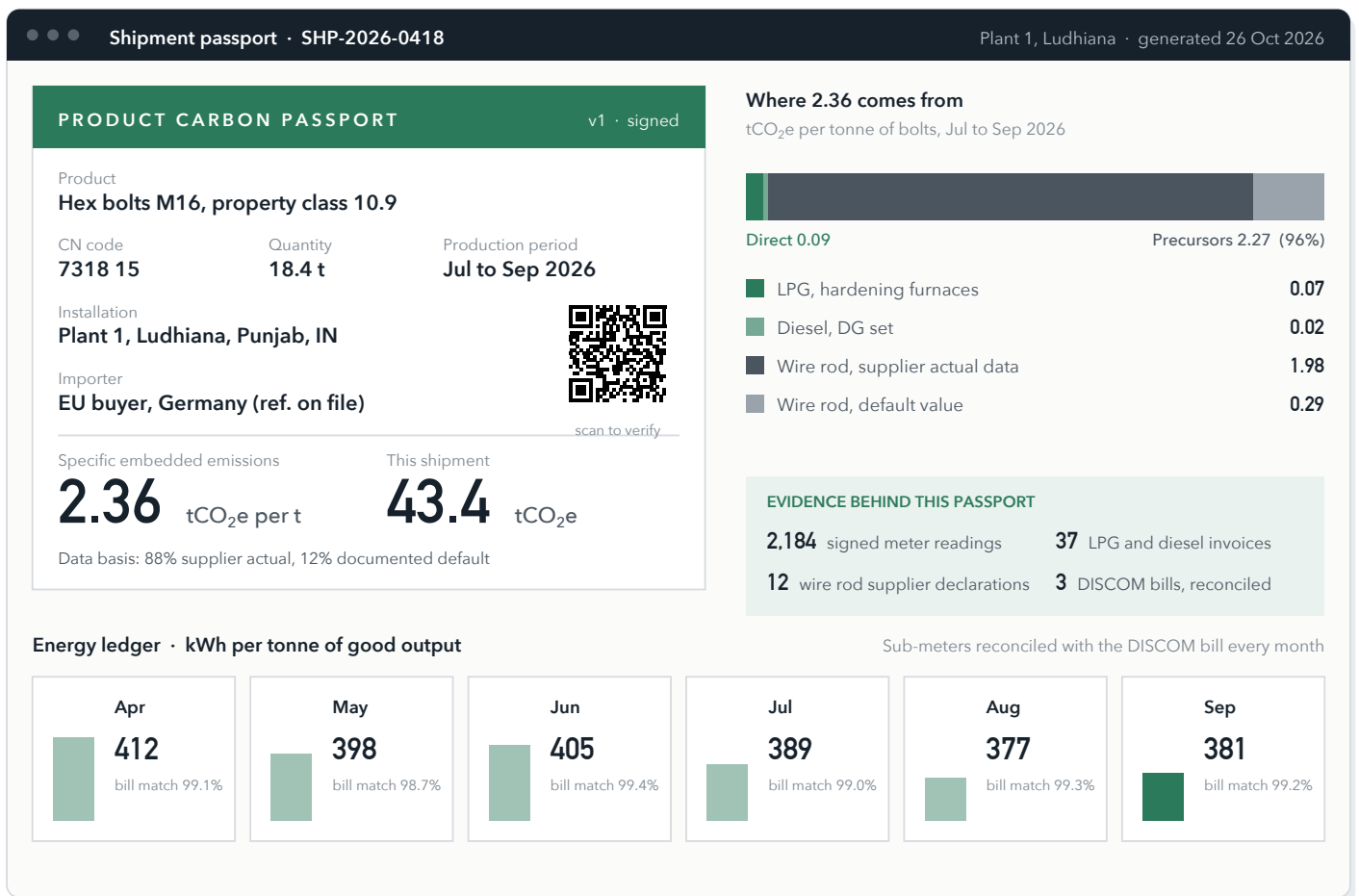


ENERGY · CARBON · CBAM · BEE AND CCTS

Carbon numbers your buyer can trust.

One energy and emissions ledger for your plant, built from meters and invoices. It produces the CBAM data your EU buyers need, a passport for every shipment, and the energy data for BEE and CCTS.



Measured, not guessed

Every figure traces to a meter reading, an invoice or a documented default. No AI-estimated emissions anywhere a buyer or verifier looks.

One dataset, every report

The same ledger feeds CBAM data for buyers, BEE energy audits, CCTS monitoring and the questionnaires your customers send.

Ready for the verifier

Readings are signed in the plant and linked to their source documents, so the verifier checks evidence instead of chasing it.

