

Carbon Credit Price Estimation

How AlliedOffsets estimates indicative prices for carbon projects and credits

OCTOBER 2026 | PREPARED BY ALLIEDOFFSETS

Overview

AlliedOffsets publishes an estimated market price for carbon projects and for individual credits across the voluntary carbon market. Because much of the market trades privately and observed prices are sparse, we use machine-learning models trained on real market pricing, combined with market-informed expert adjustments, to produce consistent and comparable estimates. These estimates power our price explorer, portfolio valuation and index products.

Data Sources

Source type	How it is used
Market pricing data	Bid, offer and transaction prices reported by brokers and independent market data providers, used to train and calibrate the models.
Public carbon registries	Project and credit attributes such as registry, country, sector, methodology, vintage, issuance and retirement history.
Integrity and compliance signals	Eligibility under schemes such as CORSIA and Article 6, ICVCM Core Carbon Principles status and claimed sustainable development benefits.
AlliedOffsets research	Analyst review of specific market segments, such as carbon removals, where specialist pricing evidence is available.

Our Approach

1	Collect and standardize market evidence Recent prices are gathered from several independent channels and converted to a consistent price basis so that different quote types can be compared.
2	Learn the drivers of price Machine-learning models learn how project and credit characteristics relate to observed prices, and are refreshed regularly as new market evidence arrives.
3	Estimate prices across the market The models estimate a price for every project and credit, including those with little or no direct trading history, with the most suitable modeling approach selected for each market segment.
4	Apply market-informed adjustments Estimates are refined to reflect known market dynamics that a purely statistical model can miss, such as compliance eligibility premiums and differences between removal and reduction credits.

5

Check consistency and publish

Results are checked for internal consistency, for example across vintages of comparable projects, and for implausible values before being published on a regular cycle.

Key Principles

Evidence first

Observed market prices anchor the model. Where specialist pricing evidence exists for a segment, it takes precedence over general model estimates.

Recency

Recent market activity carries the most influence, so estimates track current market conditions.

Like-for-like comparison

Prices are compared on a consistent basis, so differences reflect credit characteristics rather than how a price was quoted.

Market realism

Expert review complements the models, so estimates reflect known market dynamics as well as statistical patterns.

Quality Assurance

- Models are retrained and estimates refreshed on a regular cycle.
- Outputs are checked for consistency across comparable projects and vintages, and for implausible values.
- Analysts review segments where market evidence is thin or where market structure is changing.

Interpreting the Results

- Estimates are indicative and should not be read as a quote, bid or offer.
- Estimates for projects and credits with active trading are generally more reliable than those for rarely traded credits.
- A single large or unusual trade may take time to be reflected, since estimates respond to the accumulated weight of recent evidence.

Limitations

- Coverage of private and bilateral transactions is necessarily incomplete.
- Estimates for niche or newly emerging segments rely more heavily on comparable credits than on direct evidence.
- Compliance and integrity inputs reflect the latest available registry and scheme data and may lag recent announcements.

WHAT YOU GET

An estimated price for each project and for individual credits, plus a regularly updated price history by project and vintage that feeds the AlliedOffsets price explorer, portfolio valuation and index products.