FOR COMPANIES CERTIFIED UNDER ISCC, 4C AND OTHER SCHEMES

Keep your certificate. Cut the cost of proving it.

Evidence collected once at the source, sealed at every handoff and checked against every mandate before the auditor arrives.

Fuels & feedstocks walkthrough · swipe →

WHAT CHANGED

The question moved from "is the operator certified?" to "can you prove this consignment?"

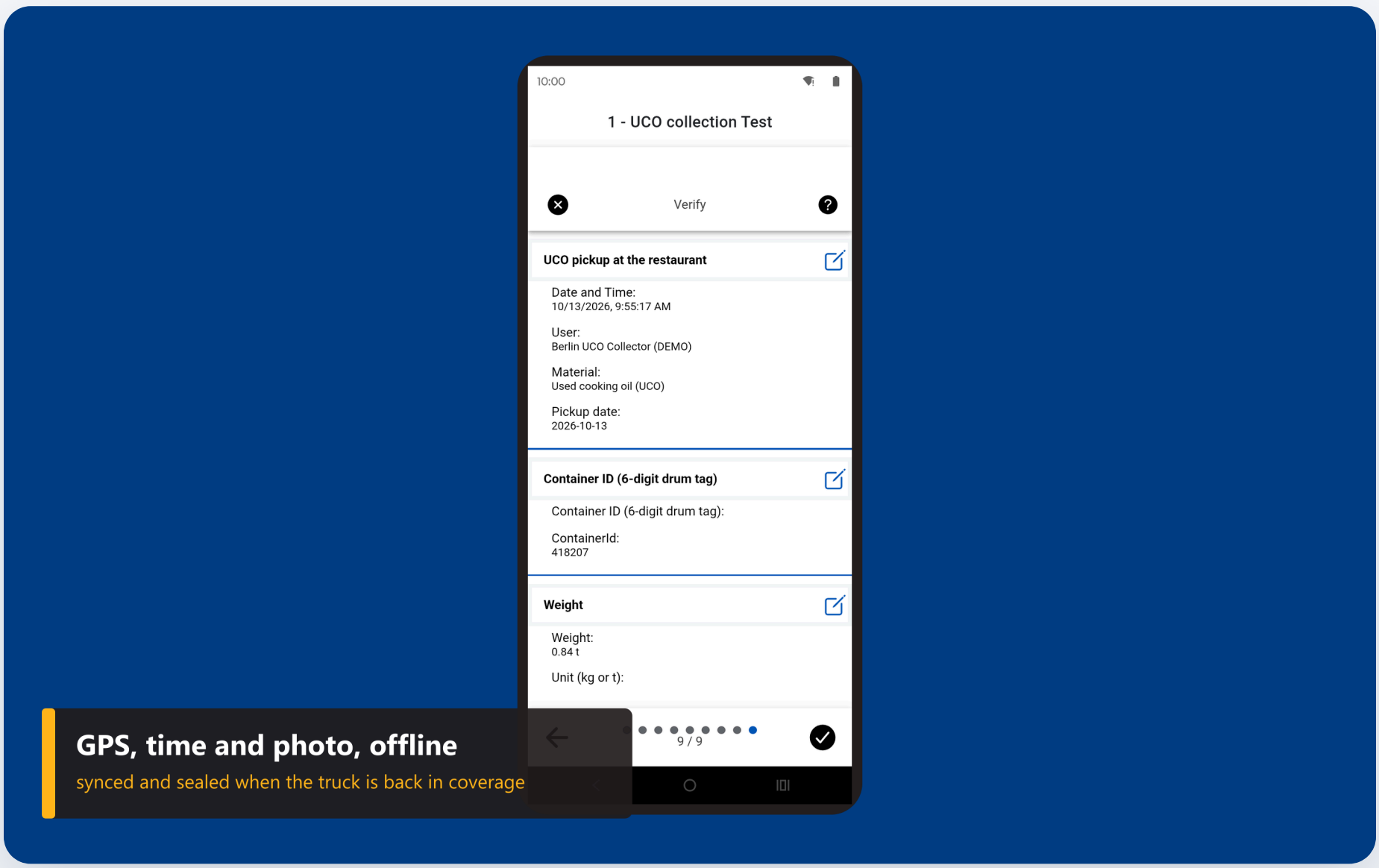
1. **One litre, six mandates.** The same renewable diesel is claimed under RED III, the German GHG quota, the UK RTFO, EUDR, US 45Z and CORSIA, each asking different questions.

