

Supply Projections

How AlliedOffsets estimates current and future carbon credit supply

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Overview

AlliedOffsets estimates how many carbon credits are available today and how many are expected to reach the market in future years, by project and vintage. The projections combine credits already issued and not yet retired with expected future issuance, drawing on project data, historical issuance patterns and developers' own disclosed forecasts. They also show when supply is likely to arrive and which compliance schemes it may qualify for.

Data Sources

Source type	How it is used
Public carbon registries	Issuance, retirement and cancellation records, and project attributes such as crediting period and expected emission reductions.
Project documentation	Issuance forecasts disclosed by developers in public project design documents.
Compliance and policy information	CORSIA phase status, Article 6 authorizations, Letters of Authorization, host-country NDC status and eligibility for national and regional compliance schemes.
AlliedOffsets research	Historical analysis of how projects and registries have delivered against expected issuance.

Our Approach

1	Measure existing supply For each project and vintage, credits already issued are netted against retirements and cancellations to show remaining supply.
2	Forecast future issuance Future issuance is estimated for active and pipeline projects over their remaining crediting periods, using each project's track record or expected emission reductions.
3	Prioritize developer disclosures Where a developer has published its own issuance forecast, it is used in place of the model estimate.

4

Calibrate to real-world delivery

Model-based forecasts are adjusted to reflect how reliably projects have historically turned expected reductions into issued credits.

5

Time supply and tag eligibility

Each projection is assigned an expected year of market arrival based on historical issuance timing, and tagged with relevant compliance eligibility.

Key Principles

Best available evidence

Issued volumes come first, then developer disclosures, then modeled estimates.

Realism over potential

Forecasts reflect what projects have historically delivered, not only their theoretical potential.

Transparent confidence

Every projected figure is labeled with the type of evidence behind it.

Forward-looking

Projections that pass without materializing are removed, so the view stays current.

Quality Assurance

- Projections are refreshed on a regular schedule as registry data updates.
- Compliance eligibility rules are reviewed as schemes and ICAO guidance change.

Interpreting the Results

- Projected supply is an estimate of potential future issuance, not a commitment by any project.
- Use the confidence label on each projection to judge how much weight to place on it.

Limitations

- Developer forecasts are taken as published and are not independently validated.
- Projections depend on the completeness and accuracy of registry project data.
- Future changes to compliance eligibility, such as new host-country authorizations, are not anticipated.
- Future retirements are not projected.

WHAT YOU GET

A view of supply by project and vintage, showing issued and projected volumes, the expected year of market arrival, the evidence behind each projection, and compliance eligibility. It powers the AlliedOffsets Supply Projections dashboard.