



Let RFID enhance your
paid garden waste collection service

c-trace

moving into a clean future with AI



100 % own development

- Artificial Intelligence
- Office-Software
- Vehicle-Hardware



140

Employees



20

years
experience



A company of



International
branches
PL/UK/NL

in
20+
countries

TOMRA

Leading the Resource Revolution by transforming how we obtain, use, and reuse our world's resources

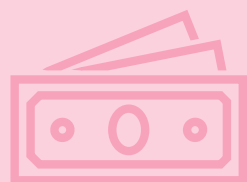


We are a
technology
leader globally



5.300
employees
worldwide

100+ Countries
worldwide



1.348
Million EUR
in 2024



*All the figures are from 2024

Our Products & Services



Software



Artificial Intelligence



Vehicle & Telematic-
Systems



RFID Chips



Bin services



950
Projects



5.000
Software-Users



9.300
Vehicles
equipped



36.000.000
Chips

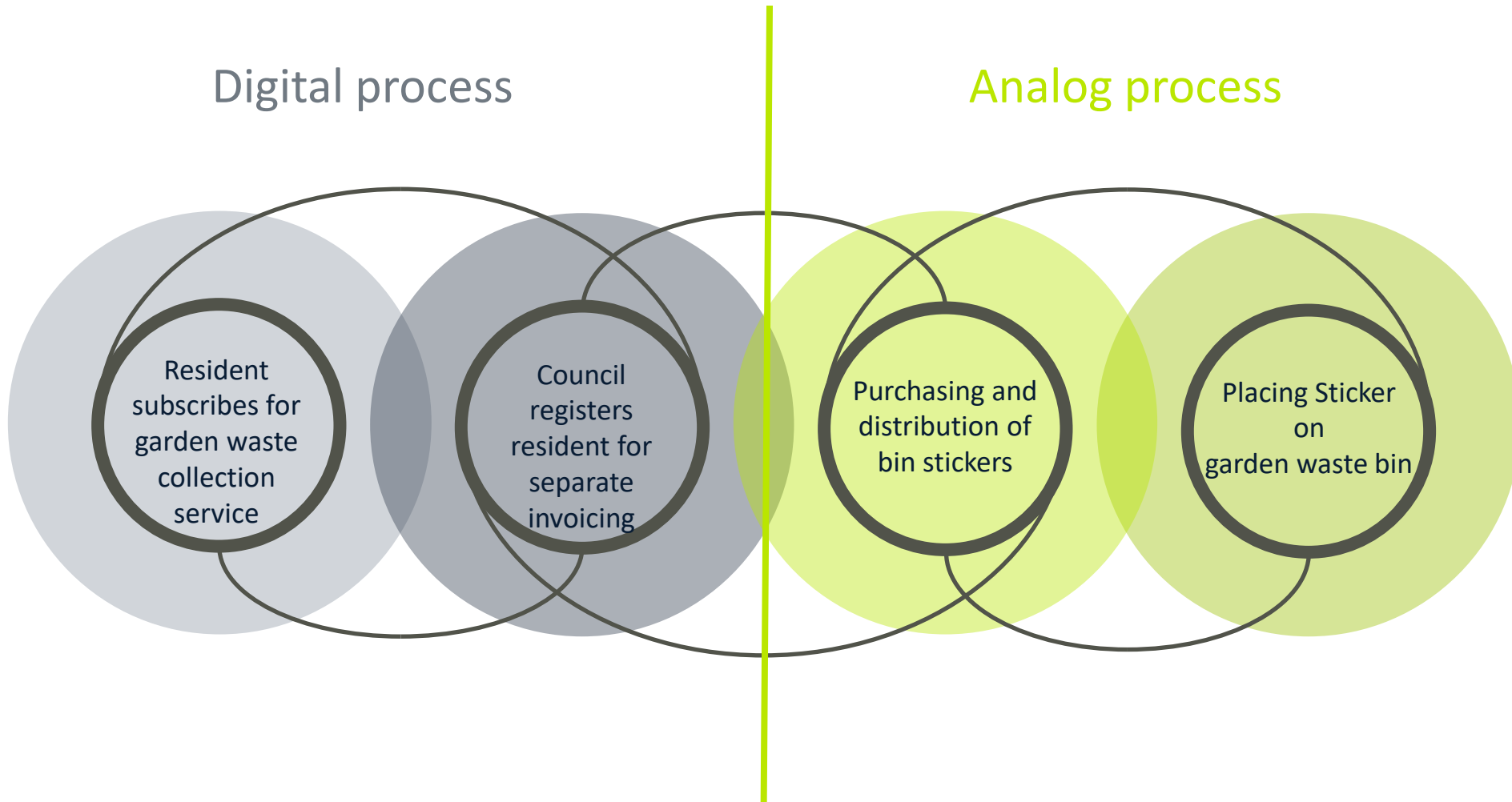


14.500.000
Services



Digital Garden Waste subscription scheme



Current garden waste subscription scheme



Downside of a sticker based system

'Substandard' stickers delay garden waste scheme

5 October 2024

Share  Save 

Repeat requests

We normally only allow one replacement sticker request per subscription.

If you need to order replacement sticker(s) more than once we will contact you to discuss your situation.

Those who paid were sent tamper-proof labels for their bins but several residents took to social media to claim the ones they received were already peeling off.

