

NOVIQTECH

Sustainable Solutions, Measurable Impact

NoviqTech (ASX: NVQ) Investor Presentation
August 2025

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NOVIQAI





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Who We Are

NoviqTech (ASX: NVQ) develops software to measure emissions, track materials (i.e., **rare-earth elements, antimony, glycol**), and clearly and reliably report supply chain data.

Our products, **Carbon Central** and **NoviqAI**, are used across green fuels, manufacturing, and recycling to meet reporting rules and verify sustainability claims.

We also operate **Quantum Intelligence**, a pioneering hybrid quantum solution that is leading the way into the Quantum Era of Business, with Noviqtech at the forefront. Powered by **NVIDIA CUDA-Q**, this platform accelerates hybrid quantum computing by up to 10 times, allowing for high-performance workflows. NoviqTech is proud to be a:

- Hedera Foundation Sustainable Impact Fund Grantee
- Google Cloud, Cloud Ready – Sustainability Initiative Partner



Empowerment – We equip businesses with tools to control supply chains, cut emissions, and drive change.

Efficiency – The detached “E” symbolises our modular, adaptable technology, seamlessly integrating to optimise sustainability.

Environmental Impact – At our core, Carbon Central helps businesses track, reduce, and report emissions confidently.

The circular halo around the “E” represents **inclusivity, connection, and innovation** - bridging technology with sustainability.



Corporate & Shareholder Snapshot

Capital Structure

Market capitalisation (as at 11 August 2025)	\$9.83m
Ordinary shares on issue (NVQ)	280,869,880
Listed Options on issue (NVQOA)	153,546,049
Unlisted Options	123,797,047

Share Price Performance (12 months)



Top 10 Shareholders

Holder Name	Holding	% Ic
10 Bolivianos Pty Ltd	53,652,332	19.10%
Mr Antanas Guoga	24,489,664	8.72%
Mr Gavin Jeremy Dunhill	10,000,000	3.56%
William Brindise	10,000,000	3.56%
Mr Hairong Liu	7,062,416	2.51%
Ashmat Investments Pty Ltd	5,803,554	2.07%
Mr Patrick Kok	5,000,000	1.78%
Mr Abdurrahim Bozkurt	5,000,000	1.78%
Freddy El Turk	4,546,251	1.62%
Buprestid Pty Ltd	2,891,272	1.15%
Top 10 Shareholders	133,281,995	47.45%
Total Issued Capital	280,869,880	100.00%

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Market Gaps

Companies are under increasing pressure from customers, regulators, and investors to accurately track materials in real-time and prove their origin and source. Current solutions are fragmented, lacking in transparency and trust.

LACK OF ROBUST SOLUTION

- Existing carbon and sustainability tools are siloed and inconsistent
- Lack of interoperability across supply chains and reporting platforms
- Difficult for businesses to prove the origin and impact of offsets or green fuels
- Undermines trust and opens the door to greenwashing claims

REGULATORY PRESSURE

- CBAM, CSRD, and Australia's Safeguard Mechanism demand traceable carbon data
- Mandatory disclosure of Scope 1, 2, and in some cases scope 3 emissions
- Investors are favouring ESG-compliant, transparent businesses
- Sustainability claims must be auditable to avoid regulatory and reputational risk

DATA COMPLEXITY

- ESG data spans devices, sites, partners, and time. Data is difficult to manage manually
- Inconsistent data formats and evolving standards challenge compliance
- Quantum Intelligence supports optimisation and insight across large, complex datasets
- Enables early risk detection, decision support, and assurance at scale



Multi-Billion Dollar Opportunity

NoviqTech provides platforms that ensure trust, traceability, and compliance. By integrating Quantum Intelligence, we empower businesses to optimise sustainability performance, anticipate regulatory risks, and unlock deeper insights across complex value chains.

