

Change Log

Berkeley Carbon Trading Project's VROD

This document lists the major and minor changes made in each new release version of Berkeley Carbon Trading Project's [Voluntary Registry Offsets Database](#).

Updated March 11, 2024

v10 - with data through December 31, 2023

Voluntary-Registry-Offsets-Database--v10-2023-year-end

PROJECTS tab includes all project listing and credit transactions through the end of 2023.

Major changes

- ❖ We changed our region definitions to match the United Nation Statistic Division's classification.
- ❖ The first projects were listed under Washington's Ecology Offsets. We added a tab for the registry and also added them to the Projects tab.

Minor change

- ❖ We added the following columns to Projects tab to hold new project information from the registry tabs:
 - CORSIA Eligible
 - PoA ID/Aggregate ID
- ❖ Before our v9 release ACR split out its buffer pool deposits into two columns: “*Credits Transferred to Buffer Pool*” (column O) and “*Credits Issued to Buffer Pool*” (column N). We missed this change when we released v9, but version v10 takes into account both columns in accounting for the buffer pool deductions in ACR buffer pool, issuances, and credits remaining columns.
- ❖ We separated ARB fourth commitment period retirements by year that the retirements occurred (2022 or 2023) instead of lumping them together in 2021.

v9 - with data through November 1, 2023

Voluntary-Registry-Offsets-Database--v9-December-2023

PROJECTS tab includes all project listings and credit transactions through November 1, 2023.

Minor changes

- ❖ Reduction/Removal column categorization of REDD+ as Reduction (it was previously Mixed).
- ❖ Addition of several new project types: Biochar, Plugging Oil & Gas Wells, and Road Construction Emission Reductions.

- ❖ A few countries hosted their first project: Azerbaijan, Gabon, and Ukraine.

v8 - with data through May 10, 2023

Voluntary-Registry-Offsets-Database--v8-May-2023

PROJECTS tab includes all project listings and credit transactions through May 10, 2023.

Minor changes

- ❖ New addition of dynamic ‘Project Distribution by Scope and Geographic Region’ chart to *Charts* tab providing breakdown of projects by their scope and region of operation – situated below ‘Credits Issuances by Type’ sunburst.
- ❖ Added 2023 issuance and retirement columns.

v7 - with data through December 31, 2022

Voluntary-Registry-Offsets-Database--v7-2022-year-end

PROJECTS tab includes all project listing and credit transactions through the end of 2022.

Minor changes

- ❖ We changed the project type *Mineralization* to *Carbon-Absorbing Concrete* to be more descriptive. These projects are the first long-duration removals to be registered on the major voluntary offset registries.
- ❖ Countries previously listed as being in the region of Central America have been more specifically differentiated into—Caribbean and Central America—following the categorization of the United Nations geopolitical scheme.

v6 - with data through November 9, 2022

Voluntary-Registry-Offsets-Database--v6-November-2022

Major changes and additions

- ❖ Buffer pool deposits are summed in a new ‘Total Buffer Pool Deposits’ column (column R) and are no longer included in the issuances and credits remaining figures for all registries (they previously were included in CAR and ACR issuance figures). This column draws from registry buffer pool data files that have now been added to the database.
- ❖ Reversals are recorded in two new columns: ‘Reversals Covered by Buffer Pool’ and ‘Reversals Not Covered by Buffer Pool’ (columns S & T).
- ❖ Please see our [VROD Calculations](#) for descriptions of all of our calculations of issuances, retirements, credits remaining, buffer pool deposits, and reversals by registry.
- ❖ We further systematized the categorization of projects by type, which led to the recategorization of some projects.

- See [Scopes & Types](#) for updated definitions of each category.
- ❖ We refined the calculation of credit issuances for ARB projects. Since the volume of credits issued can be adjusted during the transfer process from the registry to ARB, we compute credits issued as the sum of credits issued by the registry, canceled from the registry in the transfer process, and re-issued by ARB.
- ❖ ACR cancellations from 2009 and earlier are available in ACR's Credit Status report. We integrate these early cancellations into the *ACR Cancellations* tab.
- ❖ ARB Project (column D) now designates projects as ARB only if they are included in the *ARB Issuances & Retirements* table and notes whether ARB designates them as "Early Action" or "Compliance" projects.
 - Early Action offset projects are developed under an approved early action quantification protocol.
 - ARB Compliance projects are generated under one of six approved ARB compliance offset protocols.