The Art of Removing Old Bin Stickers Without Damage

Have you ever struggled with those stubborn old stickers that seem determined to leave a messy residue behind? Removing old stickers requires a delicate touch and the right technique. Start by heating the sticker's edges with a hairdryer to loosen

[Home](#) > [News](#) > [Council warns of fake garden waste stickers being sold](#)



Council warns of fake garden waste stickers being sold

Garden Waste Subscription Stickers, "please don't stick over the top of old stickers"

You mean the sticker from last year that you have designed to make impossible to remove.. yea thanks for that.. don't mind if I don't!

Need to report a missed bin collection?

We are sorry our bin crews did not collect your bin(s). You can report a missed bin collection if:

-  it is after 5pm on your usual bin day and
-  it is not later than 48 hours since your usual bin day.

Enter your postcode on our bins page. Then select the missed bin option under the bin that was not collected.



Downside of a sticker based system



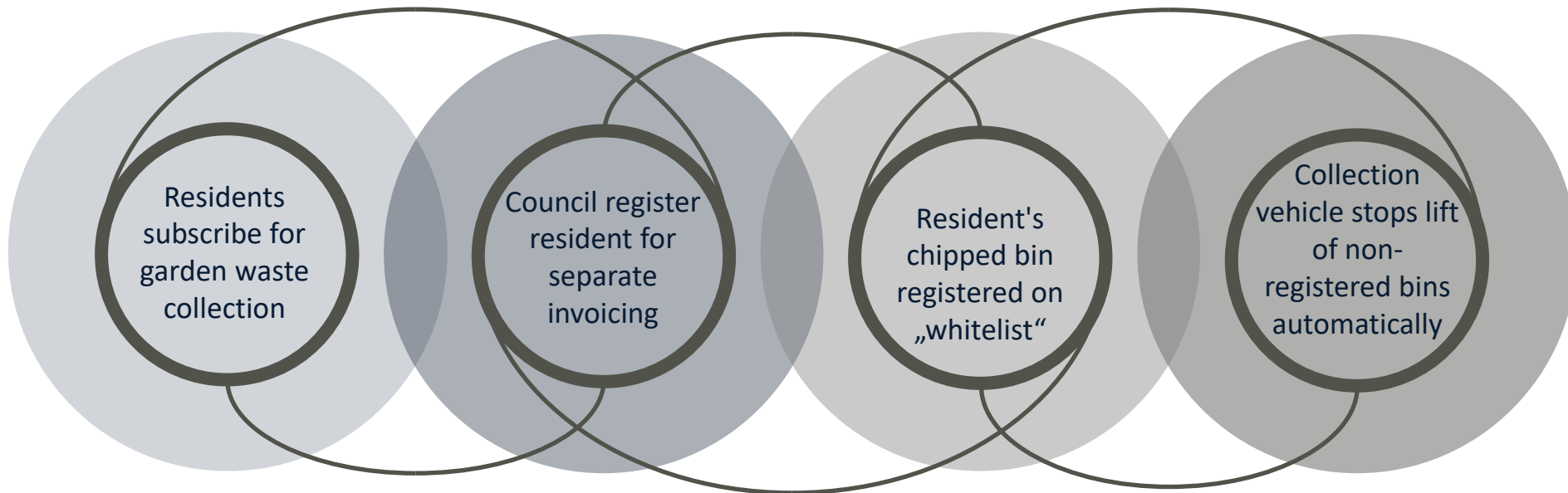
Disadvantages



- High costs for purchasing and distributing resistant, weatherproof stickers every year
- Stickers are open to manipulation from residents claims for not having received the sticker or reporting bin as being stolen but instead using it for a second container
- Lack of clarity regarding missed bin collection leading to complaints and a missed bin second run
- No easy way of removing weatherproof sticker at the end of the season
- Need to train the residents placing the sticker correctly on the bin

Fully digital garden waste scheme

Digital process



Digital solution



- Chip bins with RFID transponder
- No need for label stickers any more
- No action from resident required to correctly place a sticker on the bin
- No cheating possible
- No active sticker checking from the collection team on the round
- No high recurring annual costs
- Full overview about collected bins and missed bins in “real-time”
- Stolen / appropriated bins can be “black-listed” and blocked from collection easily

Financial Return Illustration



- 10,000 bins in total
 - Fortnightly collection cycle
 - 1,000 bins per collection round
 - 1 identification system (on collection vehicle)
-
- Annual costs for stickers: £30,000
 - Investment digital system: ca. £55,000 for retrofitting bins, vehicle equipment, software in 1. year
 - Annual costs: ca. £8,000 for maintenance and licences
 - Return on investment: ca. 2.5 years
 - Yearly savings: £22,000

c-ident with touch panel

- Collection team can directly see the reason for lift stop
- Only registered bins are emptied
- Possibility to override blocked emptying if requested
- Recording of special events by simply pressing a button





4G-Antenna




Reader



Comb antenna



Touchpanel



Let's turn
more waste
into value!

c-trace.co.uk

Contact

c-trace Ltd
Kingfisher House
7 High Green
Great Shelford
Cambridge CB22 5EG



Contact Person

Ian Martin

Telephone: +44 1223 755181

Mobile: +44 7544 405900

E-Mail: i.martin@c-trace.co.uk