CARBON AND SUSTAINABILITY

- Carbon markets projected to reach \$7B–\$35B by 2030¹, with rapidly evolving regulatory demands.
- Businesses must now quantify, verify, and disclose emissions with increasing frequency and accuracy
- Quantum Intelligence enhances scenario modelling and emissions forecasting for strategic planning
- Verifiable, blockchain-based records strengthen trust with regulators and ESG-focused investors

SUSTAINABLE AVIATION FUEL

- Biofuels market growing from \$125B (2024) to \$176B by 2030^{3,4}; hydrogen from \$204B to \$408B⁵
- Scaling these sectors requires origin tracking and carbon intensity validation
- NoviqTech supports industry standards (e.g. ISCC+) with tokenised guarantee of origin
- Quantum models accelerate lifecycle analysis and optimise production routes for emissions and cost

REE & BATTERY RECYCLING

- Recycling sector generates \$500B² annually; luxury and food traceability markets growing steadily
- Consumers demand proof of sustainable goods.
- Brands risk value erosion without trusted supply chains. Food traceability market valued at \$16.58B (2023), growing at 8% CAGR through 2032⁶.
- Quantum-enhanced analytics uncover anomalies and enable predictive risk scoring in complex global supply chains.

(1) Source: <https://www.msci.com/www/blog-posts/frozen-carbon-credit-market-may/05232727859>

(2) Source: <https://www.precedenceresearch.com/waste-recycling-services-market>

(3) Note: Biofuels refers to all types of fuels from biological origins, such as biodiesel, SAF, etc,

(4) Source: <https://www.statista.com/statistics/217179/global-biofuels-market-size/>

(5) Source: <https://www.gminsights.com/industry-analysis/hydrogen-market>

(6) Source: <https://www.gminsights.com/industry-analysis/food-traceability-market>



Quantum-Powered Solutions to propel any business into the future

A **Global First Hybrid Quantum Solution** Pioneering the Quantum Era of Business with NoviqTech Leading the Way. **Quantum Intelligence (QI)**, a wholly owned subsidiary of NoviqTech, is developing tools designed to accelerate data processing, reduce administrative tasks, and create tamper-proof records of business activities. Their products meet the increasing global demand for AI automation and quantum-powered performance.



- **QI Provenance** offers tamper-proof digital credentials and asset tracking via blockchain. With a simple API, Python library, and white-label options, it integrates easily and scales from testing to enterprise.
- **QI AI** is an enterprise-ready assistant for natural language interaction, real-time Q&A, and compliance alerts. It integrates via API with CRMs, ERPs, and supports multilingual, customised workflows across industries.
- **QI Platform** (Quantum Intelligence Platform), powered by NVIDIA CUDA-Q, delivers up to 10× faster hybrid quantum-classical performance via cloud GPUs. With enterprise-grade APIs and SDKs, it enables predictive intelligence, security, and scalability across sectors.

Unleash Quantum.
Accelerate
Intelligence.



A new era of quantum-powered intelligence.
Delivering trusted, future-ready infrastructure
for enterprises.

<https://www.quantumintelligence.au/>



Quantum Intelligence Strategic Value

Rising Global Spend

Quantum computing market forecasts **exceed \$7.3B by 2030**⁽¹⁾, as enterprises seek faster AI infrastructure and secure data solutions.

