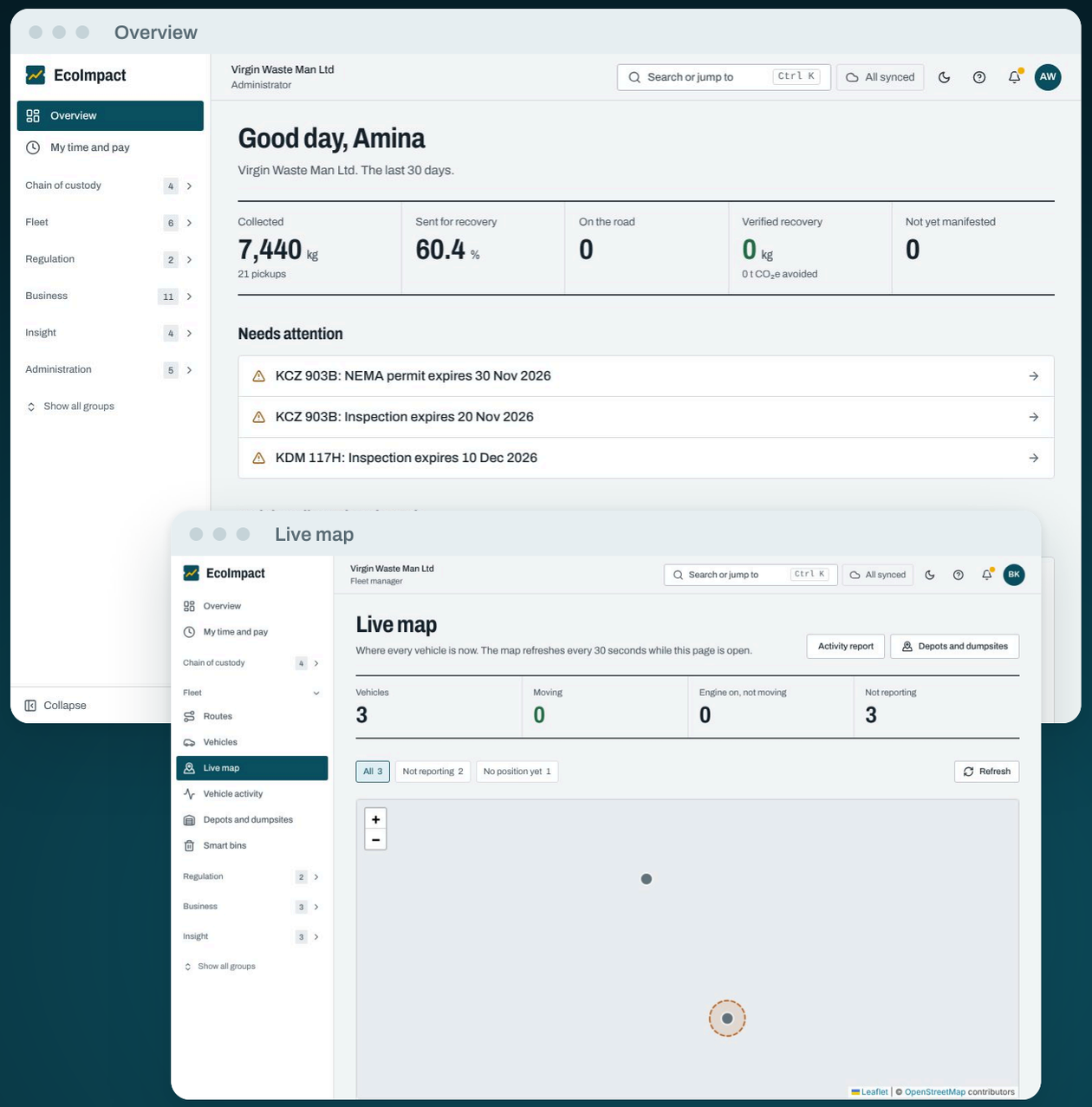
COLLECT · TAG · WEIGH · PROCESS · VERIFY · REPORT

# Every kilogram of waste, on the record.

EcoImpact gives each load a digital record from the kerb to the recycler. The last step is confirmed by someone other than the person who wrote the earlier ones, so the figures can be trusted by the people who pay for them, regulate them and report on them.

**One platform** for collectors, recyclers, counties, producers, funders, clients and residents

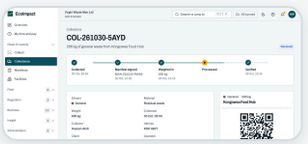
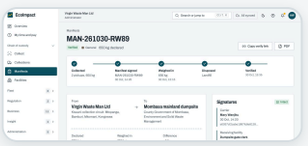
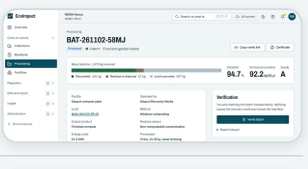
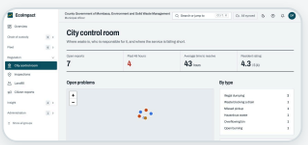
Kisauni pilot, Mombasa · Demonstration · November 2026




All screens are from the working system, loaded with invented demonstration data. Names, figures and places are illustrative.

Start here · The problem and the answer

# Waste is collected every day. Proof of where it went is rare.

| BEFORE | WITH THE SYSTEM | | |
|---|---|---|---|
| Paper and self-reported records | A digital record for every load, with a QR tag anyone can check | Pages 4, 8 |  |
| Weights nobody can compare | Pickup weight set against the weighbridge, on a signed manifest | Page 4 |  |
| Claims nobody checks | An independent reviewer verifies each batch before it counts | Page 8 |  |
| Counties without a live view | City control room, citizen reports, landfill and licensing together | Page 9 |  |
| Producers and funders paying on claims | Targets, fees and payments follow verified weight | Page 10 |  |
| Sustainability claims nobody can compare | An eco rating and ESG score worked out from the records, with a certificate anyone can check | Page 11 |  |
| Trucks and pickups that cannot be matched | Live tracking, replay, and each pickup checked against the truck | Pages 6, 7 |  |

All screens are from the working system, loaded with invented demonstration data. Names, figures and places are illustrative.