Minor changes

- ❖ Note the addition of several new project types: Bicycles, Carbon Capture in Cement, Grid Expansion & Mini-Grids, Mineralization, and Shipping.
- ❖ "Industrial Manufacturing" scope retitled as "Industrial & Commercial."
- ❖ We added two new charts to the *Charts* tab – 'Buffer Pool with Forestry & Land Use Issuances by Registry/ARB' sunburst and bar charts.
- ❖ A few countries hosted their first project: Austria, Italy, Kosovo, Latvia, Mayotte, Uzbekistan.

v5 - with data through March 31, 2022

Voluntary-Registry-Offsets-Database--v5-April-2022

Minor changes

- ❖ Addition to Charts tab providing the year-to-date issuances broken down by registry.

v4 - with data through December 31, 2021

Voluntary-Registry-Offsets-Database--v4-2021-year-end

PROJECTS tab completely up to date through the end of 2021.

Major changes

- ❖ New Reduction/Removal column (column H) in *PROJECTS* tab categorizes project types by whether they result in Reductions, Impermanent Removals, Permanent Removals, or Mixed (removals and reductions).

- ❖ New Issuances & Retirements by Reduction/Removal charts on the left side of *Charts* tab show credits issued and retired over time by effect category: Reductions, Impermanent Removals, Permanent Removals (no projects yet), and Mixed.
 - These two graphs are static (designated with a blue border) and do not update with the *PROJECTS* tab filters.
- ❖ *Map* chart now has its own tab with option functions to view global distribution of the voluntary market by number of projects or by total credits issued.

Minor changes

- ❖ ‘Countries in Order of Total Projects’ table consolidated onto the *Map* tab and expanded to provide total credits issued per country.

v3 - with data through November 24, 2021

Voluntary-Registry-Offsets-Database--v3-December-2021

Major changes

- ❖ New columns, “Credits remaining by vintage” (red columns BS-CR) in *PROJECTS* tab, tally the credits by vintage year (the year the reductions/removals occurred) that have not yet been retired.
- ❖ A new tab, *Credits by Vintage*, shows the credits issued, retired, and remaining by vintage year for any offset project in the database.
- ❖ New Retirements charts were added in the right side of the *Charts* tab. The historical retirements chart is static & retirements by type and scope is dynamic per user filters on *PROJECTS* tab.
- ❖ We added an *FAQ & Index* tab.

Minor changes

- ❖ *VCS Issuances* registry tab has been updated and redesignated as *VCS Vintage Issuances*.

Corrections made to v2 data

- ❖ From v3 onward, we will not include Gold Standard PERs (Planned Emissions Reductions, which are ex-ante credits) in the tallies of total credits issued. These credits are only included if they are converted to VERs (Verified Emissions Reductions).
- ❖ In v2, we mistakenly recorded the date of Verra issuances as the date of the latest issuance from each vintage; in v3 we return to the method used in v1, and record the date of Verra issuances as the earliest issuance date for each vintage. Please see our *FAQ* tab for a full description of our methods.

- ❖ In v2, we mistakenly changed some of the values in the "Retired for Compliance (Quebec)" column of the *ARB Issuances & Retirements* registry tab. The updated table contains new data as downloaded.

v2 - with data through May 3, 2021

Voluntary-Registry-Offsets-Database--v2-September-2021

Major changes

- ❖ Replaced all project and credit data with new data downloaded May 3, 2021 (Gold Standard Projects were downloaded May 10, 2021, ARB Issuances & Retirements May 12, 2021, CAR Cancellations May 26, 2021, and ACR Cancellations May 28, 2021). Any projects that have been deleted from the registries are preserved in our *Archive* tab.

Minor changes

- ❖ New project types added:
 - Waste Diversion
 - Sustainable Grassland Management - a new type that includes Sustainable Grazing projects from the first release and other grassland management projects
- ❖ Column additions and changes:
 - ARB projects:
 - Converted *ARB Project*, column D, to "yes/no", and moved the specific ARB status (listed, active, terminated, etc.) to a new column, (column BZ), called *ARB Project Detail*.
 - Moved *Registry + ARB* to column BY and renamed it *Registry / ARB* (this column categorizes all ARB projects, regardless of host registry, as "ARB" for easy sorting)
 - Changed the name *Active CCB Status* to *Other Certifications*
 - Added column *Notes from Berkeley Carbon Trading Project*
 - Added 2021 issuances and retirements columns

v1 - with data through December 8, 2020

Voluntary-Registry-Offsets-Database--v1-2021-4

Released April 17, 2021

First release.