2. **The weak link is the first mile.** The restaurant, the drum, the collection point: where the paper trail is thinnest and the risk is highest.

3. **Growth means new rulebooks.** Every new country, commodity or regulation is another set of obligations to read, map and audit.

1 · COLLECT ONCE, AT THE SOURCE

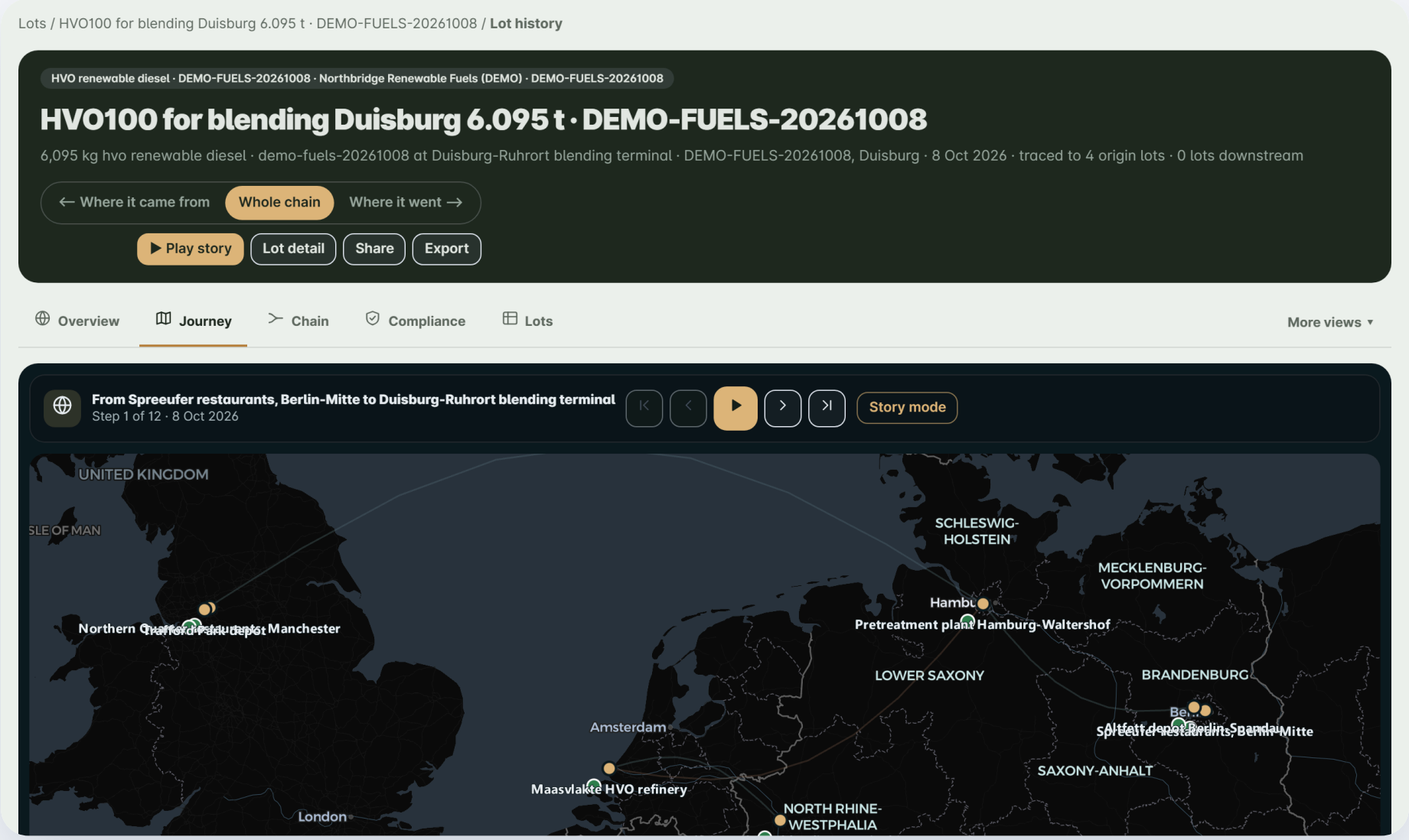
Container, tonnes, GPS, time and photo, captured on a phone, offline.



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2 · SEAL EVERY HANDOFF

Berlin and Manchester restaurants to Hamburg, Rotterdam and Duisburg: one chain, 12 sealed steps.



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3 · MASS BALANCE AT EVERY STAGE

No stage claims more than went in, checked in tonnes, lot by lot.

