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CEO & Co-Founder



Green Molecules Certification:
How to make it work at scale,
across borders & standards?

June 26th, 2025



“Certified Green” will distinguish winners from losers in the green molecules space.

Price premiums

Subsidies

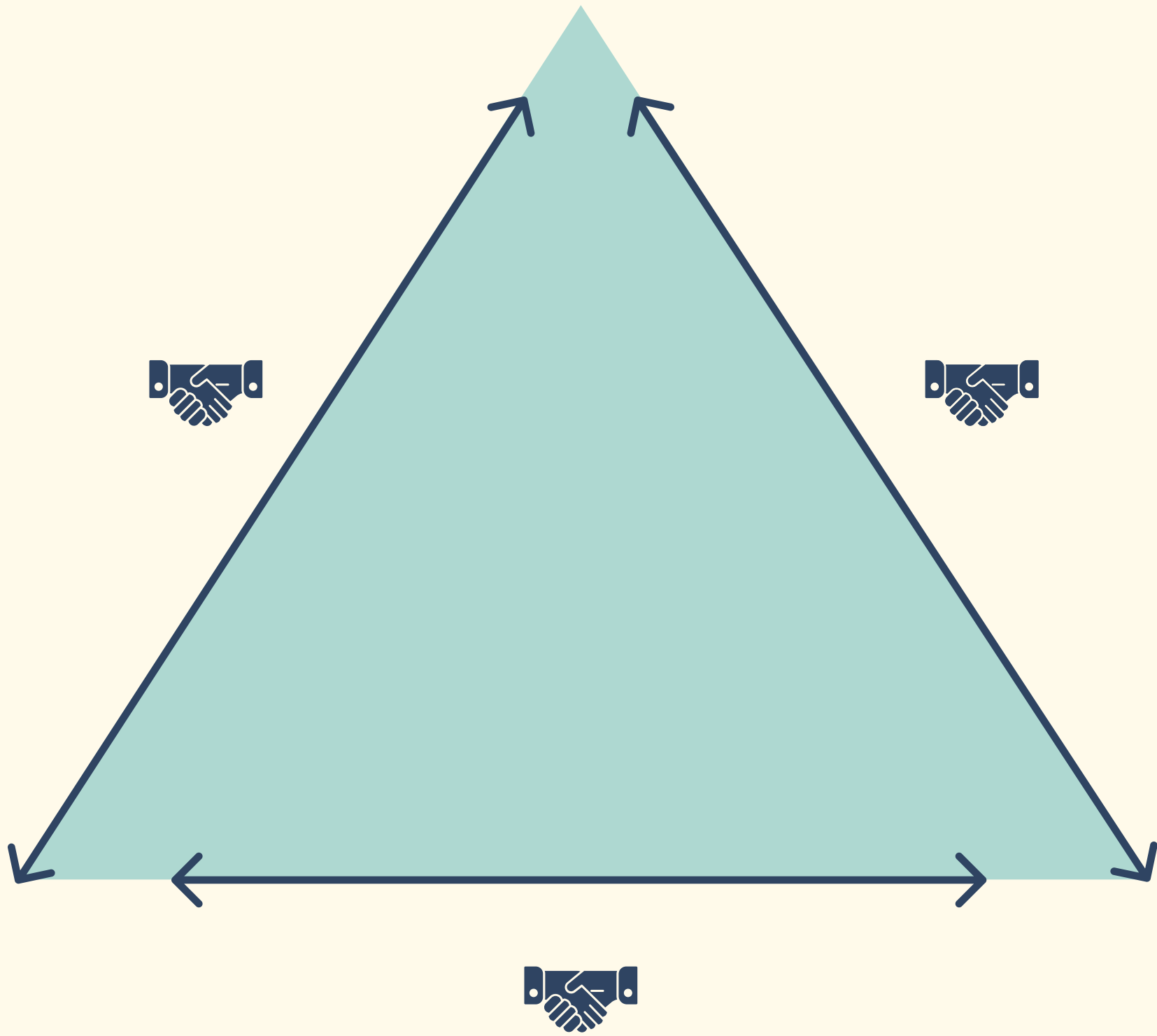
International trade





In principle, it's straightforward.

Economic Operator





Today's compliance & certification processes can hardly scale to the extent required by complex & fast-changing regulation.

