



VANTERICS



TRACEABLE SUSTAINABLE FUEL REPORTING

Platform Overview



VANTERICS

From production data to **trusted** customer records

Vanterics connects your production data, methodologies, certifications, and evidence to create trusted, shareable fuel records for your customers.

1 Capture production data



2 Calculate carbon intensity



3 Link reporting to offtakers



4 Report on fuel consumption



For Producers

Manage production data, calculations, certifications, and audit evidence in one controlled workspace

Unified data management

Bring together production, feedstock, and operational data from across your facilities

Fuel and Methodology Agnostic

The Vanterics Policy Workflow Engine adapts to meet the needs of your chosen production pathway



For Offtakers

Give your offtakers a portal to view sustainability attributes and record their fuel use

Offtaker Portal

Give your offtakers a real-time overview of their sustainable fuel attributes

Single source of truth

Fuel production attributes are joined with retirement activities to support full well-to-wake reporting

Tronix Producer

Platform

Home

Artificial Intelligence

Production

Batches

Production Attestations

Production Lots

Feedstock Lots

Transactions

Offtake

Gas Supply

Configuration

Certifications

Facilities

Meters

Products

Customers

Feedstock

Producer portal

Batch

Batch ID: 3848d7af-4782-488d-8b6a-d3ec5869316

Information

Production Date

18 September 2026

Product

Green Hydrogen

Quantity

1,000,000 Kg

Production Attestation

Finalised

View attestation

Issued

18 Sept 2026

Methodology

Vanterics Green H2 1.0

Certificate ID

VAN-001

Attested quantity

1,000,000 Kg

GHG emissions

54,000 kg CO₂e

Carbon intensity

2,700 gCO₂e/MJ

Batch fuel lot

Physical fuel available for transfer.

Created

1,000,000 Kg

Transferred

0,000 Kg

Available

1,000,000 Kg

Energy content

20,000 MJ/Kg

Total energy

20,000,000 MJ

Carbon

0,800 kg/L

Production Facility

Edit

Name

Hydrogen Hub

Code

GHY-001

Address

Adj, 165 Ron Penhalligon Way, Robina QLD 4226, Australia

Certification

Methodology

Vanterics Green H2 1.0

Certificate ID

VAN-001

Requirements

Complete

Batch emissions lot

Methodology-derived emissions transferred with the fuel.

