



PLANEX

PLANEX — PIONEERING CARBON CREDIT TRADING

Driving Sustainability, Bridging Markets, Empowering Change

PLANEX — BRIDGING MARKETS, DRIVING SUSTAINABILITY

Innovative Solutions for a Greener Planet

The name PLANEX is derived from the words 'Planet' and 'Exchange,' reflecting our mission to create a global platform for trading carbon credits that directly supports the sustainability of our planet. It also symbolizes the connection between environmental action and economic growth, aligning with our vision of bridging markets and driving impactful change.

PLANEX is redefining the way carbon credits are traded, offering a groundbreaking platform that bridges global markets and drives impactful climate solutions. Our mission is to empower businesses, governments, and organizations to achieve their sustainability goals while fostering economic growth.

With a robust partnership with Arx Veritas, PLANEX leverages blockchain technology to ensure every transaction is secure, traceable, and trustworthy. Our platform is uniquely positioned to provide unparalleled liquidity and scalability in the rapidly expanding carbon market, aligning with global climate goals such as the Paris Agreement and ISO standards.

PLANEX is not just about trading; it's about building a sustainable future. By combining innovation, transparency, and strategic resources, we enable our partners to make meaningful contributions to global de-carbonization efforts.

- **Largest Carbon Credit Reserve:** Backed by an unmatched portfolio of high-quality assets.
- **Blockchain Security:** Transparent, traceable transactions prevent fraud and double counting.
- **Strategic JV Partnership:** Working with Arx Veritas to deliver industry-leading solutions.
- **Regulatory Alignment:** Fully integrated with Paris Agreement and ISO standards.
- **Custom Solutions:** Tailored approaches for compliance and voluntary markets.
- **Market Scalability:** Designed to meet the growing demand for carbon credit trading.

UNDERSTANDING CARBON CREDITS

Major Standards and Certifications That Shape the Market

What Are Carbon Credits?

Carbon credits are tradable permits that represent one ton of carbon dioxide removed or avoided. They enable businesses and governments to offset emissions, meet sustainability goals, and comply with global climate regulations.

Certifications: Ensuring Credibility

Certification bodies verify that carbon credits are real, additional, and meet global standards. These certifications often align with ISO standards (14064, 14067) for greenhouse gas accounting and verification.

ISO 14064: Standards for quantifying, monitoring, and reporting GHG emissions.

ISO 14067: Guidelines for determining the carbon footprint of products.

Common Certifications	Focus	Region/Countries Recognized
Verra (VCS)	Broad voluntary market	Global
Gold Standard	Social and environmental impact	Europe, Asia, global
CDM	Compliance markets	UN member countries
ACR	Forestry, agriculture	North America
CAR	Innovative protocols	North America

Verra (Verified Carbon Standard, VCS):

- Largest global program for voluntary carbon markets.
- Covers forestry, renewable energy, and agriculture projects.
- Recognized by companies and governments worldwide.

Gold Standard:

- Focuses on projects with social, environmental, and economic benefits.
- Used by voluntary buyers in Europe, Asia, and beyond.
- Preferred for high-quality credits with community impact.

Clean Development Mechanism (CDM):

- Part of the Kyoto Protocol, used for compliance markets.
- Recognized by the United Nations and many developing countries.

American Carbon Registry (ACR):

- One of the oldest voluntary offset programs in the US.
- Focuses on North American projects, including forestry and agriculture.

Climate Action Reserve (CAR):

- Focused on North America, with an emphasis on transparent protocols.
- Known for innovative approaches like methane capture.

Other Certifications:

China Certified Emission Reduction (CCER), Plan Vivo Standard, Social Carbon, Verified Carbon Units (VCUs), Australian Carbon Credit Unit (ACCU) etc.

HOW CARBON CREDITS WORK

From Projects to Climate Impact

The Lifecycle of a Carbon Credit

Carbon credits are created to support projects that reduce or prevent emissions, allowing businesses to offset their carbon footprint.

Key Stages:

Project Creation:

Projects like reforestation, renewable energy, or methane capture generate measurable emission reductions.

Verification and Certification :

Certification bodies (e.g., Verra, Gold Standard) verify projects align with global standards such as ISO 14064.

Tokenization (Optional) :

Credits can be tokenized on blockchain to ensure traceability and prevent fraud.

Market Trading :

Businesses and governments purchase credits on platforms like PLANEX.

Retirement :

Credits are retired (removed from the market) to fulfill emission reduction commitments.