Complex

Tedious

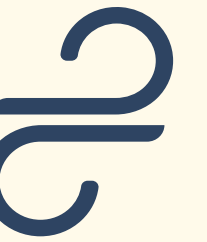
High maintenance



Translating requirements from schemes alone takes weeks

200+ requirements

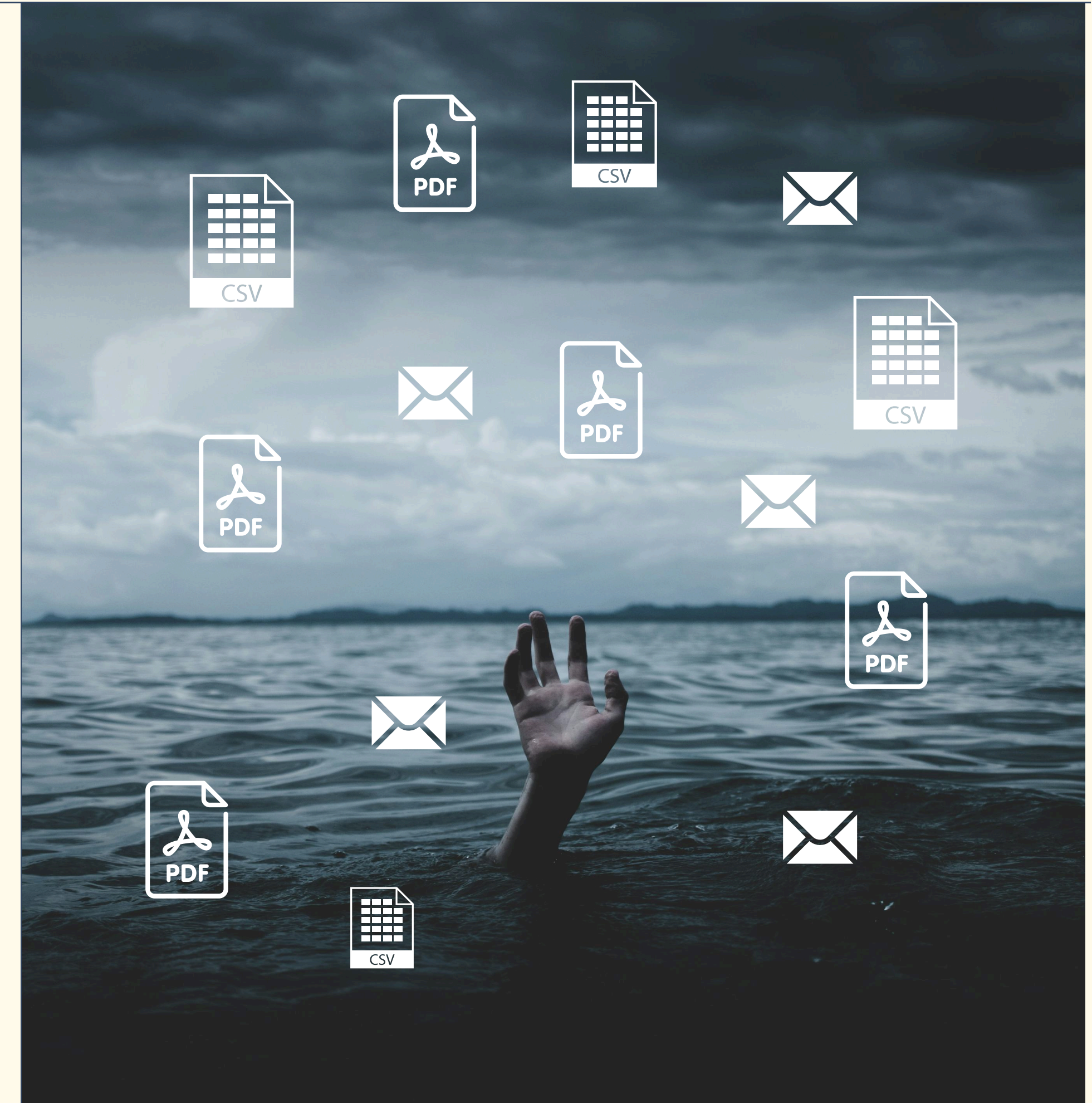


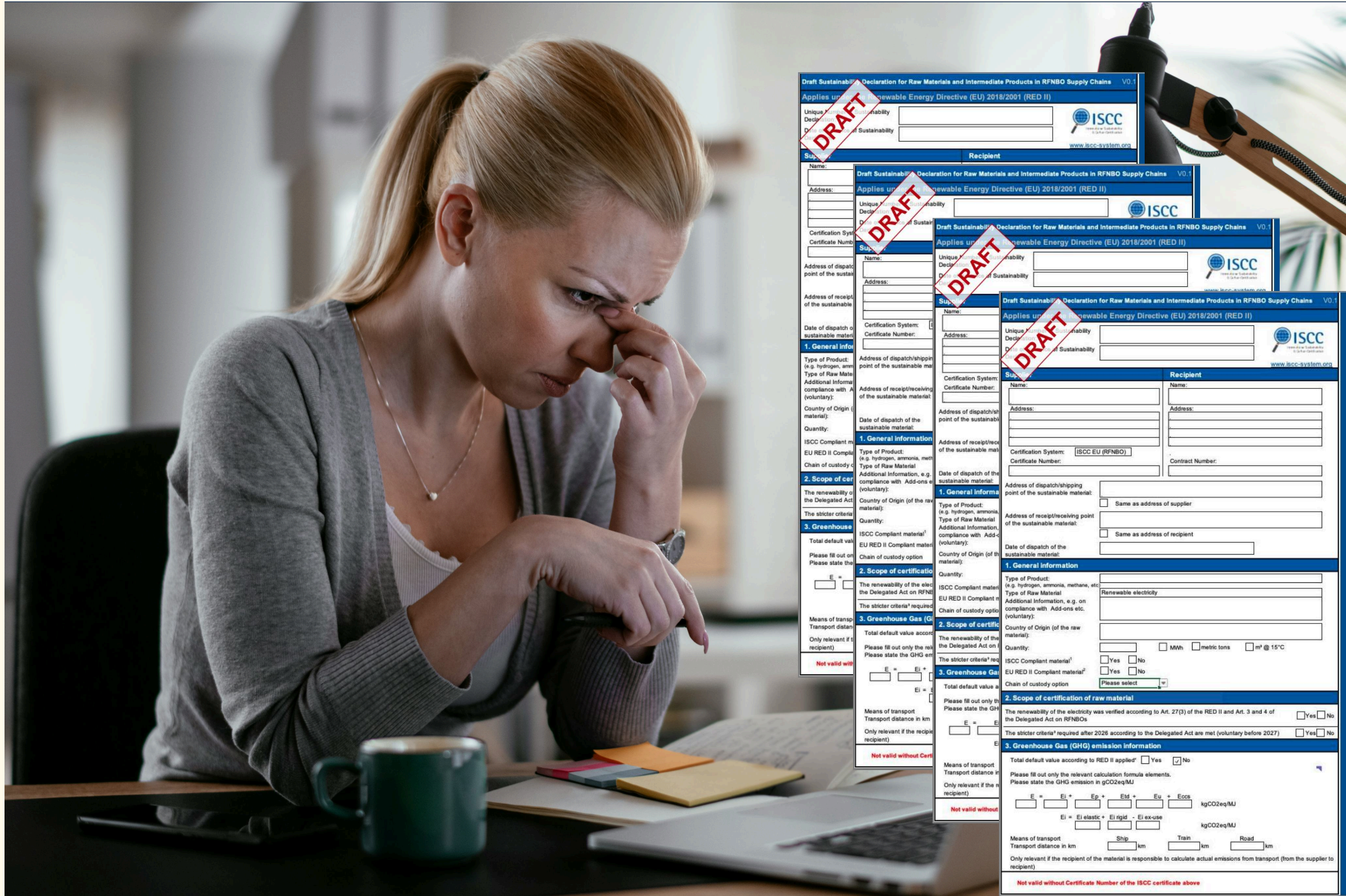


Data ingestion and processing requirements add complexity.

70000+

data points & files / site / year



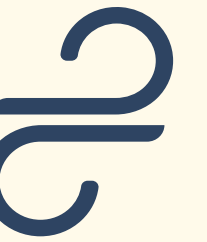


Create sustainability claims for every product. batch.

GHG calculation

4 Eye principle

Logistics



Transform thousands of evidences into auditable, verifiable claims.

Documentation

Reconciliation

Verification



The DIY Path

Complex & tedious

High maintenance

Data & tech intensive

The BIG4 Path

Extremely costly incl. maintenance

Knowledge loss to 3rd party

The Ideal Path

You are **confident** that your certification workflows are always on top of regulatory change.

Your supply chain and operations are **optimized** FOR sustainability before they even exist.