Complete

Created

54,000 kg CO₂e

Transferred

0,000 kg CO₂e

Available

54,000 kg CO₂e

Carbon intensity

2,700 gCO₂e/MJ

Vanterics Green H2 1.0 - Certificate VAN-001

Methodology

Production

Documents

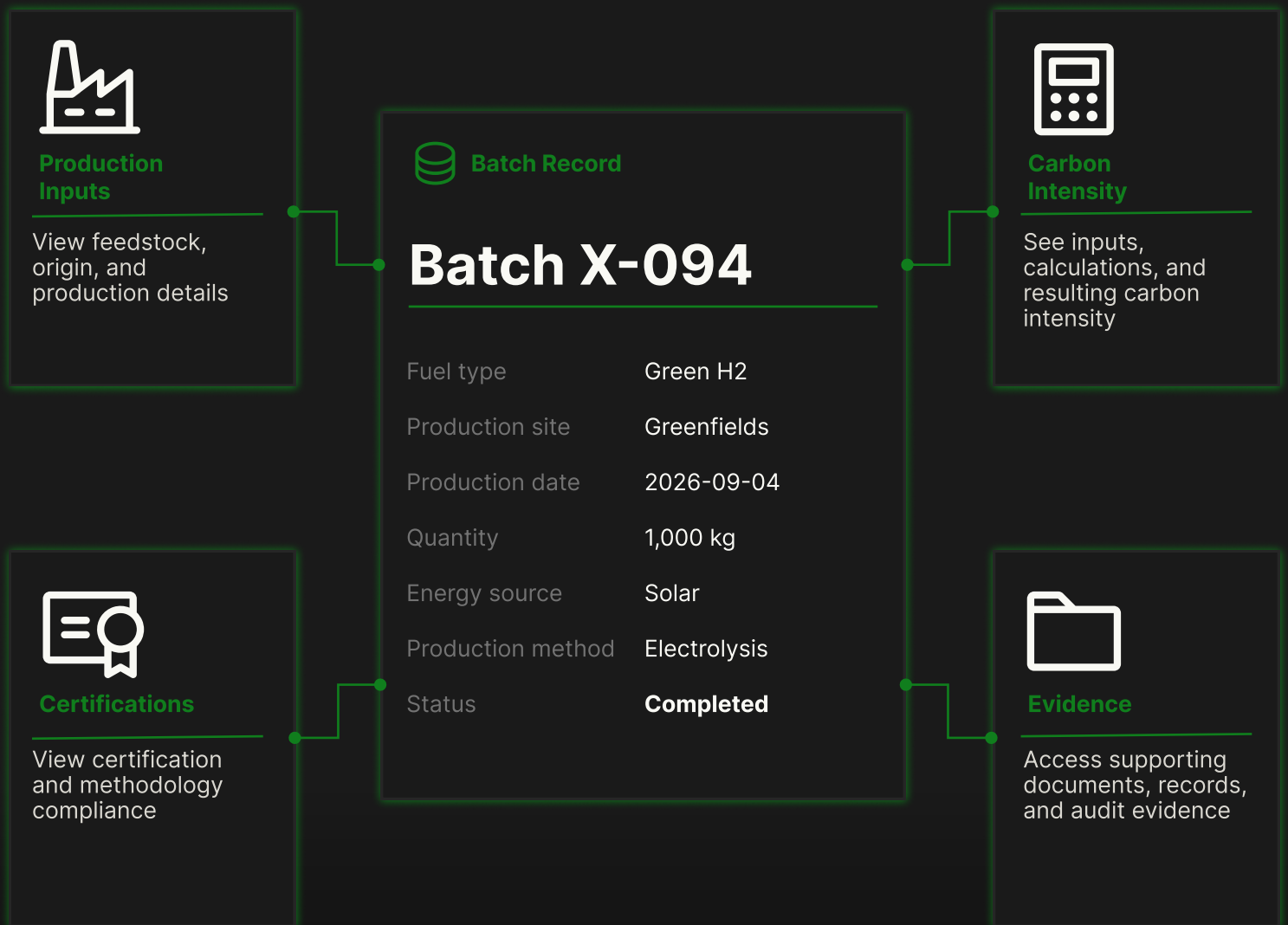
GHG Calculations



VANTERICS

A **connected** record for every fuel batch

Bring the source, calculations, certifications, and evidence behind a batch into one clear view with full traceability



Follow the data behind every reported fuel attribute

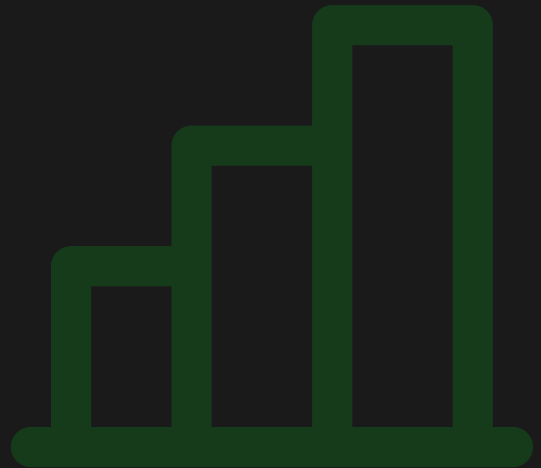
Vanterics connects production data, calculations, certifications, and evidence to create a complete, traceable record for every fuel batch, ready for reporting and audit



VANTERICS

Give every offtaker a clear view of **their fuel**

A dedicated portal brings purchased fuel, sustainability attributes, and supporting evidence into view for every offtaker



Ryanjets
Offtaker

Platform

Home

Fuels

Sustainable

Regular

Transactions

Transactions

Emissions

Emission Activities

Flights

Gas Supply

Producers

Producers

Customer portal

Sustainable fuel lot
Green Hydrogen
s5481242-961e-4720-b02c-4781aa1689d4

Lot summary

Fuel type, unit, producer, transaction and transfer details.

Fuel type

Unit

Producer

Transaction

Transfer date

Green Hydrogen

Kg

Trans

#4

Sep 18, 2026

Production location



Facility name

Hydrogen Hub

Address

Adj, 165 Ron Penhailgon Way, Robina QLD 4226, Australia

Fuel received

1,000.000 Kg

0.000 Kg remaining

Emissions received

847.000 kg CO₂e

0.000 kg CO₂e remaining

Carbon intensity

2.823 gCO₂e/MJ

Production to use timeline

Recorded production evidence, system transfer and current allocations.

Sep 18, 2026, 12:48 PM GMT+10

Batch created

Source batch 01969669-ce10-4bac-8f54-3c35fa213368

Sep 18, 2026, 12:48 PM GMT+10

Production lot created

Production lot 72772cd3-e1b5-4988-9e12-bb2ae36390f6 - 1,000.000 Kg

Sep 18, 2026, 12:48 PM GMT+10

Meter reading received

Plant Scada - reading 046c0b51-f143-4a0f-90ed-d970a42ecd2 - Batch 01969669-ce10-4bac-8f54-3c35fa213368 / production lot 72772cd3-e1b5-4988-9e12-bb2ae36390f6

Sep 18, 2026, 12:48 PM GMT+10

Transfer completed in the system

Transaction #4 - transaction date Sep 18, 2026

Sep 18, 2026, 12:48 PM GMT+10

Fuel allocated to activity

1,000.000 Kg · VN001 · BNE → SYD · activity time Sep 16, 2026, 3:48 PM GMT+10 · [view activity](#)

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Meter evidence

Production and supplementary meter reading periods.

Meter	Type	Reading method	Period start T1	Period end T1
Plant Scada	Production	Manual	Sep 18, 2026, 12:44 PM GMT+10	Sep 18, 2026, 12:45 PM GMT+10



Fuel use

Offtakers can record fuel use across applications and capture blending and abatement calculations



Supporting evidence

Sustainable fuel lots are linked to feedstock, facility, certification, and production information, providing a central location for all sustainability information



All fuel types

Your offtakers can track emissions across all fuel types that you supply to them from across all of your production facilities