Start here | Who uses it

# Eight kinds of people, one system.

Each person signs in and sees only what their role allows. Every query is scoped to their organisation; regulators read across organisations.

### Collection companies
**Pick the waste up**

Record pickups on a phone, plan routes, track vehicles, invoice by M-Pesa, and show an eco rating and ESG score.

Pages 4–7, 11

### Recyclers
**Process it**

Weigh in loads, record what was recovered, earn credits and an eco rating.

Pages 8, 11

### Counties and NEMA
**Oversee it**

Watch the city, license, inspect, and verify batches independently, and compare organisations.

Pages 8, 9, 11

### Producers and PROs
**Owe recovery targets**

Declare, hold or buy credits, and see the fee for any shortfall.

Page 10

### NGOs and funders
**Pay on proof**

Pay informal collectors on verified weight and follow outcomes.

Page 10

### Clients
**Get served**

Pickups, M-Pesa invoices and impact in a portal of their own.

Page 12

### Residents
**Report problems**

Report with a location, follow it to a fix, earn points.

Page 12

### Anyone
**Check a record**

Check a tag, manifest, invoice or report with no account.

Page 4

## One record per load, seen from every side of the chain.

# From the kerb to a checkable record, in one system.

## 1 Record

A collector records the pickup on a phone, with or without signal.

## 2 Tag and track

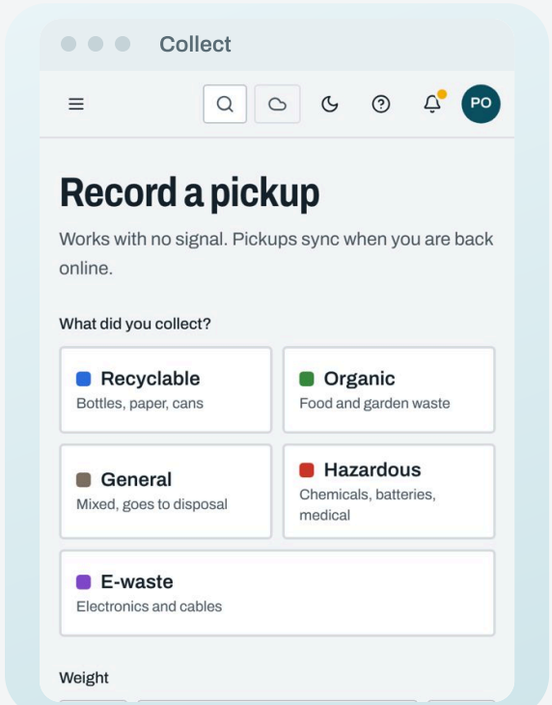
A QR tag is attached and the pickup is logged with its place and time.

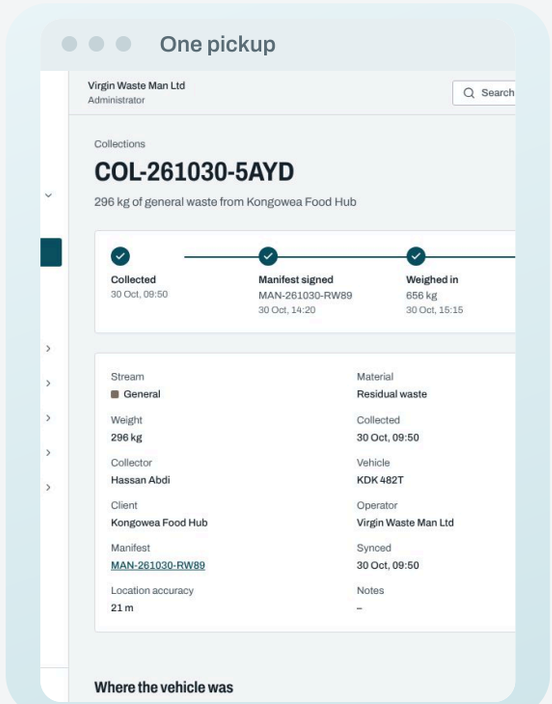
## 3 Sign and weigh

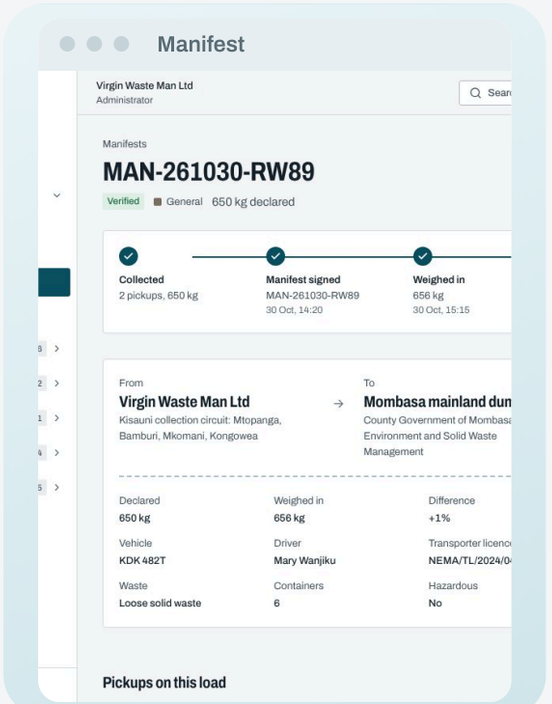
A signed manifest travels with the load; the weighbridge sets weight against the claim.