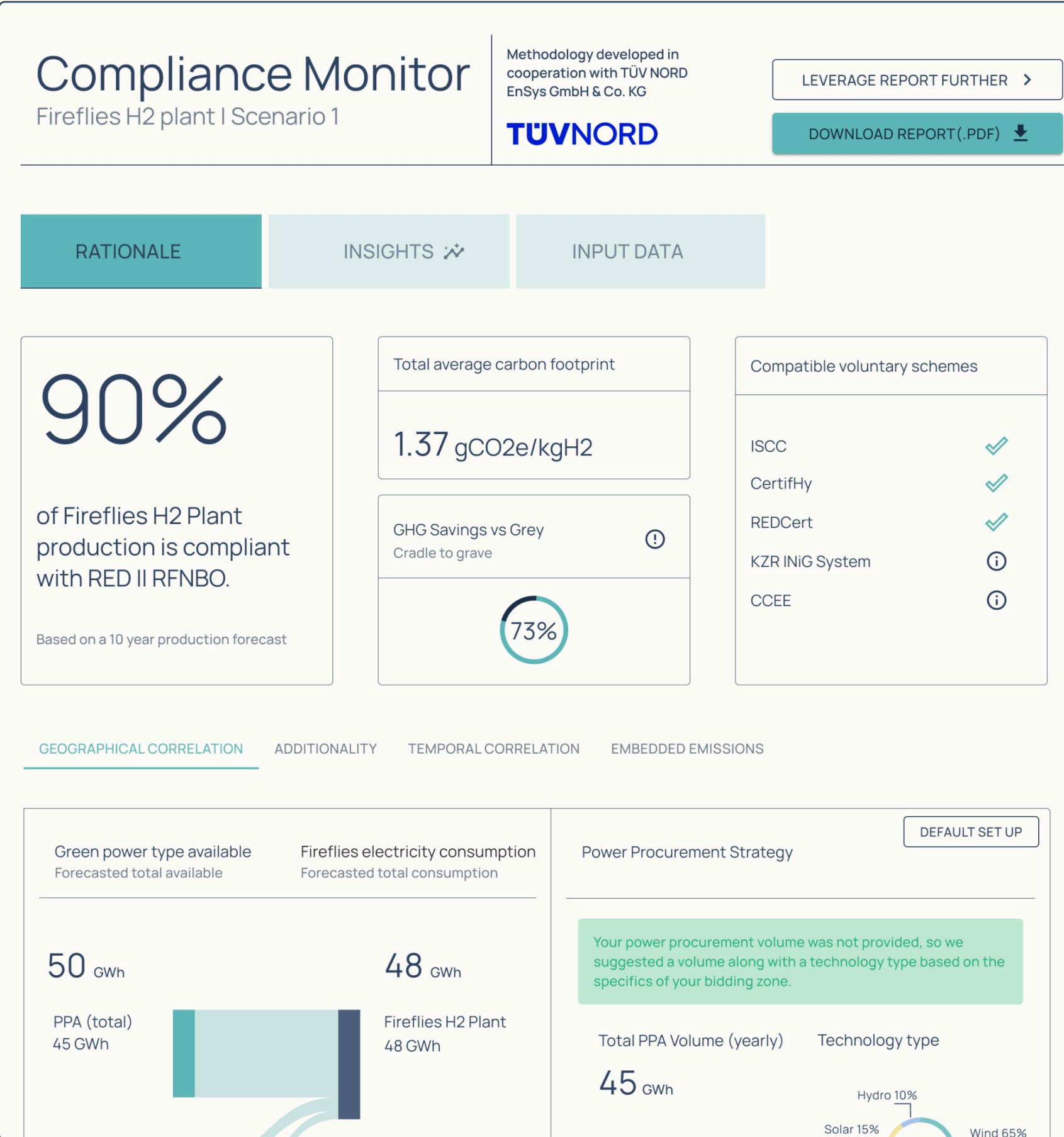
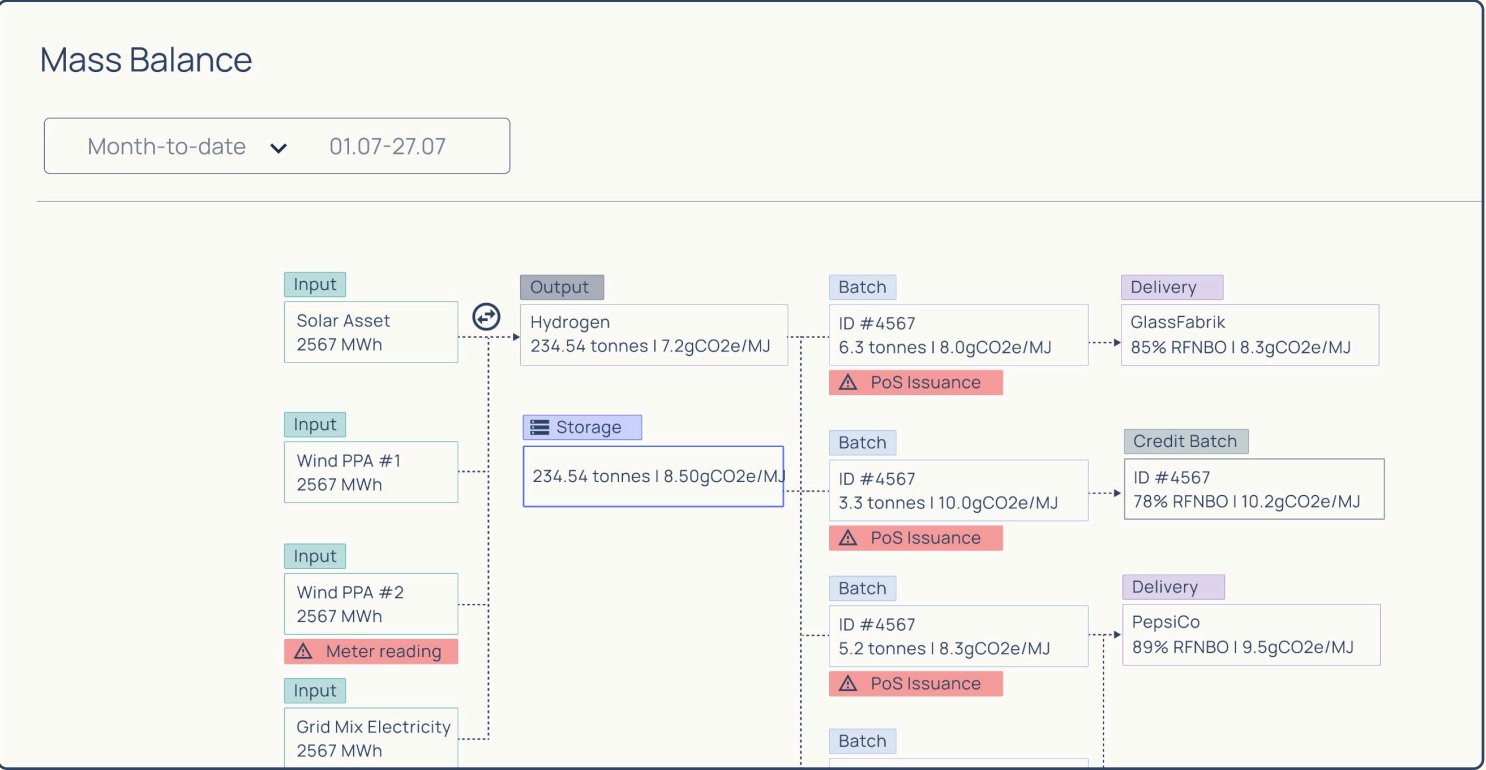
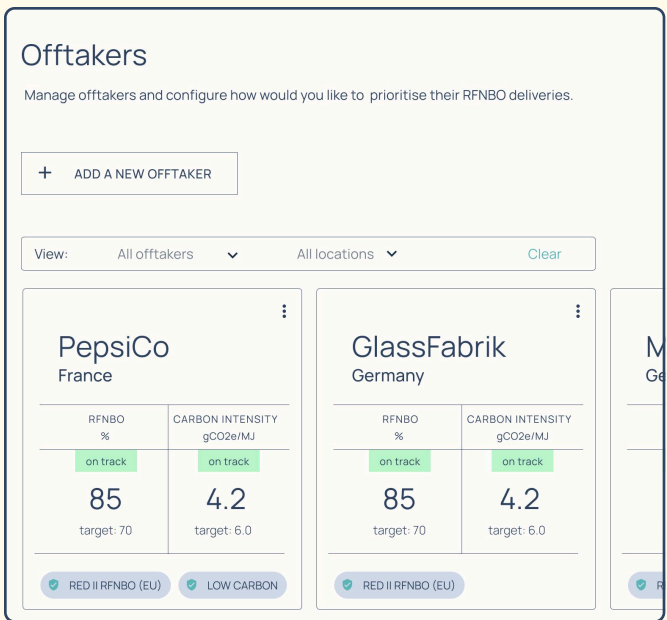
Compliance and certification don't rely on tedious work but are seamlessly **embedded** in your operations.