Claimed output never exceeds sustainable input (tonnes) Art 30(1)–(2); IR 2022/996 Art 15, Art 19(2)(l) ↗	Stages	Met	4 of 4 transform stage(s) claim no more than their input (+1 %) · Altfett depot Berlin-Spandau · DEMO-FUELS-20261008: claimed 3.62 t from 3.62 t input (100 %) · Trafford Park depot · DEMO-FUELS-20261008: claimed 4.11 t from 4.11 t input (100 %) · Pretreatment plant Hamburg-Waltershof · DEMO-FUELS-20261008: claimed 7.343 t from 7.73 t input (95 %) · Maasvlakte HVO refinery · DEMO-FUELS-20261008: claimed 6.095 t from 7.343 t input (83 %)	–

Restaurant pickups to HVO at the blender: 16 lots upstream, 4 transform stages, each one checked against RED III Art 30 and the 2022/996 rules.

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4 · HOLD IT BEFORE IT IS BLENDED

480 t of used cooking oil offered with no collection-point evidence. Held.

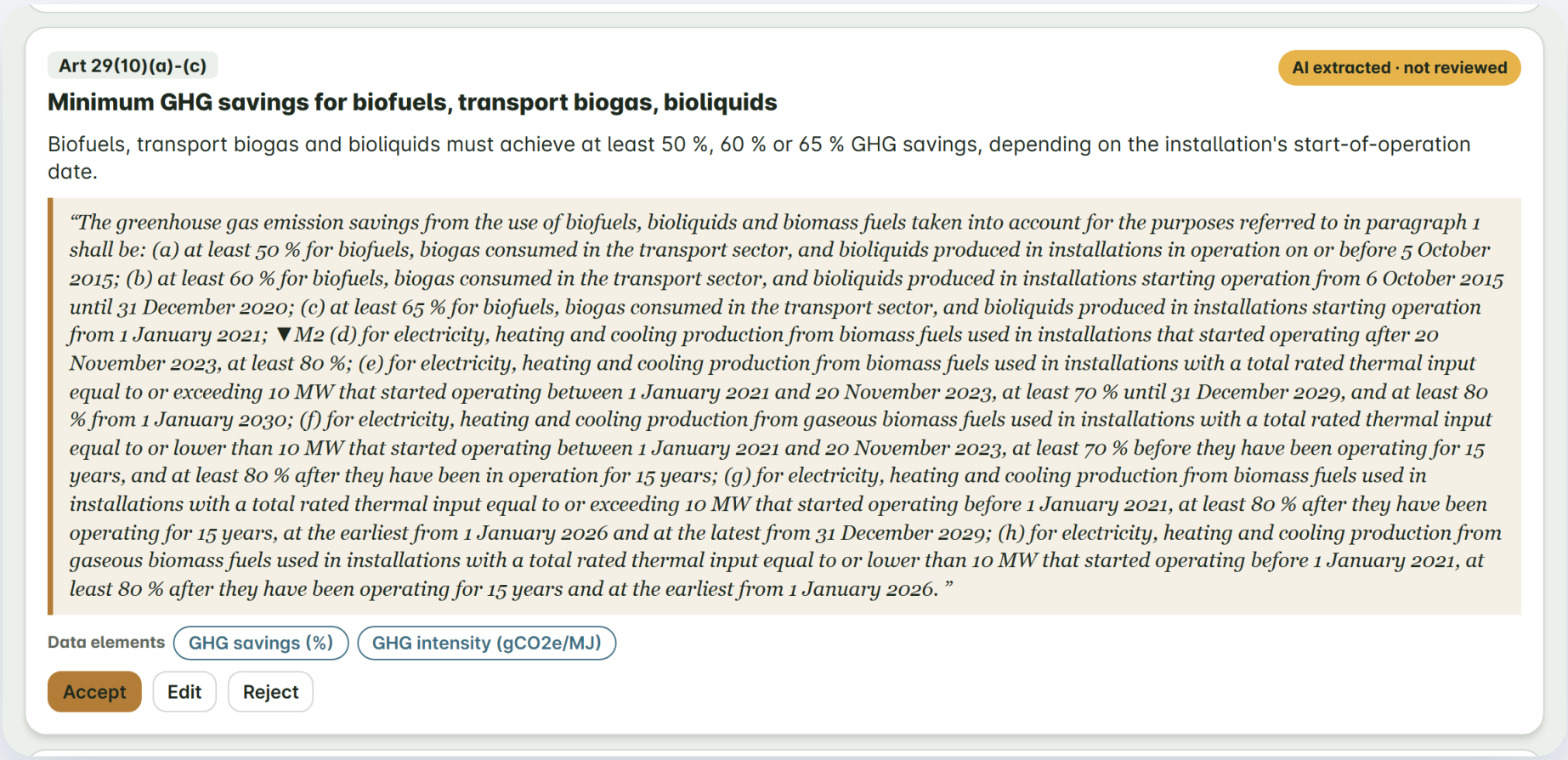
Waste traced to its point of origin and collection point Art 29(1), fourth subpara; Art 2 definitions of 'waste' and 'residue'; IR 2022/996 Art 21(2)–(4) ↗	Waste	Missing	0 of 1 lot(s) carry CollectionPointId / SourceSiteId · UCO offer Hanse Altfett Trading 480 t (HOLD) · DEMO-FUELS-20261008: no CollectionPointId / SourceSiteId	UCO offer Hanse Altfett Trading 480 t (HOLD) · DEMO-FUELS-20261008