Enterprise Use Cases Expanding

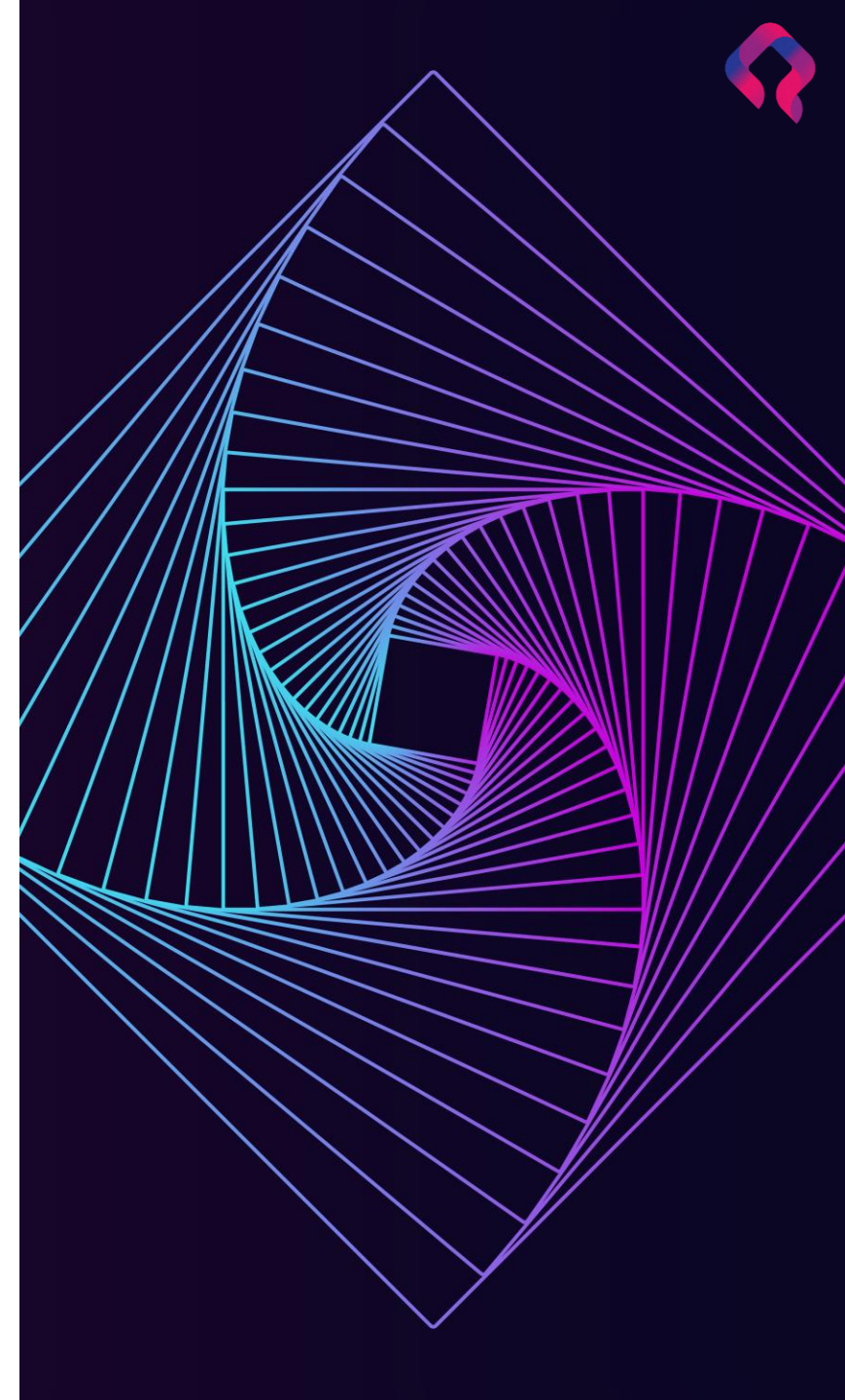
Sectors like **energy, supply chain, and defence** are already piloting quantum tools to improve forecasting, automation, and data integrity.

Licensable IP for AI + Automation

QI builds backend tools with **enterprise-ready APIs**, designed to be licenced across industries beyond carbon and climate.

Diversifies NoviqTech's Business

Enables new commercial models **beyond sustainability**, offering backend infrastructure other platforms and industries can rely on.



(1) Source: <https://www.bccresearch.com/market-research/information-technology/quantum-computing-technologies-and-global-markets.html>



NoviqTech Other Pillars

Our pillars harness the power of artificial intelligence and distributed ledger technology to provide trusted and transparent reporting across all supply chains.