We built Atmen to be the first sustainability certification infrastructure layer.

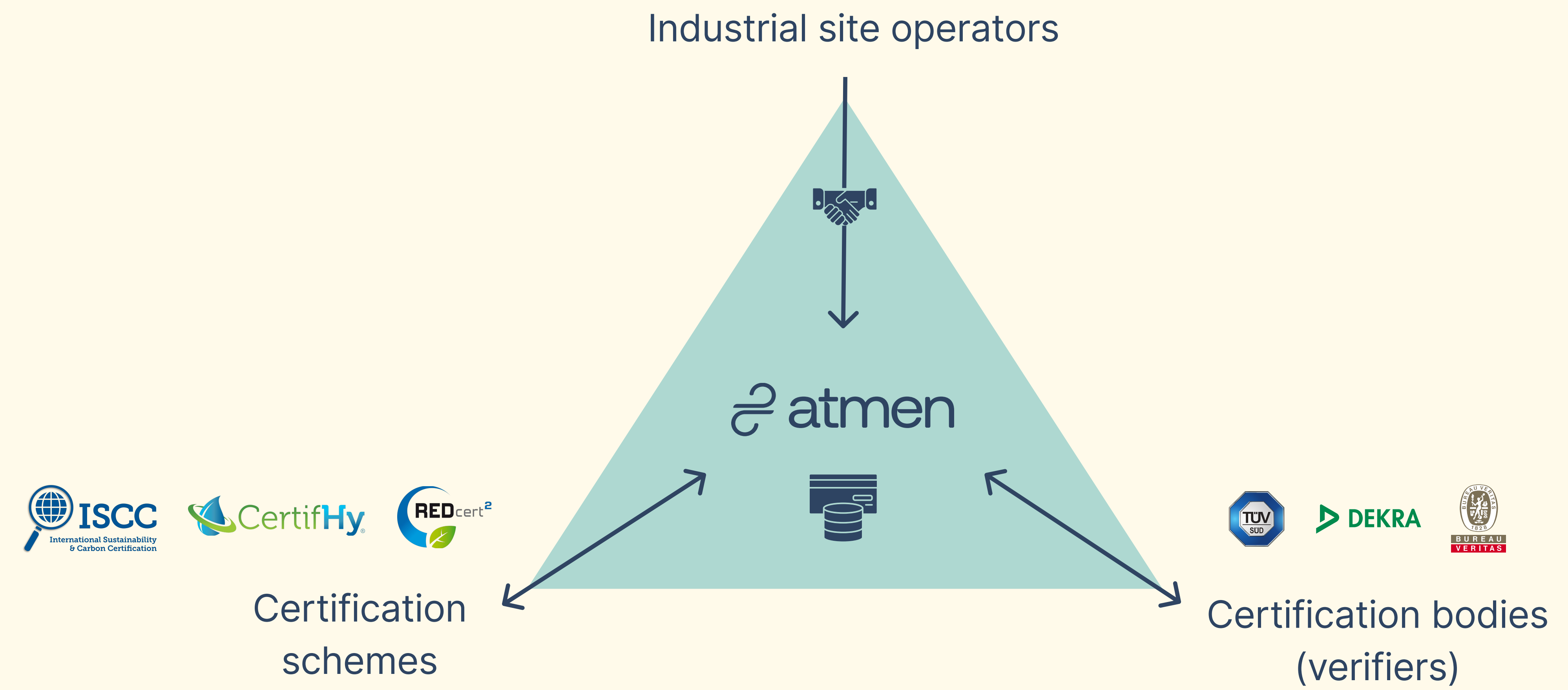
A software that **pulls industrial sites' operational data** and **ensures continuous sustainability certification**.