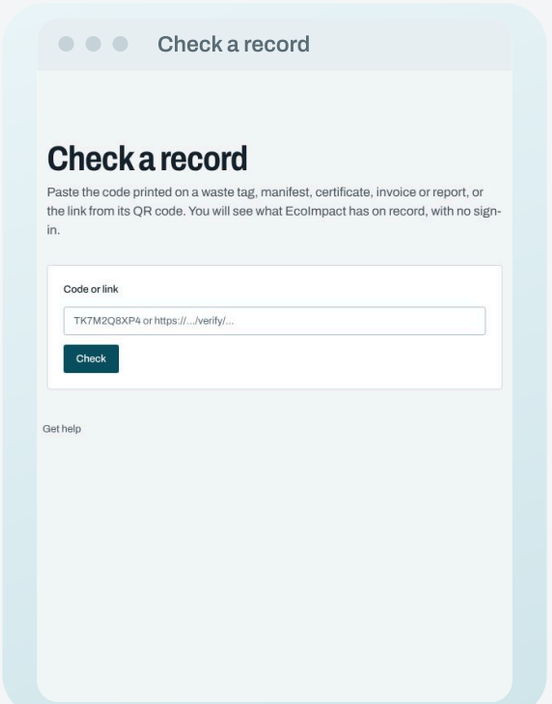
## 4 Check

Anyone can check a tag, manifest or report on the public page.




**After the independent verification on page 8, the record is closed and anyone can check it.**

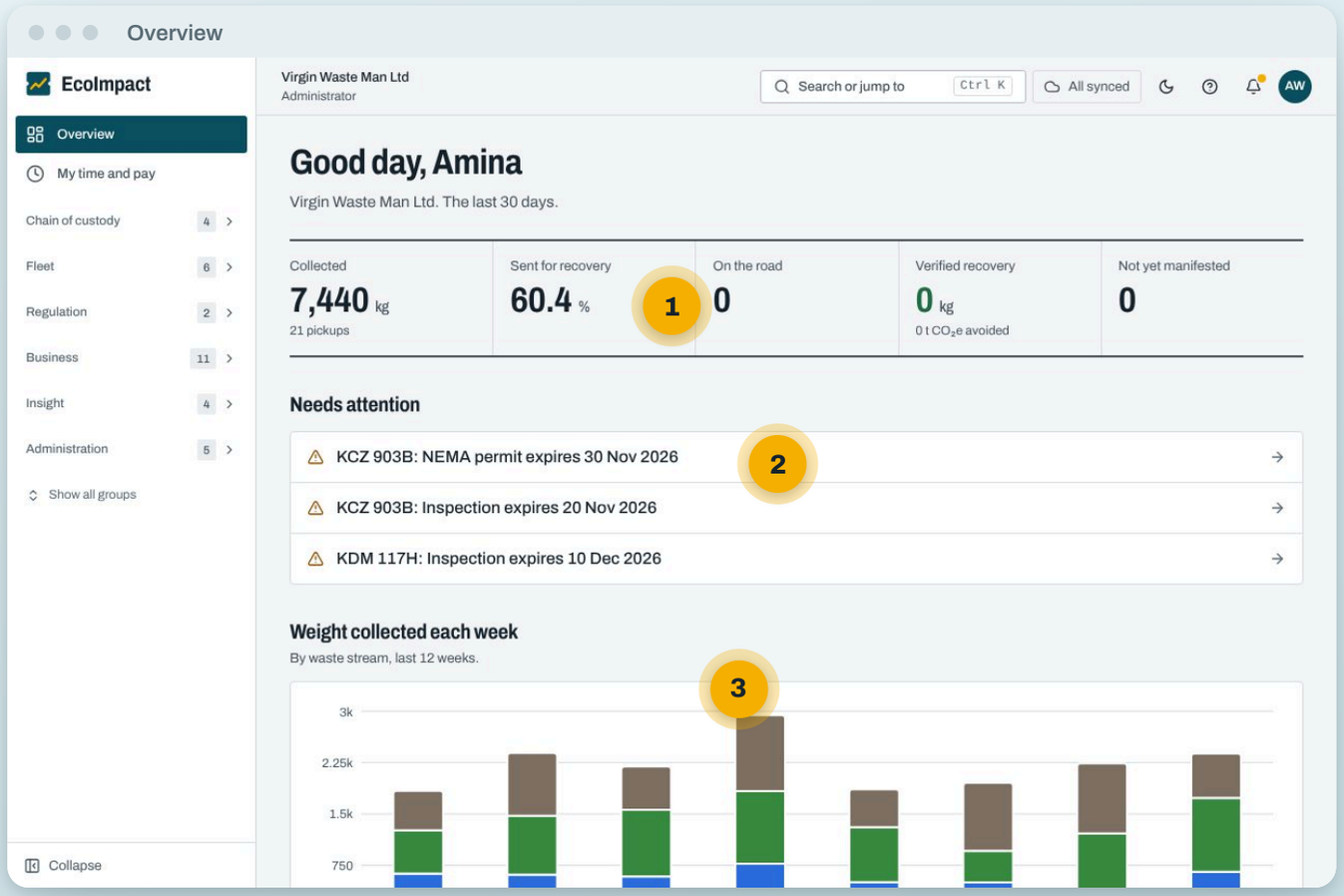
All screens are from the working system, loaded with invented demonstration data. Names, figures and places are illustrative.

# One page that answers “how is the business today?”

The collection company’s overview opens on the last 30 days and points at what needs doing.

1. **Headline numbers:** kilograms collected, share sent for recovery, loads on the road and verified recovery.
2. **Needs attention:** permits and inspections about to expire, so nothing lapses quietly.
3. **Weekly weight** by waste stream, over twelve weeks.

- **The rest of the menu:** collections, manifests, routes, smart bins, clients, M-Pesa invoices, accounts, payroll and inventory.