- A Digital Twin platform for tracking, verifying, and tokenising emissions.
- Automates carbon calculations, reporting, and compliance.
- Integrates with IoT devices & meter readings for real-time validation.
- Uses Hedera-powered tokenisation to create immutable carbon records.
- Supports industry standards for carbon management & Guarantee of Origin (GO).



- An AI-powered platform for end-to-end supply chain traceability.
- Provides consumer visibility into product journeys.
- AI-driven insights enhance data accuracy & validation.
- Blockchain-backed secure, tamper-proof tracking for trust & transparency.
- Integrates with Carbon Central for next-gen digital twin capabilities

[Download](#) detailed Carbon Central product information and detailed case studies

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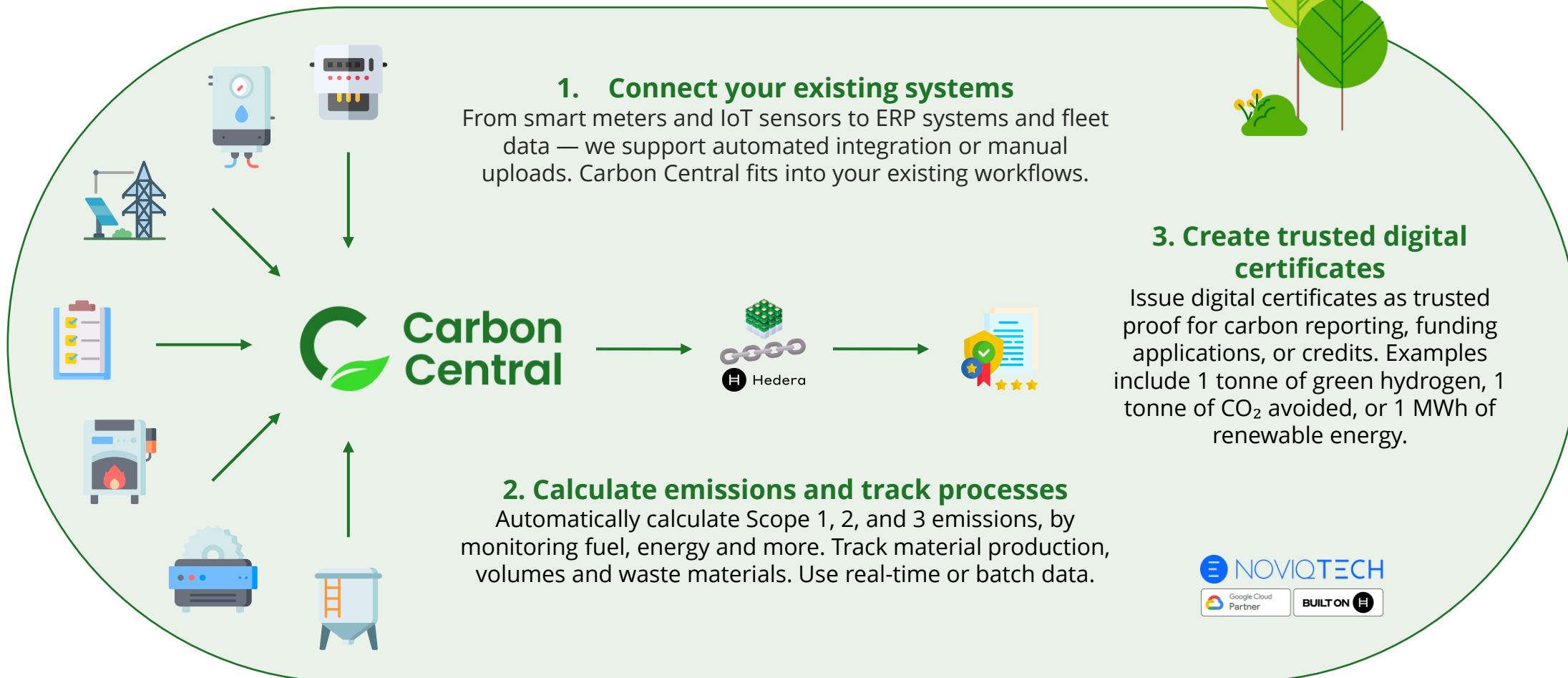
The Significance of the Hedera Foundation's Support