Intelligently. At scale.





Atmen eliminates friction, provides scalability, enables optimization.

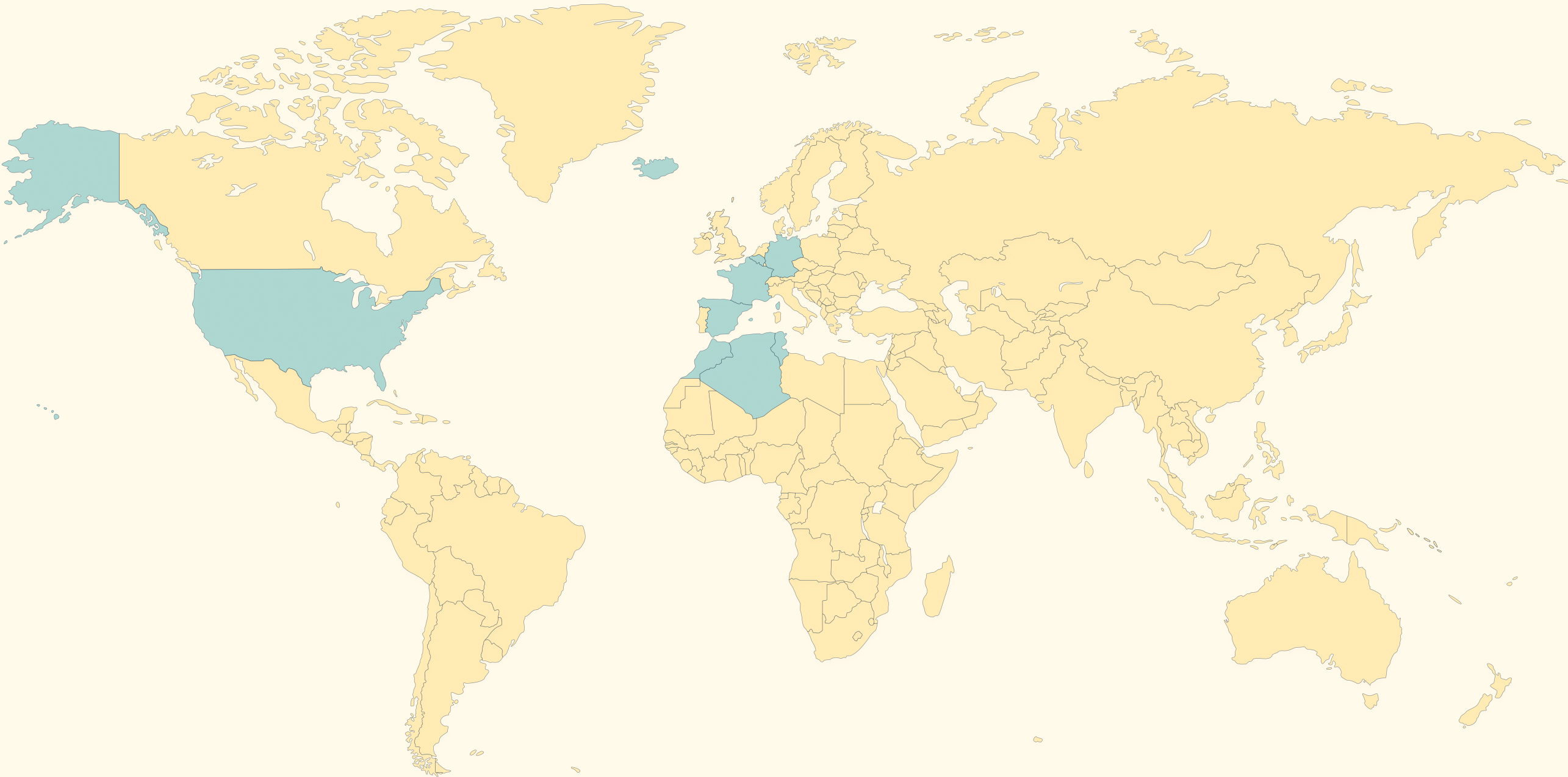




Atmen onboarded 20 supply chains across 9 countries

Compliance Modelling		
France Hydrogen, Aviation Fuel, Methanol	Tunisia Hydrogen, Ammonia	Iceland Hydrogen, Ammonia
Germany Hydrogen	Morocco Hydrogen, Ammonia	Spain Hydrogen, Methane
United States Hydrogen, Ammonia	Algeria Hydrogen, Ammonia	Belgium Hydrogen

Power Procurement Optimisation	Automate
Germany Hydrogen	France Hydrogen
Belgium Hydrogen	Spain Hydrogen, Methane
	Germany Hydrogen, Methane

