



BQCIS × Bloomberg Green Feature 2025

**The New Resilience—
How Verifiable ESG
Redefines Trust in Global
Trade**

**Bloomberg Green | BQCIS Insights &
Verification Series**

Building Verifiable Trust in a Fragmented World

Once, trust was personal—a handshake, an earned reputation, a contract. Now, in an age of digital ecosystems and AI, that model is obsolete. Trust has become abstract, intangible, and eroded by risk. A data breach or a labor rights scandal in another country can shatter its foundation instantly.

Global trade has become a fast-moving game of shadows: suppliers scattered across 14 territories, spiking rare earth-metal prices, water emergencies in critical zones. The world debates net zero while investor demands combine with binding ESG mandates to upend entire industries:

“In an age of digital risk, trust must be machine-verifiable.”

Marcin Dovrel
CEO BOCIS

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BOCIS answers this modern world's most urgent question: When risk is machine-generated and revenue relies on transparency, how will we prove trust is real? Transparency must be codified in unbreakable data—all the way down to the constituent mineral.

By fusing inspection and certification with cutting-edge AI and blockchain, we provide invulnerable proof verification and data traceability to global clients. Only when transparency is beyond question can trade, investments, and governance survive



Part 1: The Regulatory Tsunami – The 'Why Now'

ESG Becomes Law

Trust is no longer built on voluntary pledges. It is being legislated. A new global framework of mandatory due diligence is creating C-suite-level urgency.

The EU's Corporate Sustainability Due Diligence Directive (CSDDD) is the game-changer. Entered into 2024, making large companies legally responsible for identifying, preventing and mitigating adverse human rights and environmental impacts. Crucially, "We didn't know" is no longer a legal defense.

The Ecodesign for Sustainable Products Regulation (ESPR) is the practical counterpart. It phases in requirements for **Digital Product Passports (DPPs)** - starting with key industries such as textiles, batteries, and electronics, ESPR will require products to carry a digital record of their full lifecycle, from raw material to recycling instructions.

BQCIS Takeaway: These regulations have transformed ESG from a PR function into a core pillar of legal and operational risk management.

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FROM COMPLIANCE TO PROOF

THE BOCIS SOLUTION — ADVANCED VERIFICATION FOR A TRANSPARENT ECONOMY



DIGITAL TWIN & REMOTE INSPECTION

A physical audit is a single snapshot in time. We now create continuous oversight.

Using IOT sensors, visual inspection cameras, and advanced modeling, we create a "Digital Twin" of supplier's facility.



BLOCKCHAIN FOR IMMUTABLE TRACEABILITY

This is the core of "verifiable proof" and the ultimate weapon against greenwashing.

A traditional database is a private, blockchain provides a "digital asset" on a private blockchain.



DIGITAL PRODUCT PASSPORT (OPP)

This is the client- and consumer-facing vehicle that delivers all this data.

DPsA The DPP connects a product via a QR code or NFC chip.

Turning ESG Risk into Business Resilience

Verifiable ESG is the most powerful **resilience** tool a modern corporation can deploy.



ENVIRONMENTAL



A critical supplier for a high-value chemical is located in a severe water-stress zone.

The Problem

A critical supplier for a high-value chemical is located in a severe-water-stress zone.

Predictive Resilience

Predictive Resilience



SOCIAL



BQCIS blockchain traceability provides provenance proof for all raw cotton.

BQCIS Verification

BQCIS blockchain traceability provides provenance proof for all raw cotton.

Proactive Resilience

Proactive Resilience



GOVERNANCE



An investor group accuses the company of “greenwashing” its carbon-neutral claim, threatening its stock price.

Financial Resilience

The company refutes the claim with verifiable proof protecting its market capitalization and securing a lower interest rate on

From Risk to Revenue

From risk management to measurable value creation

Transparency
won't just protect
reputation—
it will define
valuation.