- The Foundation focuses on areas such as tokenization, DeFi, AI, and sustainability, aiming to empower individuals, developers, and organizations within the digital economy.
- HBAR is the cryptocurrency used by the Hedera network, with a market capitalisation of \$11.1 billion USD.
- The Hedera Foundation focuses on community-driven innovation and aims to onboard millions of users to its ecosystem.
- Hedera is a public network that utilises the Hashgraph consensus mechanism, providing an alternative to traditional blockchains with advantages such as speed, security, and low transaction fees.



How Does Carbon Central Work?

Carbon Central allows real-time tracking of materials like Rare Earth Elements (REE), antimony, glycol, and sustainable aviation fuel (SAF). We ensure your sustainability data is trackable and ready for audits, helping you identify a clear path forward through our Environmental and Data Assessment.



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Carbon Central Customer Use Cases

HYDI

Uses Carbon Central to track and verify carbon savings from its hydrogen on-demand retrofit system for diesel engines. By improving combustion efficiency and reducing fuel use and emissions, HYDI captures site data and records it on Carbon Central in alignment to Verra's voluntary carbon market methodologies – enabling the issuance of carbon credits.

Livium

Uses Carbon Central to track emissions reductions and material recovery across its battery recycling operations, recovering critical minerals like lithium, nickel, and cobalt from end-of-life batteries. By integrating operational data into Digital Twins, Livium ensures accurate carbon accounting, mass balance, and traceability - enabling the generation of tokenised environmental attributes and compliance with evolving battery passport and ESG standards.

Power Synch

Uses Carbon Central's platform to track and verify the carbon intensity of green hydrogen, ensuring transparency and traceability. Real-time data on energy, water, and emissions is recorded. This supports Guarantee of Origin certification, streamlining audits and tax incentives and trust in sustainable hydrogen production.

TROEF

Dutch energy project uses Carbon Central's platform to track carbon footprints, supporting carbon-neutral cities. Partnering with industry leaders, TROEF enables peer-to-peer energy and CO2 certificate trading via the Internet of Energy. Real-time data monitoring and an immutable Trust Chain drive decarbonisation and sustainability goals.

Global Resource Recovery

Please see following pages for detailed case study.

TRUSTED BY



For additional detailed case studies, download our case studies brochure here:

<https://docs.carboncentral.app/knowledge-base/support/download>



Case Study – Global Resource Recovery (GRR)



An in-depth view of how GRR uses Carbon Central for their recycling processes



RECYCLING, CIRCULARITY & WASTE MANAGEMENT

- ISCC Plus Certification for Chemical Recycling
- Reclamation of spent chemicals including Glycol and Amines lowering the requirement to produce and purchase virgin materials.
- Optional inclusion of GHG emissions calculations is included in sustainability declarations.
- Located in Darwin, Australia

- **Challenge:**
GRR needed a reliable system to transparently track the recycling of spent chemicals, such as glycol and amines, while enhancing product value and maintaining compliance with sustainability standards.
- **Solution:**
Using Carbon Central, GRR implemented an ISCC Plus-aligned **digital twin** to support the **creation of a Sustainability Declaration (SD)** for each kilolitre of chemical tracked. By integrating real-time data from site meters, Carbon Central enables GRR to monitor energy usage, carbon intensity, and batch management. The recorded data is securely stored on the Carbon Central Trust Chain, creating an auditable verification trail.
- **Impact:**
Using Sustainability Declarations (SDs), GRR expects to **increase the value of the reclaimed chemicals** per kilolitre, based on customer estimations. The digital certification provided by Carbon Central supports GRR's sustainability credentials, assuring customers and regulatory bodies of the authenticity of their carbon savings.
- **Growth:**
GRR continues to expand, targeting continued increase in recycling volumes of per year across both glycol and amines. This partnership enhances traceability, reduces waste, and supports data-driven decision-making, reinforcing GRR's leadership in responsible recycling and sustainability.