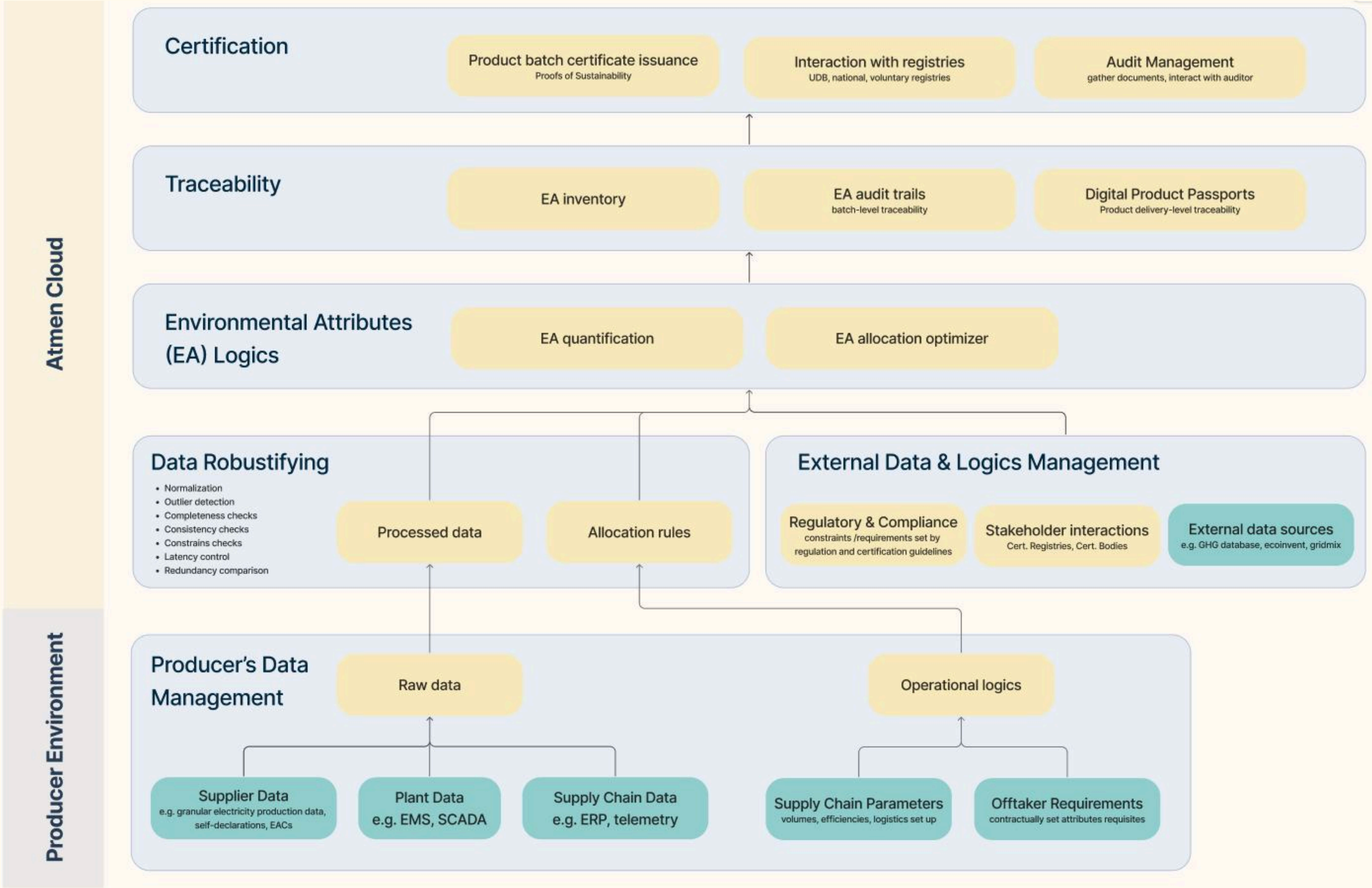


Certification bodies working with our customers:



Strategic partners







How Does it Work?

Offtakers

Manage offtakers and configure how you'd like to prioritise their RFNBO deliveries.

+ ADD A NEW OFFTAKER

View: All offtakers All locations Clear

PepsiCo

France

RFNBO %

on track

85

target: 70

CARBON INTENSITY gCO2e/MJ

on track

4.2

target: 6.0

RED II RFNBO (EU)

LOW CARBON

GlassFabrik

Germany

RFNBO %

on track

85

target: 70

CARBON INTENSITY gCO2e/MJ

on track

4.2

target: 6.0

RED II RFNBO (EU)