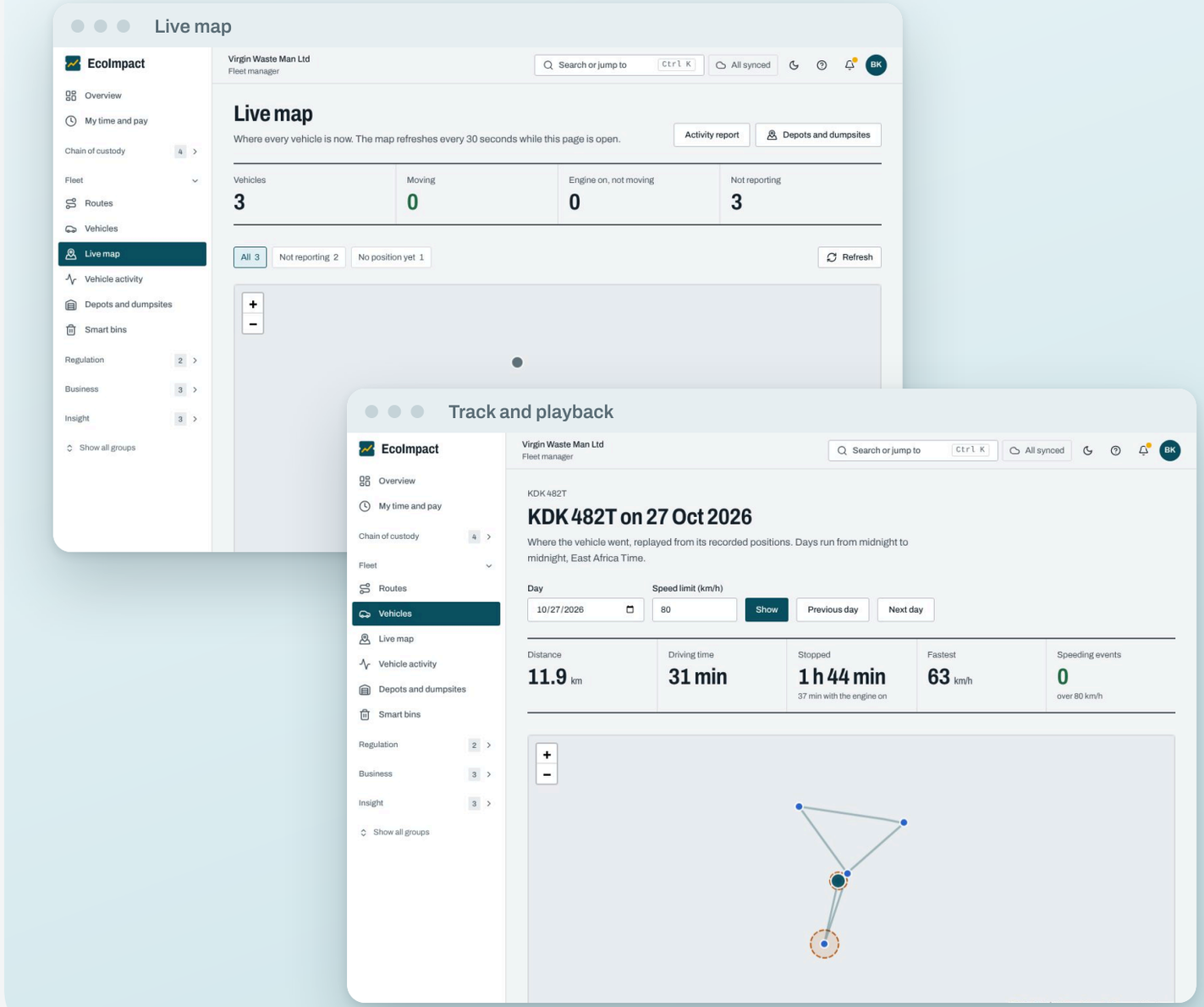



All screens are from the working system, loaded with invented demonstration data. Names, figures and places are illustrative.

# See every truck now, and replay any day.

Trackers on the vehicles, or the driver's phone, send positions to EcoImpact, which keeps the history.

- **Live map:** moving, engine on, stopped or not reporting, refreshed every 30 seconds, with depots and dumpsites as circles.
- **Replay:** a time slider with play, pause and speeds from 1 to 25 times, and stops and speeding that jump to the moment.
- **Reports:** distance, driving time, stops, engine-on while stopped, speeding and time at depots and dumpsites, as CSV.
- **Also in fleet management:** vehicle papers and running costs, routes ordered to cut kilometres, and full smart bins sent to a route.




**A key per device keeps positions safe; a resent position is never counted twice.**

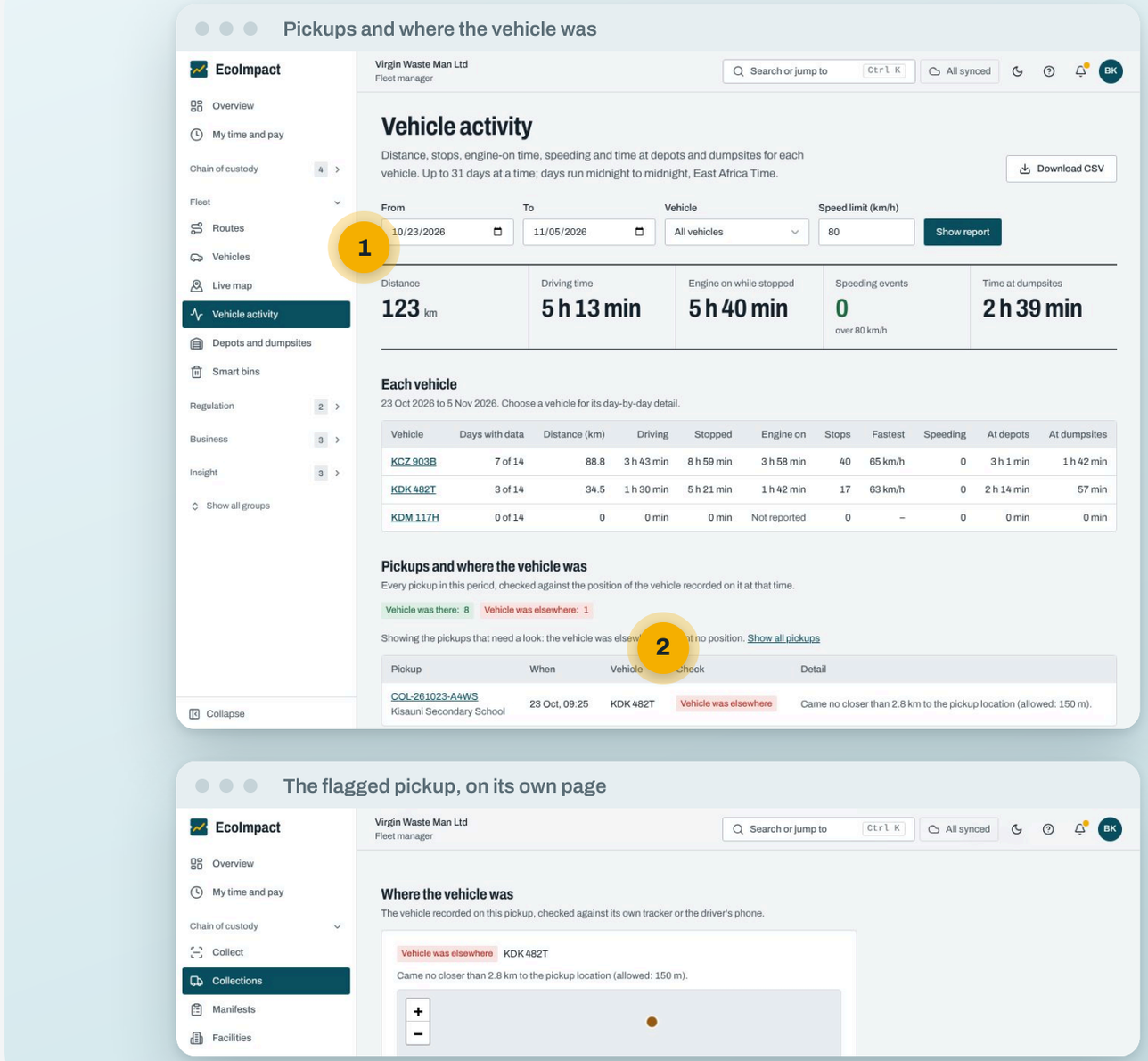
All screens are from the working system, loaded with invented demonstration data. Names, figures and places are illustrative.