Case Study – Global Resource Recovery (GRR) Cont.

Below are Carbon Central screenshots showcasing GRR implementation. The Digital Twin tracks reclamation steps like evaporation, distillation, and storage before sale, aligning with ISCC+. The Trust Chain ensures transparency by capturing data from each device for 1 kL of product.

TrustChain

Green Glycol
#0.0.481233.2030

Certificate ID: 5a0e3256-48b3-4b3c-9d4d-4b298feda5d
Production ID: 0.0.481233.2031-1694601654-960692568

16 Oct 2024 11:41 AM Issuance
1 kL Token Value

Devices

Device	Inputs	Formulas and calculations	Data
Storage for Distillation (unit 16)	Electricity (pump): 0.447983795 kWh Tank 1 (07F09): 189.963872825 L Tank 2 (07F11): 189.963872825 L	Total Dewatered Glycol: 759.935491301 L Energy consumption: 0.00467665668 MJ Scope 2 CO2eq (t): 0.00000006166 t	Total Heat: 67.80 MJ Energy consumption: 66.408572286 MJ
Distillation (unit 16)	Heat (LP-steam): 33.9 MJ Heat (MP-steam): 33.9 MJ Electricity (pump): 0.446825635 kWh Dewatered Glycol (16F12807): 759.935491301 L	Total Waste Water: 221.083051 L	Total Product Glycol: 588.9 L Energy consumption: 1.65462322824 MJ
Waste Water Storage and Treatment	Waste Water Tank (66F03): 110.5415254 L Waste Water Tank (66F04): 110.5415254 L	Total Waste Water: 221.083051 L	Total Product Glycol: 588.9 L Energy consumption: 1.65462322824 MJ
Final Product Storage	Electricity (pump): 0.45996175634 kWh Product Glycol (16F13001): 598.9 L Tank 1 (07F19A): 199.633333333 L	Total Product Glycol: 588.9 L Energy consumption: 1.65462322824 MJ	Total Product Glycol: 17.967 L Energy consumption: 8.97 MJ Carbon emission: 0.00345 t

A screenshot from the Trust Chain showing a 1 kL token created in Carbon Central for GRR and the data from each device which contributed to this token.

Digital Twin Glycol Reclamation - Green Glycol

GRR NT Facility

Net emissions savings: 56.63413 t (95% savings)
Carbon emission: 2.4081 t
Net glycol reclaimed: 17.97 kL (89.99% reclaimed)

Workflow:

- Product Profile
- Citect Meter Device Details
- Storage for Evaporation (unit 14)
 - Total Spent Glycol: 29,949 L
 - Energy consumption: 48.3 MJ
 - Carbon emission: 0.0069 t
- Evaporation (unit 14)
 - Spent Glycol (14F12701): 29,949 L
 - Energy consumption: 22,998 MJ
 - Carbon emission: 1.3925 t
- Storage for Distillation (unit 16)
 - Inbound Dewatered Glycol: 22,760 L
 - Energy consumption: 8.97 MJ
 - Carbon emission: 0.00345 t
- Distillation (unit 16)
 - Dewatered Glycol (16F12807): 22,760 L
 - Energy consumption: 23,391 MJ
 - Carbon emission: 1.20405 t
- Waste Water Storage and Treatment (WWT)
 - Total Waste Water: 8,984 L
- Final Product Storage
 - Product Glycol: 17,967 L
 - Energy consumption: 8.97 MJ
 - Carbon emission: 0.00345 t

A screenshot from the Digital Twin created in Carbon Central for GRR and the workflow of data and devices required to track production.