Mass Balance

Month-to-date 01.07-27.07

Input

Solar Asset

2567 MWh

Input

Wind PPA #1

2567 MWh

Input

Wind PPA #2

2567 MWh

Input

Meter reading

Input

Grid Mix Electricity

2567 MWh

Output

Hydrogen

234.54 tonnes | 7.2gCO2e/MJ

Storage

234.54 tonnes | 8.50gCO2e/MJ

Batch

ID #4567

6.3 tonnes | 8.0gCO2e/MJ

PoS Issuance

Batch

ID #4567

3.3 tonnes | 10.0gCO2e/MJ

PoS Issuance

Batch

ID #4567

5.2 tonnes | 8.3gCO2e/MJ

PoS Issuance

Batch

Delivery

GlassFabrik

85% RFNBO | 8.3gCO2e/MJ

Credit Batch

ID #4567

78% RFNBO | 10.2gCO2e/MJ

Delivery

PepsiCo

89% RFNBO | 9.5gCO2e/MJ

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Home

SHORTCUTS

Compliance Monitor

Company Overview

PRODUCTS

Pre-COD

Compliance Monitor

Green Power Procurement Optimisation

Virtual Certification Expert

Auditor RFP tool

Post-COD

Automate

Company Overview

Site management

Offtakers

Green Power Matching

Traceability

Audits

Support

Home / Automate / Audits

Audits

+ ADD AUDIT

AUDIT MANAGEMENTDOCUMENTSCONTROLS

Show: All sites All Statuses Clear

ISCC EU - RFNBO

Audit ongoing

VIEW AS AUDITOR

TÜV SUD

Noor HYDROGEN

Observation window: 10.10.2023 - 09.10.2024

November 11, 2024

Audit starts

February 11, 2025

Audit ends

Audit progress

0% evidence accepted

Not ready for audit (165)

Accepted by auditor (0)

Flagged by auditor (0)

Non-applicable (0)

Ready for audit (38)

ISCC EU - RFNBO

Auditor invited

VIEW AS AUDITOR

TÜV SUD

Aura HYDROGEN

Observation window: 01.01.2024 - 31.12.2024

February 10, 2025

Audit starts

April 12, 2025

Audit ends

Audit progress

0% evidence accepted

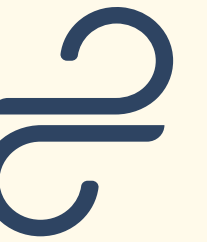
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1.

Technology-enabled attributes tracking is a **no brainer** for industrial companies to **future proof themselves**.

2.

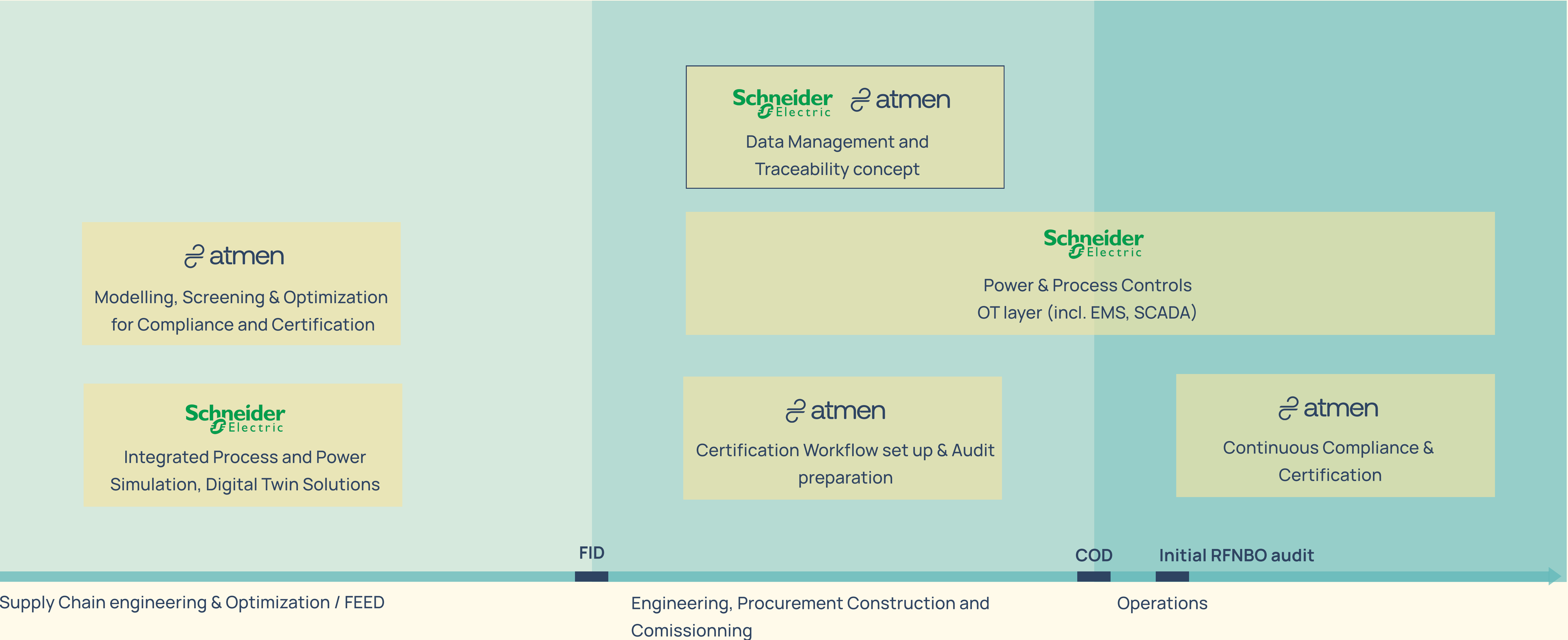
Certification challenges **aren't** just addressed by "A TECH". Up-to-date **regulatory and certification knowledge** are key.

3.

Certification quickly becomes an **optimization game**: how to optimally calibrate your supply chains to ensure market access and achieve offtaker goals, while minimizing LCOH? → **Start early**.



Solutions along the Power-2-X Project Development Lifecycle



atmen

Thank you!
Questions?

→ [Get in touch](#)