# Each pickup is checked against where the truck was.

The check looks at the truck's position within 15 minutes of the recorded time.

1. **Most pickups:** "Vehicle was there", within the allowed distance of the pickup place.
2. **One flagged:** "Vehicle was elsewhere", with how close it came and the allowed distance.

- **Also on each pickup's page,** with a link to replay the truck's day.




**A flag is a prompt to ask a question, not proof: a weak GPS signal looks the same.**

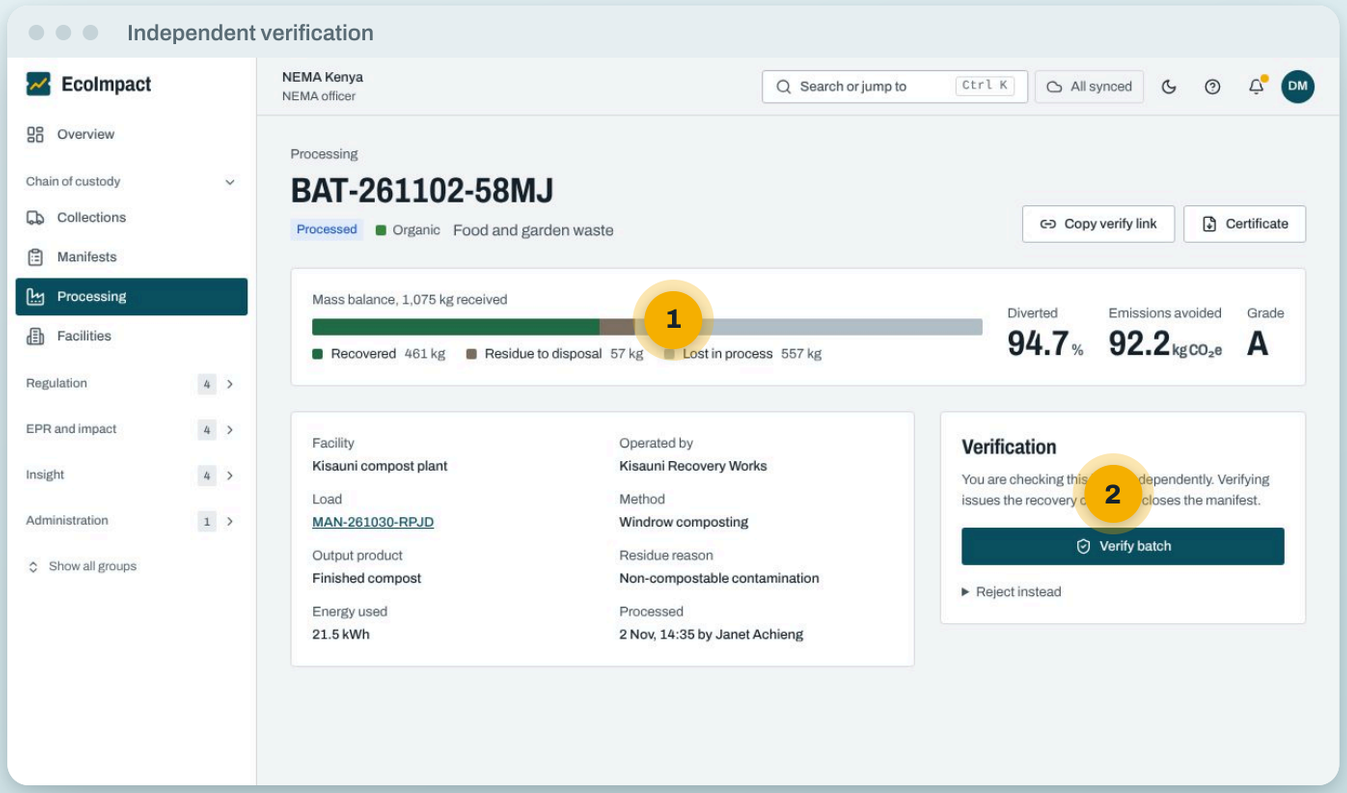
All screens are from the working system, loaded with invented demonstration data. Names, figures and places are illustrative.

# The last step is confirmed by someone else.

Recyclers weigh loads in and record what happened. A regulator or county officer then checks the batch.

1. **Mass balance:** what was recovered, what went to disposal, what was lost in process.
2. **Verification:** verifying issues the recovery credit and closes the manifest; rejecting needs a reason.

- **Public certificate:** each verified batch has a link anyone can check.