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The opportunities are endless

NoviqTech targets businesses needing granular tracking across a range of sustainable and carbon-focussed markets.

NEW ENERGIES



- Solar, Wind and other Renewables
- Biofuels, Green Hydrogen & More

- **Challenges:** Inconsistent regulations across regions, lack of standardisation for cross-border trade, absence of Guarantee of Origin (GO) systems.
- **Solution:** Companies in new energies are turning to carbon tracking and tokenisation to meet evolving regulatory requirements (e.g., ISCC+ certification). NoviqTech enables businesses to verify the carbon footprint and product origin.

PRODUCTION & MANUFACTURING



- Green Steel, Lithium
- Sustainable Palm Oil, & More

- **Challenges:** Inaccurate sustainability declarations, high audit costs, reliance on manual processes.
- **Solution:** Manufacturers must demonstrate the origin and sustainability of their materials. NoviqTech Digital Twins provide real-time tracking to measure and report emissions across their production and manufacturing operations.

RECYCLING & CIRCULARITY



- Spent Chemicals
- Battery Components & More

- **Challenges:** Limited trust in sustainability claims, high audit costs, manual data handling, credibility concerns for recycled products.
- **Solution:** Businesses must validate the sustainability of circular products. NoviqTech's high quality tracking, enables transparent reporting and certification to strengthen trust in recycled and other circular products.



Target Markets – Sustainable Aviation Fuel

Sustainable Aviation Fuel is a key growth driver, and our traceability tools are already being piloted in SAF Book & Claim frameworks.



SUSTAINABLE AVIATION FUEL (SAF)

Carbon Central provides the digital infrastructure for every party involved in SAF certification and compliance:

- Feedstock producers
- Aggregators & processors
- Refineries & SAF producers
- Blenders & distributors
- Buyers, regulators & auditors

*SAF is projected to account for over **65% of aviation decarbonisation** by 2050¹.*

Challenges:

- **Certified SAF supply is falling short of global demand** due to limited visibility, fragmented supply chains, and inefficient tracking
- **Manual, high-friction certification processes** create bottlenecks and increase the cost of compliance
- **Regulators and buyers now demand tamper-proof**, batch-level emissions data to support claims and unlock incentives
- **No end-to-end digital infrastructure exists today** to trace SAF from feedstock to final use and enable credible Book & Claim models

Solution:

- **Carbon Central automates batch-level tracking** for SAF producers, replacing manual certification with tamper-proof digital workflows
- **Creates Digital Twins of SAF production**, linking emissions, feedstock, and production records for full lifecycle transparency
- **Enables digital certificates and Book & Claim systems**, aligned with ISCC and Guarantee of Origin standards
- **Designed for scale** – ready to integrate with Quantum Intelligence to accelerate compliance and enhance data trust across the SAF supply chain

(1) Source: <https://www.iata.org/en/programs/sustainability/sustainable-aviation-fuels/>

Why Investors Choose **NoviqTech**

Purpose-Built for Regulated Industries

Carbon Central and NoviqAI are used to track emissions, track materials (i.e. REE, Antimony, Glycol), and issue digital certificates for audits and supplier verification.