Blockchain's Role in Carbon Credits

Tokenizing carbon credits enhances transparency, traceability, and security.

Key Benefits:

- Prevents double counting or fraudulent claims.
- Enables seamless cross-border trading.
- Builds trust in the credibility of transactions.

WHY CARBON TRADING NOW?

Seizing the Climate and Market Opportunity

Market Drivers:

Paris Agreement Targets:

- Countries and corporations must meet net-zero commitments by 2050.

Regulatory Pressure:

- Compliance markets are expanding, with stricter emissions regulations worldwide.

Corporate ESG Commitments:

- Major companies are investing heavily in voluntary carbon markets to align with sustainability goals.

Rapid Market Growth:

- The carbon market is projected to grow to \$50 billion annually by 2030, fueled by increased demand for offsets.

Why Businesses Are Adopting Carbon Credits:

Cost-Effective Compliance:

- Credits provide a practical way to meet regulatory requirements without overhauling operations.

Reputation and Brand Value:

- Companies seen as climate leaders attract customers, investors, and partners.

Future-Proofing:

- Early adopters position themselves to succeed in an increasingly regulated market.

The Role of PLANEX:

- Provides a trusted, scalable platform to access certified carbon credits.
- Offers innovative solutions, including blockchain tokenization, to meet growing market demands.
- Bridges compliance and voluntary markets with flexible options for businesses.

INTRODUCING ARX VERITAS

Revolutionizing Carbon Markets with Innovation and Security




Who is Arx Veritas?

Arx Veritas is a global leader in carbon solutions, driving innovation through its blockchain-based registry and comprehensive carbon credit ecosystem. As PLANEX's joint venture partner, Arx Veritas brings unmatched expertise and resources to the table, enabling transparency and security in carbon trading.


Real-World Assets & Blockchain Technology

Tokenization connects tangible assets with digital investment avenues.



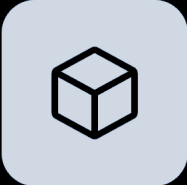
Fractionalized Ownership & Enhanced Liquidity

Unlock liquidity for previously inaccessible assets through fractional ownership.




Immutable Integrity & Auditable Ledger

Our platform ensures accountability with permanent, traceable records.




Transparent Disintermediation & Trustless Consensus

Transactions occur directly between parties with full transparency, free from intermediaries.




Sustainable Wealth Creation

Carbon credit markets are digitally empowered for direct impact, enabling investors to participate in global sustainability while earning returns.



Digital Sovereignty & Decentralized Governance

Control over assets is in the hands of the investor, ensuring autonomous validation and peer-to-peer equilibrium without centralized oversight.



WHY TOKENIZATION MATTERS

Enhancing Transparency and Trust in Carbon Markets

What is Tokenization?

Tokenization converts carbon credits into digital tokens stored on a blockchain, ensuring each credit is unique, traceable, and secure.

Benefits of Tokenization:

Transparency:

All transactions are recorded on a public ledger, visible to all stakeholders.



Fraud Prevention:

Prevents double counting or "double dipping" of carbon credits.



Global Accessibility:

Enables seamless cross-border trading with reduced administrative overhead.



Liquidity:

Tokenized credits can be traded easily, increasing market liquidity and accessibility.



Immutable Record:

Creates a permanent and tamper-proof record of credit ownership and usage.



How PLANEX Implements Tokenization:

Blockchain Integration:

- All credits traded on PLANEX are tokenized for enhanced security and efficiency.

Compliance:

- Aligns with global standards like ISO 14064 and Paris Agreement protocols.

BESPOKE SOLUTIONS FOR BUYERS

Turning Offsets Into Assets

Custom Solutions vs. Spot Market Purchases:

PLANEX offers bespoke carbon offset strategies that are more cost-effective and strategically advantageous compared to purchasing credits directly from the spot market. The more sophisticated solutions are not only offering costs benefits, but also alignment of business asset strategies and robust risks mitigation.



Key Considerations:

Asset Diversity

Businesses need offsets aligned with their core operations; for instance, airlines may prefer energy projects over farmland.

With the world’s largest and most diverse portfolio, PLANEX ensures offsets are both relevant and strategic.

Costs Effectiveness

PLANEX offers tailored solutions like project acquisitions and inventory integration, delivering significant savings over spot market purchases.

Our scale and exclusive strategies make us uniquely efficient and cost-effective.

Risk Mitigation

PLANEX uses blockchain tokenization to ensure credit traceability and prevent fraud.

As the only platform offering parametric carbon credit insurance, we provide unparalleled security for investments.



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