects are treated differently from all other registries.

2

Apply proponent name for Verra and Puro.earth

For projects listed under Verra or Puro.earth, use the proponent name held in AlliedOffsets' proponent tracking table rather than the registry's own developer field, since the proponent record is considered more standardized for these two registries.

3

Use the registry's own field for other registries

For all registries other than Verra and Puro.earth, use the developer name exactly as supplied by that registry's data feed, with no substitution.

4

Fall back to PACM developer information

If neither the registry-supplied field nor a matching proponent name is available, and the project is registered under the Article 6.4 PACM mechanism, use the developer name held in the dedicated PACM project information table.

5

Standardize CDR facility developer

For carbon dioxide removal facilities, set the developer name equal to the CDR company's canonical name held in the internal CDR company master table, regardless of the specific facility.

6

Carry developer through unregistered CDR facilities

For CDR facilities that do not yet have a confirmed site or public registry listing, carry forward the same standardized CDR company name established in the previous step.

7

Carry developer through pending and offtake-based deals

For projects that exist only as pending or over-the-counter offtake and investment deals, use the free-text developer name entered directly on that deal record, since no registry or proponent record exists yet to standardize against.

8

Combine into one unified developer field

Bring together the developer names resolved for registered projects, CDR facilities, and pending deals into a single 'Project developer' field so that every row in the master projects table carries one consistent value, regardless of its source category.

Assumptions

- For Verra (VCS) and Puro.earth (PUR) registered projects, the proponent name recorded in AlliedOffsets' proponent tracking table is assumed to be a more standardized and reliable developer name than the developer field supplied directly by the registry.
- For all other registries, the developer name is taken as-is from the registry's own data feed, with no additional standardization or correction applied.
- Article 6.4 PACM projects use a separately maintained developer name only when neither the registry-supplied developer field nor a matching proponent record is available.

- For CDR facilities, developer name is assumed equal to the CDR company's canonical company name; no distinction is made between the company as a legal entity and the company as a specific facility's developer.
- For projects with no public registry record yet (pending or offtake/investment deals), the developer name is taken as free text from the deal record, with no verification against a registry or proponent record performed.
- Only one developer name is retained per project; no attempt is made to reconcile or list multiple developers or consortium partners on a single project.

Limitations

- The standardization logic only distinguishes Verra and Puro.earth as registries needing proponent-based developer resolution; other registries with similarly inconsistent developer fields are not covered by this correction.
- If a proponent record exists but contains an unexpected or blank name, it is used as-is without cross-referencing against the registry's own developer field.
- Developer name spelling and formatting are not normalized across sources (e.g. abbreviations, punctuation, capitalization), so the same real-world developer can appear as different text strings depending on the source category.
- Free-text developer names captured for pending or offtake deals are not validated against the standardized company list used elsewhere on the platform, so a pending project's developer name may not exactly match its eventual registered project's developer name.
- This logic addresses only the 'Project developer' field and does not reconcile it with the separately tracked 'Project owner' field; a change of ownership after development is not treated as part of developer standardization.

Output

A single standardized 'Project developer' field is produced for every row in the master projects table, covering registered public-registry projects, CDR facilities (both sited and pending), and pending offtake/investment deals — each populated from the most reliable developer source available for that project's category.