The gap is visible on the lot, before an auditor samples it and before the claim is filed.

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5 · AI READS THE REGULATION

Every obligation quotes its article. An analyst accepts each one.



A new regulation or scheme revision becomes reviewed requirements mapped to data, not a new spreadsheet.

6 · ONE DATA SET, SIX MANDATES

41

data elements satisfy all six,
instead of **92** collected separately.

RED III, Germany GHG quota, UK RTFO, EUDR, US §45Z credit and CORSIA eligible SAF share 1 data element (2%). Collected once, 41 elements satisfy all of them instead of 92.

2%	41	9	19
overlap: 1 of 41 data elements are needed by all 6	data elements to satisfy all 6 (vs 92 collected separately)	the system creates	the company provides

With four or more regulations the bands show the overlap. Use up to three for the circle view.

HOW WIDELY EACH ELEMENT IS NEEDED

Needed by all 6	1
Needed by 5 of 6	4
Needed by 4 of 6	5
Needed by 3 of 6	5
Needed by 2 of 6	5
Needed by one only	21

PAIRWISE COVERAGE

DATA OF ↓ COVERED BY →	RED III	Germany GHG quota	UK RTFO	EUDR	US §45Z credit	CORSIA eligible SAF
RED III	—	72%	72%	39%	17%	50%
Germany GHG quota	87%	—	80%	33%	27%	53%
UK RTFO	87%	80%	—	33%	27%	53%
EUDR	30%	22%	22%	—	9%	26%
US §45Z credit	33%	44%	44%	22%	—	67%
CORSIA eligible SAF	75%	67%	67%	50%	50%	—

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7 · SAME LOT, DIFFERENT ANSWERS

Brazilian soy-oil SAF: evidence held for CORSIA, a gap for US 45Z.

it is not counted as met or missing.

US §45Z credit — Gap

26 U.S.C. §45Z as amended by Pub. L. 119-21; Notice 2026-53

5 requirements · 3 open items

Tier: Submit · fuel sold by 31 Dec 2029

US Congress; US Department of the Treasury / Internal Revenue Service (DOE publishes 45ZCF-GREET) · §45Z(a) amount and SAF definition; (b) emissions factor and rate, (b)(1)(B)(iv) ILUC excluded; (d)(5) transportation fuel at most 50 kg CO2e/mmBTU; (f)(1) registration, SAF certification, US production, feedstock produced or grown in the US, Mexico or Canada. Regulations still proposed (not final) on 2026-10-08 Source ↗

CORSIA eligible SAF — All met

ICAO CORSIA eligible fuels (Docs 03-07)

5 requirements · all met

Tier: Evidence · SAF produced from 1 Jan 2024

International Civil Aviation Organization (ICAO Council) · Doc 05 Themes 1–14 (Criterion 1.1: at least 10 % below 89 gCO2e/MJ); Doc 04 approved SCSs (4th ed., 22 Jun 2026); Doc 03 Table 3 traceability; Doc 06 Tables 2 and 8 default values; Annex 16 Vol IV not read (paid publication) Source ↗

Each mandate checked against the same chain, with the source cited on every card.

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HOW WE HELP

Save time and effort on your compliance work.

1. **Collect it once.** 41 data elements answer six mandates, instead of 92 collected separately.

✓ **A complete regulation readiness check:** RED III, national quotas, RTFO, EUDR, §45Z and CORSIA, plus the ISCC and 4C requirement sets, lot by lot.

✓ **Keep your certificate.** Your scheme and auditor stay; the work around them shrinks.

Contact us: bext360.com/showcase/renewable-fuels

Demo data, real platform. 10 years tracing supply chains.