Dates that matter for EU exporters

CBAM certificates go on sale from 1 Feb 2027. The first annual declaration, covering 2026 imports, is due 30 Sep 2027. Without verified plant data, buyers use default values with a mark-up of 10% in 2026, 20% in 2027 and 30% from 2028, and they pass that cost back to you.

01 Compliance

Energy, carbon and export passports

02 Quality

Process fingerprint and golden window

03 Safety

Thermal watch and early fire alarms

04 Process

Downtime, cycle time, OEE, planning

Cloud or on-premise · read-only to your machines · buy only what you need

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Screens show an illustrative fastener plant in Ludhiana, Punjab. Emission figures are examples, not customer results or official default values. Regulatory dates as of Oct 2026; confirm before use. Names to be confirmed.

ILLUSTRATIVE PLANT

Fastener maker, Ludhiana, Punjab

High-tensile bolts and nuts · 4,800 t a year · CN 7318 15 and 7318 16

3

EU buyers

Germany, Italy, Poland

4

Wire rod suppliers

3 share actual data

2

Hardening lines

LPG-fired, metered

THREE JOBS THE MODULE TAKES OFF YOUR DESK

01

Three buyers, three questionnaires, one dataset

EU buyers in Germany, Italy and Poland

Each buyer sent its own spreadsheet asking for emissions per product, and the accounts team filled them by hand from bills and memory. Now every request is answered from the same ledger, using the EU communication template the buyers file with.

Every shipment carries a signed passport with a QR code. The buyer's numbers match the verifier's, because they come from the same records.

02

Wire rod is 96% of the number

Precursor data from 4 suppliers

For bolts made from bought wire rod, the steel mill's emissions dominate. The module sends a data request to every supplier, tracks replies, and records a documented default where none comes back.

Three suppliers shared actual data. The fourth is visible to purchasing as a default, with the carbon cost per tonne shown next to the price.

03

Energy audit data, ready before the auditor arrives

BEE / ADEETIE energy audit

24 months of DISCOM bills, diesel and LPG invoices were digitised, and the furnace meters have logged since April. The module gives energy per tonne per process, with the baseline the auditor needs.

The auditor gets a ready data pack. Site days go on measurements and savings, not on collecting old bills.

What the precursor share means

Wire rod by supplier · tonnes bought Jul to Sep

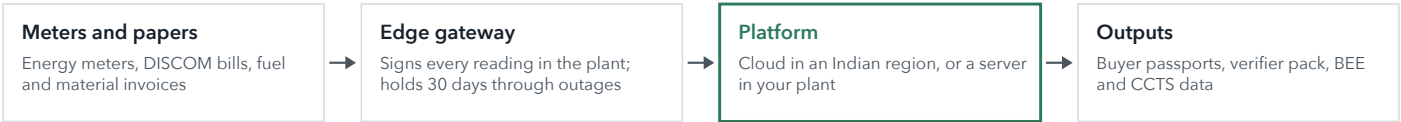
Supplier A	2,140 t	Actual
Supplier B	1,310 t	Actual
Supplier C	820 t	Actual
Supplier D	590 t	Default

Supplier D gave no emissions data, so its 590 t carry the documented default value. Purchasing sees the carbon effect of each supplier next to price and delivery, and can ask for actual data at the next contract.

CHOOSE YOUR FEATURES

☒ Data intake	Meters via gateway; bills and invoices uploaded	CORE
☒ Energy ledger	kWh per tonne, monthly bill reconciliation	CORE
☒ CBAM calculation	Embedded emissions per CN code	CORE
☒ Evidence vault	Every figure linked to its source	CORE
☐ Shipment passport	Signed PDF, machine-readable file, QR	OPTION
☐ Supplier requests	Precursor data, reminders, scorecard	OPTION
☐ BEE audit pre-pack	Baseline and energy per process	OPTION
☐ CCTS monitoring data	Emission intensity per tonne of product	OPTION
☐ Reduction what-if	Carbon and energy savings, shown apart	OPTION

HOW IT FITS TOGETHER



START WITH WHAT YOU HAVE

TIER 0 Bills and invoices Upload DISCOM bills and invoices. First CBAM figures from paperwork you already have.	TIER 1 Incomer + furnace meters Measured energy per furnace, reconciled with the bill each month.	TIER 2 Full process metering Energy and output per process and product line, all automatic.
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01 Compliance Energy, carbon and export passports	02 Quality Process fingerprint and golden window	03 Safety Thermal watch and early fire alarms	04 Process Downtime, cycle time, OEE, planning
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