Flexible Product Delivery

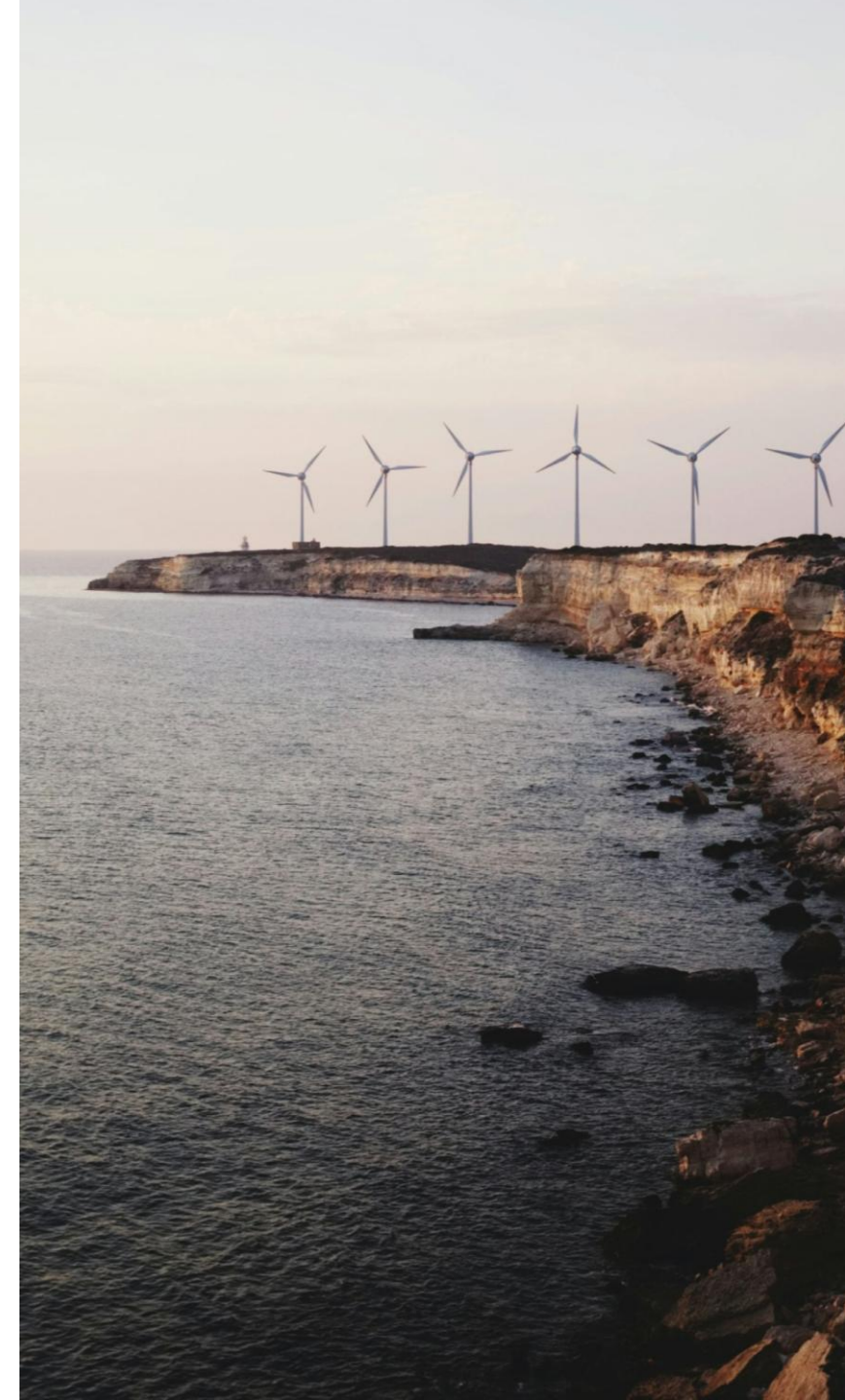
Modular subscriptions, enterprise onboarding, and whitelabel options make the platform easy to scale across diverse operations.

Execution-Focused Roadmap

Features are co-developed with clients across energy, recycling, and manufacturing. Integrates directly with existing systems.

Infrastructure Advantage

Quantum Intelligence develops tools for fast data handling and tamper-proof records, extending NoviqTech's reach into logistics, finance, compliance tech, etc.



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