



sepa

Scottish Environment
Protection Agency
Buidheann Dion
Àrainneachd na h-Alba

For the future of our environment

Waste Data Practitioners

Digital Waste Tracking
Update

04 June 2024



What is digital waste tracking?

A mandatory UK-wide digital service that will track the full journey of waste from the point of production through to its end fate (within the UK)

It will track:

- Green List Waste Exports & Imports
- Hazardous and Non-Hazardous Wastes (including POPs)



Why is it being introduced?

To....

Provide a comprehensive picture of what is happening to the waste produced in the UK

Help support more effective regulation of waste

Help everyone comply with their duty of care with regards to waste

Help us move towards a more circular economy by enabling us to identify where we can extract value from our resources

Reduce the ability for criminals to operate and undercut legitimate businesses through their systemic mishandling of waste, illegal exports, and flytipping.



How is it being developed?

Not just a digital service:

- Digital Build
- Legislation
- Charges and charging schemes
- Guidance
- Agency Readiness
- 4-Nation partnership & governance
- Service design & user readiness



Current work and timelines

Digital service development



- Green list waste - Private beta testing started at the beginning of the year
- UK waste movements - Hitachi is now working on the service design for UK waste movements, aiming to open this to public beta later this year, likely in phases
- Working towards making the service mandatory from **April 2025**.

Duty of Care update



- Started to redraft sections, looking to test and tweak this through beta testing phase initially before formal consultation.

Legislation



- Working with SEPA and other governments to coordinate legislation. Likely to be after summer recess when it is laid, but TBC

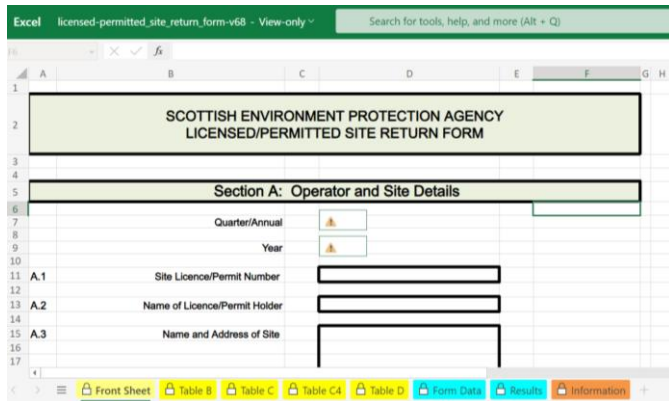


Stakeholder engagement

What will it look like?

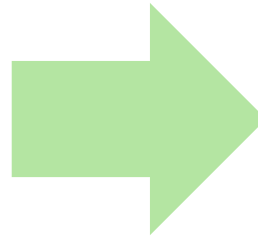
Replacing this ...

Licensed Site Returns & Local Authority
WasteDataFlow returns



Scottish Legislation

Revised Duty of Care
Code of Practice



...with this

Web-based service



Data being collected within the Waste Tracking system will be consistent with what is currently noted on SWCNs/WTNs with some added extra info:

- Information relating to POPs
- SIC codes
- Waste treatment and end state
- End of waste info
- Sources of waste
- Recovery and disposal codes

- We know that currently WasteDataFlow goes a step further than this for local authorities by providing information on actual recycling rates and other end states for waste within their areas.
- We are aiming to replicate this in the waste tracking service using a mathematical data model.

How it will work - main principles

Timing

- New record created at any time before the waste moves.
- Carrier to add confirmation of collection within **2 working days of collection**
- Receiving site to confirm receipt within **2 working days of receiving the waste.**