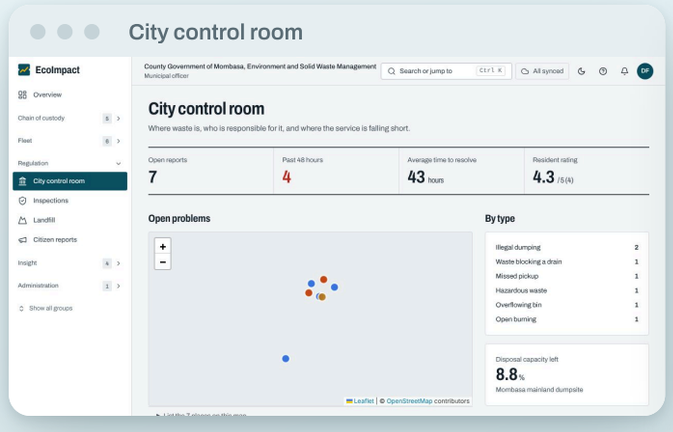

- **The verifier is not the author of the record. That is what makes the figure trustworthy.**

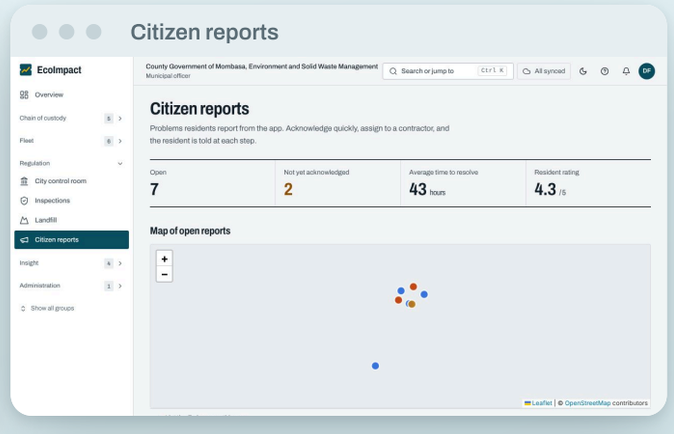
All screens are from the working system, loaded with invented demonstration data. Names, figures and places are illustrative.

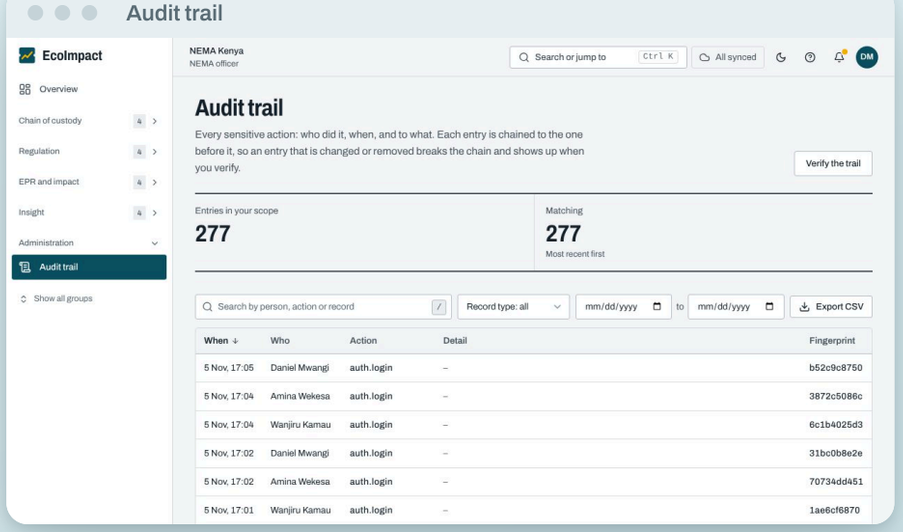
# The county sees the whole service.

Municipal and regulator screens read across organisations, so the service can be managed as a whole.

- **Control room:** open problems on a map, wait times and resident rating.
- **Citizen reports:** acknowledged, assigned to a contractor and followed to a fix.
- **Audit trail:** every sensitive action is chained to the one before; one click re-checks the chain.
- **Also:** landfill capacity and readings, licensing and a public licence register.



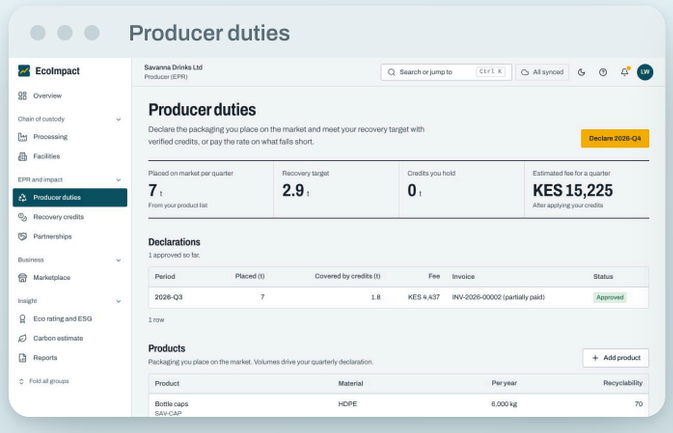



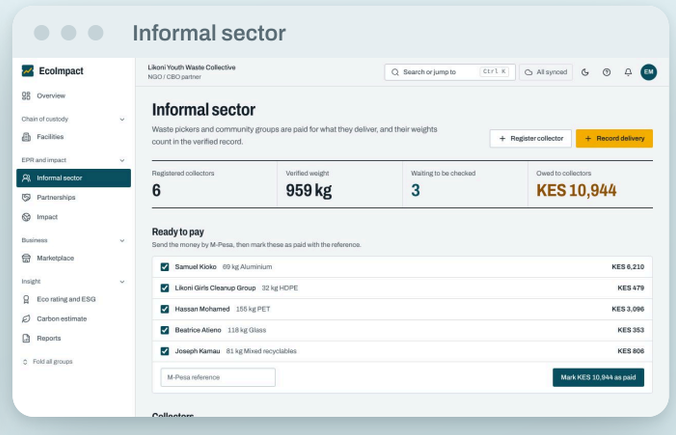

All screens are from the working system, loaded with invented demonstration data. Names, figures and places are illustrative.

