Clean Water Projects

CREDIT VALUATION SCHEMA

CARBONTRIBE 2025

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Carbontribe’s Pricing Approach

1

Valuing waste reduction projects

By monetizing the reduction of waste and consumption, sustainable practices are incentivized.

2

Increasing accountability and transparency

Our credits offer traceable, results-based evidence that strengthens the monitoring and evaluation of our partners' impact.

3

Providing an alternative financing mechanism

Our credits prioritize creating a new revenue stream to support initiatives, focusing on economic viability and accessibility rather than traditional additionality criteria.

4

Empowering marginalized groups

Our credits actively engage and fairly compensate all stakeholders, ensuring that crediting supports both environmental progress and social equity.

Carbontribe’s Pricing Advantages

Lower Upfront Costs

Low-Risk and Safe

Simplified Certification Process

Aligned Incentives for Long-Term Success

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Credit Structure

Our pricing schema determines the financial compensation participants receive for their projects based on the removal and sustainable disposal of **10 kg of dry waste** from aquatic environments. Prices are set as follows:

Credit Base Rate

Based on waste type, environmental harm, recyclability, and disposal complexity

Premium Factors

Additive adjustments based on good stewardship

Local Price Modifiers

Adjust prices based on project location and local economic factors

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Credit Base Rate

Waste Type	Risk Level*	Recyclability**	Base Price*** (USD/credit)
Plastics	High	Medium	$5.0
Metals	Medium	High	$3.5
Glass	Low	High	$2.5

*Risk levels are calculated by an internal evaluation based on IPCC's Environmental Impact Factor of each waste type.
**Recyclability is defined as the ease with which a material can be recycled in practice and at scale (Ellen Mac Arthur Foundation, 2025).
***Prices account for collection, sorting, verification, and disposal cost.

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Premium Factors

Premium factors are applied to adjust the base price based on the collection, processing, and disposal methods used in a project. These adjustments reward practices that contribute to sustainability and inclusive waste management.

e.g.

Base Price +

Manual Collection + 10%

Chemical Recycling + 15%

Community-Based Projects + 10%

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Premium Factors - Explained

Method	Price Adjustment	Notes
Manual Collection	+10%	Labor-intensive process often carried out by local workers or community groups. Ensures detailed sorting and minimizes environmental disruption.More labor-intensive
ROV/Drone Assisted Collection	+15%	Remote-operated vehicles (ROVs) or drones assist in waste collection, improving efficiency and access to hard-to-reach areas. Requires technology investment.Technology investment
Incineration with Energy Recovery	+5%	Waste is burned in specialized facilities that capture energy for electricity or heating, reducing landfill waste. Less ideal than recycling but prevents uncontrolled pollution.Sustainable energy gain
Mechanical Recycling	+10%	Traditional method where plastics or metals are cleaned, shredded, and remanufactured without changing their chemical structure. Lower energy use but material quality degrades over time.
Chemical Recycling	+15%	Uses chemical processes (e.g., pyrolysis) to break down waste into base materials, allowing for higher-quality recycling. Energy-intensive but effective for mixed or contaminated plastics.
Approved Landfill (last resort)	–10%	Waste is disposed of in regulated landfills when other options are not feasible. Less preferred method
Community-Based Projects	+10%	Involves local communities in waste collection, providing social and economic benefits while ensuring long-term engagement.

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Local Price Modifiers

To ensure fair pricing and align with regional economic conditions, credit prices are adjusted based on project location and local cost factors. These modifiers account for differences in labor costs, economic development, and environmental urgency

e.g.

Local Price Modifiers - Explained

To ensure fair pricing and align with regional economic conditions, credit prices are adjusted based on project location and local cost factors. These modifiers account for differences in labor costs, economic development, and environmental urgency

Method	Price Adjustment	Notes
Low-Income Country Site*	+10%	Supports waste collection in lower-income regions where infrastructure is limited and financial incentives are crucial for project sustainability
High Labor Cost Region**	+10%	Accounts for increased operational expenses in countries with high wages, ensuring fair compensation for workers while maintaining project feasibility.
High Debris Accumulation Zones***	+5%	Recognizes areas with severe waste pollution, where urgent intervention is needed to prevent environmental damage.

* Defined as countries classified as Low-Income or Lower-Middle Income by the World Bank or with a GDP per capita under $4,500 USD.

**Applies to regions where the average manual labor wage exceeds $15 USD per hour.

*** A growing number of marine pollution hotspots pose significant risks to ecosystem stability and human health due to persistent plastic accumulation and inadequate waste management (UNEP, 2021).

- Mediterranean Sea including southern Mediterranean, Levantine Basin, Adriatic and Ionian Seas, and near the Balearic Islands.
- Arctic Ocean including Barents Sea, Norwegian Sea, and Greenland Sea
- East Asia and ASEAN Seas including South China Sea, East China Sea, Sea of Japan, and Xisha Trough

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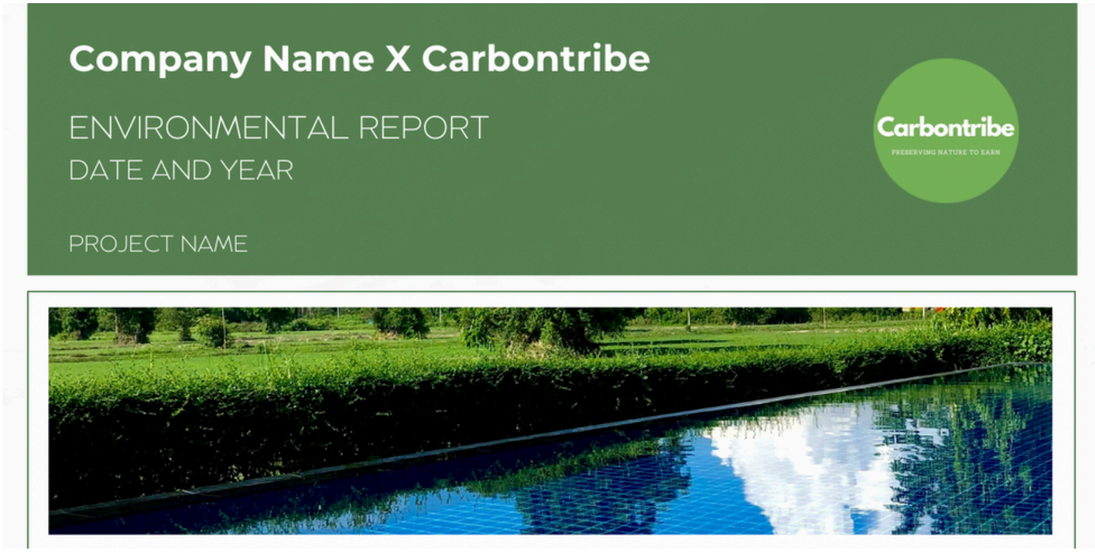
Beyond Pricing

Our Clean Water Credits program goes beyond financial support, delivering meaningful social and environmental impacts. Each Clean Water Credit will be accompanied by a comprehensive Impact Report, detailing its environmental and community benefits. This ensures transparency, demonstrating how your contribution directly fosters ocean health and sustainable development.



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