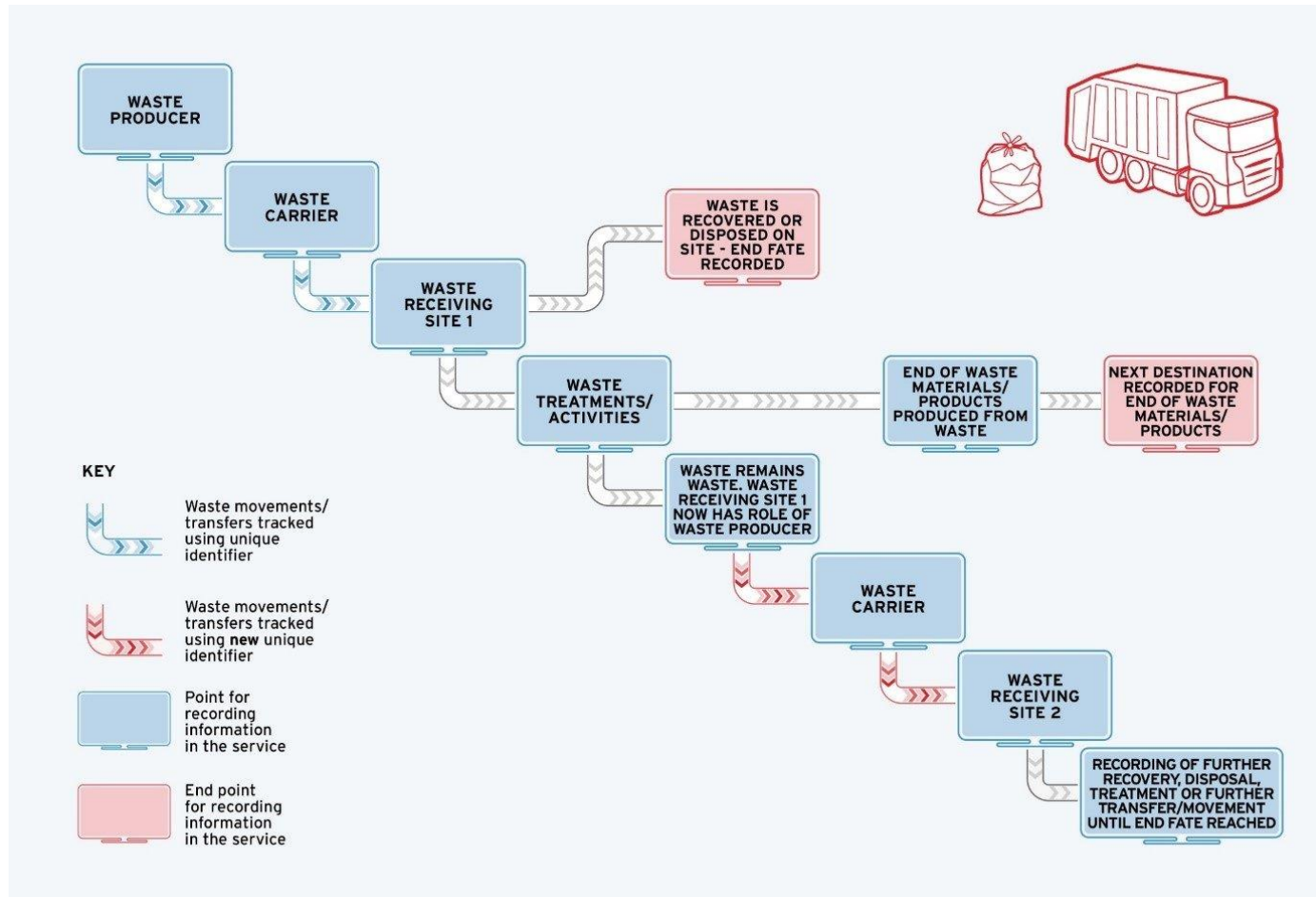
Recording information

- Creating a record will produce a unique identifier for the movement.
- Information recorded largely the same as required by transfer notes or consignment notes.

Responsibility

- The person arranging the waste movement will be the person responsible for creating the record.

How it will work - overview



How it will work – for LA collected waste

Household waste collected from domestic premises

- You will not need to record every collection of household waste from domestic premises.
- Waste tracking records for this waste will begin when it is taken into a waste receiving site.

Household waste recycling centres (HWRCs)

- Householders will **not** be required to record any waste they have produced which they move themselves.
- HWRC operators will **not** need to record the receipt of this waste.
- HWRC operators **will** need to record information about any commercial business waste accepted onto sites. i.e. similar to current requirements.

How will SEPA use DWT?



Standard reports from DWT

Pointing our tools at the data set and generating analytical outputs
Alerts, dashboards, tracking, trends, inventories, planning
Do we download data?
APIs? What tools, Who does?

Engaging with users is key

Key user stories

- Data transfer/interoperability with companies' existing systems
- Only legitimate people and entities can enter data into the service
- A single UK system
- Automatic validation and checking of submitted data
- Mandatory online waste tracking
- System must be easily useable by all
- Real-time tracking
- Waste correctly described and categorised

Usability testing

Illustration showing two people (one in a black shirt, one in a red shirt) sitting at a desk with a laptop, engaged in usability testing. Below them are two checkmarks. To the right, a user with blonde hair is shown with a question mark icon, indicating a usability issue.

Waste Tracking User Panel

Working together to shape smart waste tracking

Illustration of a computer monitor displaying a user panel interface, with a keyboard and mouse in front of it.

Waste Tracking Newsletter

December 2021

Dark teal banner with the text 'Waste Tracking Newsletter' and 'December 2021'. The banner features stylized light blue arrows pointing in various directions.

User involvement



Get involved
in the **waste
tracking user
panel**



Some **user
research**
undertaken.
More needed.



keep up to
date via the
newsletter
and our
annual **Waste
Data
Practitioner
events**

Find out more

Webpage

[Mandatory digital waste tracking - GOV.UK \(www.gov.uk\)](http://www.gov.uk)

Consultation documents

[Introduction of mandatory digital waste tracking - Defra - Citizen Space](#)

Sign up for user panel

[Waste Tracking Service User Panel \(qualtrics.com\)](http://qualtrics.com)

Subscribe to newsletter

[Qualtrics Survey | Qualtrics Experience Management](#)

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Thank you

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