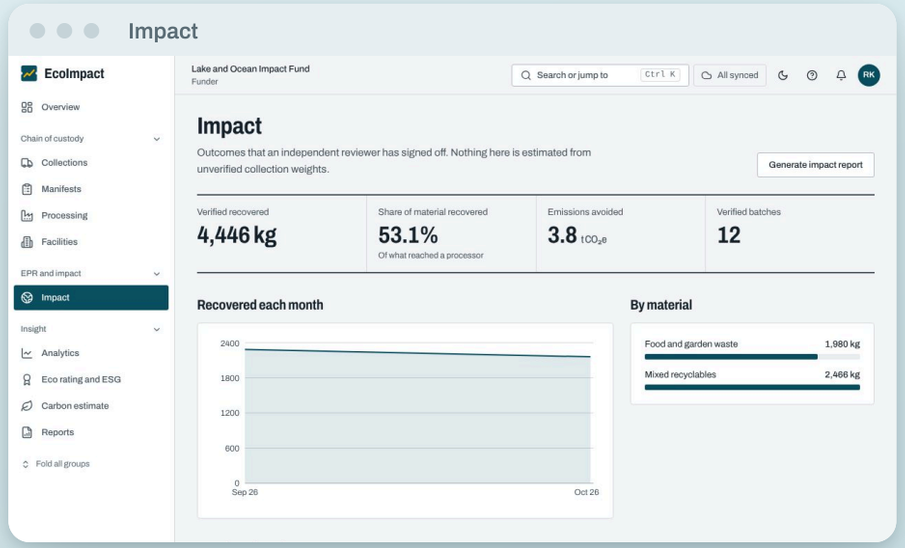
# Targets, fees and payments follow verified weight.

Producers, NGOs and funders act on what was verified, not on what was claimed.

- **Producers:** declare what they place on the market, hold or buy credits, and see the fee for any shortfall.
- **NGOs:** select the collectors to pay, send M-Pesa payments and mark them paid with the reference.
- **Funders:** see verified kilograms and emissions avoided, and publish a report with a public check link.



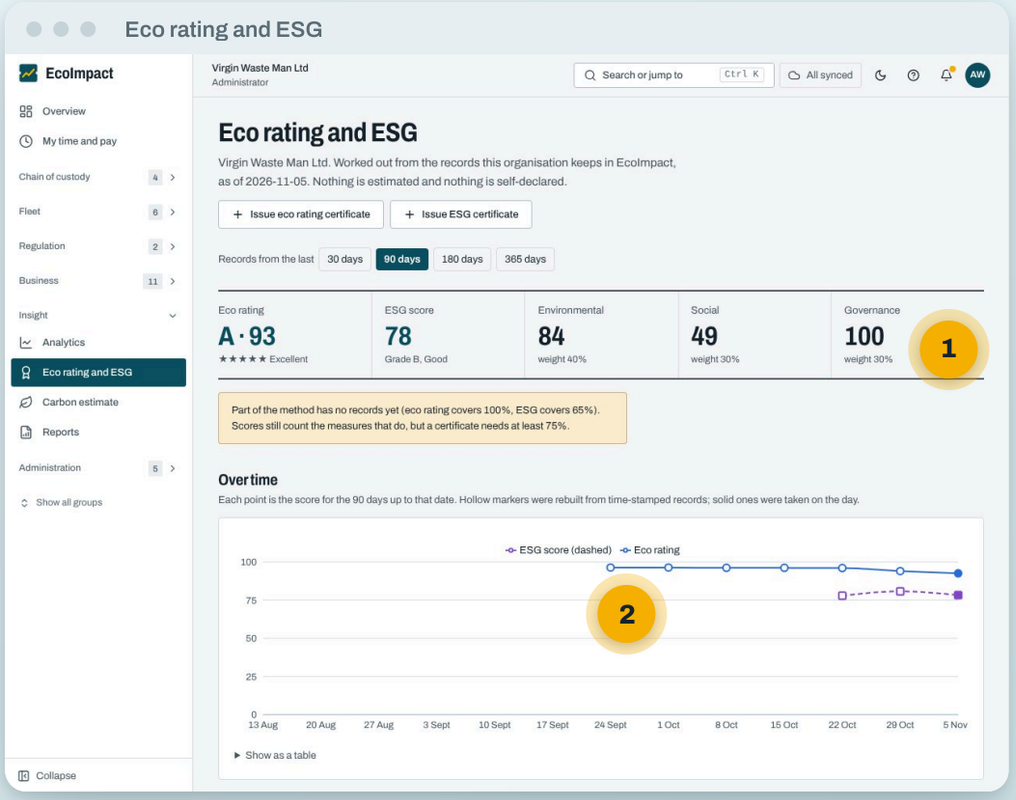

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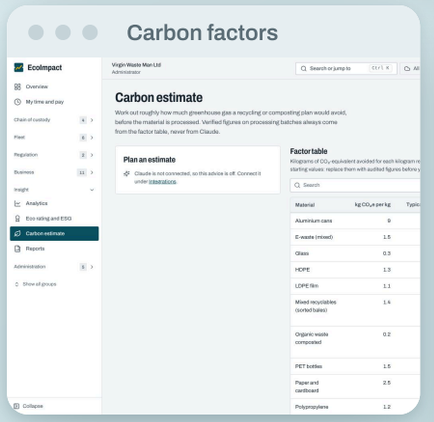
# Scores worked out from the records, not claimed.

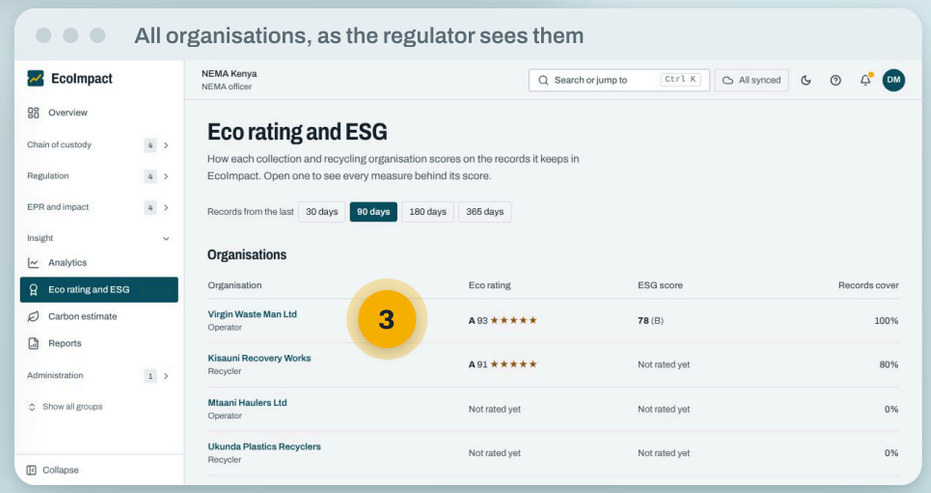
Collection and recycling organisations get an eco rating and an ESG score that anyone can check. Nothing is self-declared.

1. **Eco rating and ESG:** an A to E rating from recovery, segregation, chain of custody and independent checks. ESG adds vehicle idling, safety, training, permits and inspections.
2. **Over time:** a trend line, with earlier points rebuilt from dated records.
3. **For regulators:** every organisation side by side, with weights they set and every change recorded.

- **Certificates:** issue either score as a certificate with a public check link.
- **Carbon:** each verified batch states the emissions avoided, from a factor table you can edit. The starting figures are indicative.




**A score appears only when enough records stand behind it, and the page says how many.**

All screens are from the working system, loaded with invented demonstration data. Names, figures and places are illustrative.

# Clients and residents get a simple view of their own.

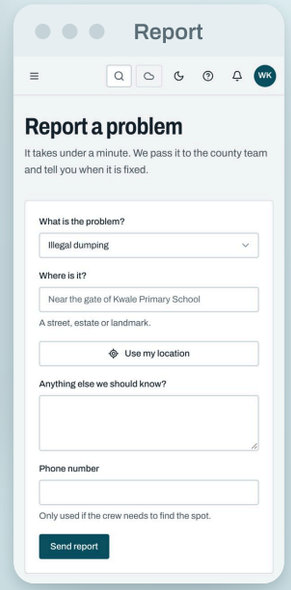
Their pages are separate from the staff screens and show only their own information.

- **Clients:** next pickup, what is due, impact, and M-Pesa payment from the invoice page.
- **Residents:** report a problem with a location from a phone, follow it to a fix, earn points.










**Collecting, reporting and paying all work on a phone, and collecting works without a signal.**

All screens are from the working system, loaded with invented demonstration data. Names, figures and places are illustrative.

# What you get with EcoImpact.

### Proof for every load

Tags, signed manifests, weighbridge records and independent verification.

### Eco rating, ESG and carbon

Scores worked out from the records, a trend over time, certificates anyone can check, and emissions avoided on every verified batch.

### Fleet management

Live map, replay, reports, vehicle papers and costs, routes, smart bins, and each pickup checked against the truck.

### Business tools

M-Pesa invoices, accounts, payroll with Kenyan deductions you can edit, clients, inventory and support.

### Oversight

City control room, licensing, inspections, enforcement, landfill, citizen reports and an audit trail.

### Credits and marketplace

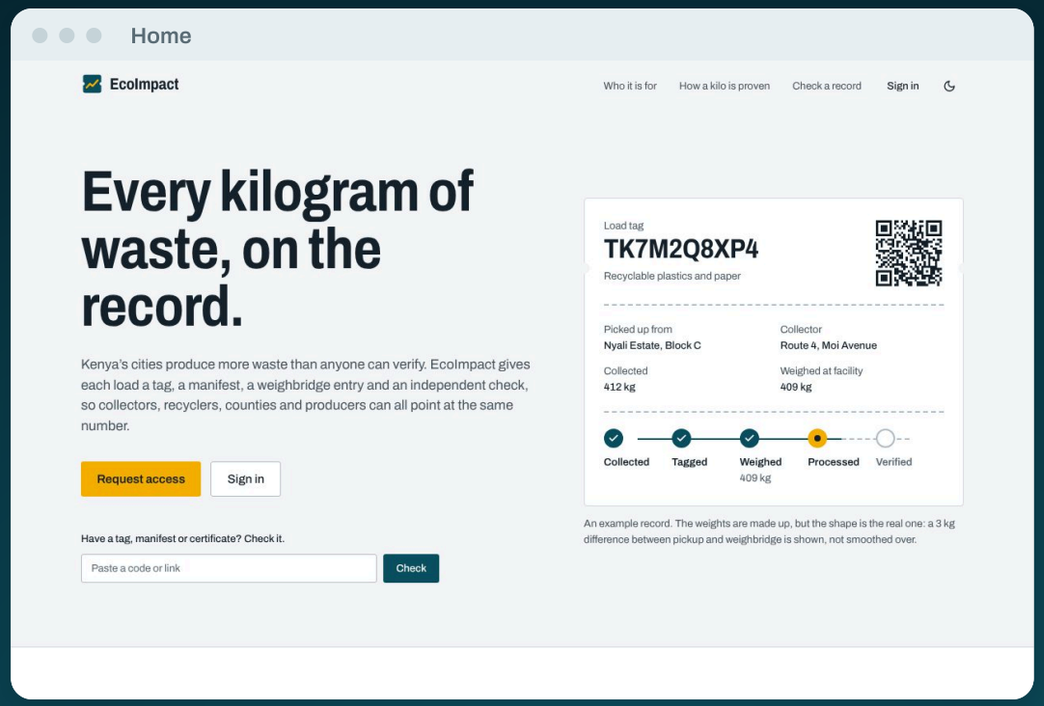
Producer duties, recovery credits, a marketplace for recovered materials, and payments on verified weight.

### Connected

M-Pesa, SMS and email, with optional Claude advice, all set up from one Integrations page.

### Built for the field

Phone-first, works offline for collecting, role-based access, optional two-step sign-in.




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