



Deposit Return Scheme

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Today

- Overview of DRS and work to date
 - How DRS operates in practice
 - DRS for Scotland
 - Local Authorities and DRS

What is DRS?

- Improve capture of target materials, increase quality of material, reduce litter and contribute to the development of a circular economy
- Examples in Europe, US, Canada, Australia etc.
- Extended producer responsibility

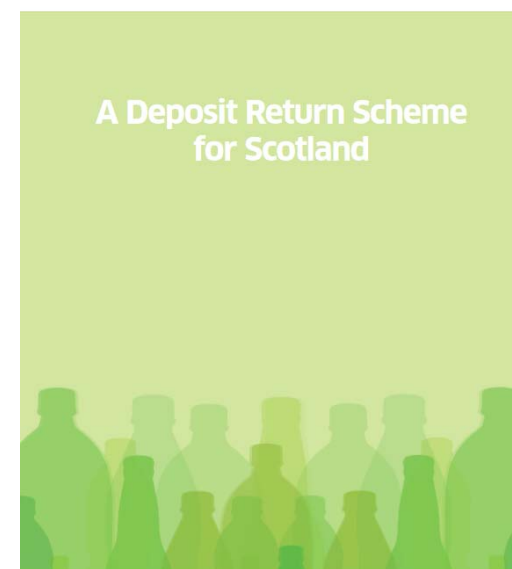


DRS in Practice



DRS for Scotland

- Consultation launched on 27 June 2018
- Includes consultation, OBC, BRIA, EQiA and SEA
- Stakeholder involvement
- No preferred option
- Feedback on components
- Four example schemes presented



Principles

- Increase the quantity of target materials collected for recycling;
- Improve the quality of material collected, to allow for higher value recycling;
- Encourage wider behaviour change around materials;
- Deliver maximum economic and societal benefits for Scotland.

EXAMPLE 1 SCOTLAND'S DEPOSIT RETURN SCHEME
TAKE BACK TO DEDICATED DROP-OFF POINTS

BUY DRINK. PAY DEPOSIT

TAKE BACK TO A DEDICATED DROP-OFF POINT

DEPOSIT RETURNED TO YOU

BOTTLES & CANS RECYCLED

CONTAINERS RECYCLED:
PET PLASTIC BOTTLES
GLASS BOTTLES
STEEL/ALUMINIUM CANS

SCHEMES SIMILAR TO THIS ALREADY EXIST IN:
AMERICA
AUSTRALIA

WHERE:
DEDICATED DROP OFF POINTS WOULD BE LOCATED IN CONVENIENT LOCATIONS IN TOWNS.

ANTICIPATED RECYCLING RATE:
60%

ZERO WASTE SCOTLAND
The Scottish Government

This example is one of four deposit return scheme design examples being presented as part of the public consultation on Scotland's deposit return scheme. Following feedback, scheme design components across all four examples may be combined to provide the final scheme design. This will be decided upon by the Scottish Government.

EXAMPLE 2 SCOTLAND'S DEPOSIT RETURN SCHEME
TAKE BACK TO DEDICATED DROP OFF POINTS AND SOME BIGGER SHOPS

BUY DRINK. PAY DEPOSIT

TAKE BACK TO DEDICATED DROP OFF POINT OR TAKE BACK TO SOME BIGGER SHOPS IF THERE'S NO DROP OFF POINT WITHIN A SET DISTANCE

DEPOSIT RETURNED TO YOU

BOTTLES, CANS, CARTONS & CUPS RECYCLED

CONTAINERS RECYCLED:
PET PLASTIC BOTTLES
HDPE PLASTIC BOTTLES
GLASS BOTTLES
CARTONS
SOME CUPS
STEEL/ALUMINIUM CANS

SCHEMES SIMILAR TO THIS ALREADY EXIST IN:
CALIFORNIA, USA
MAINE, USA
BRITISH COLUMBIA, CANADA

WHERE:
DEDICATED DROP OFF POINTS IN TOWNS. IF THERE IS NOT ONE WITHIN A SET DISTANCE, CERTAIN PLACES THAT SELL DRINKS WOULD ALSO RETURN DEPOSITS

ANTICIPATED RECYCLING RATE:
70%

ZERO WASTE SCOTLAND
The Scottish Government

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EXAMPLE 3 SCOTLAND'S DEPOSIT RETURN SCHEME
TAKE BACK TO ANY PLACE OF PURCHASE

BUY DRINK. PAY DEPOSIT

TAKE BACK TO ANY PLACE THAT SELLS DRINKS*
*TAKE BACK CAN BE BY MACHINE OR AT COUNTER

DEPOSIT RETURNED TO YOU

BOTTLES & CANS RECYCLED

<p>CONTAINERS RECYCLED</p> <ul style="list-style-type: none"> PET PLASTIC BOTTLES GLASS BOTTLES STEEL/ALUMINIUM CANS 	<p>SCHEMES SIMILAR TO THIS ALREADY EXIST IN:</p> <p>SCANDINAVIA BALTIC STATES</p> <p>ANTICIPATED RECYCLING RATE:</p> <p>80%</p>	<p>WHERE</p> <p>ANY PLACE THAT SELLS DRINKS</p>
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EXAMPLE 4 SCOTLAND'S DEPOSIT RETURN SCHEME
TAKE BACK TO ANY PLACE OF PURCHASE
(WITH CARTONS AND CUPS)

BUY DRINK. PAY DEPOSIT

TAKE BACK TO ANY PLACE THAT SELLS DRINKS*
*TAKE BACK CAN BE BY MACHINE OR AT COUNTER

DEPOSIT RETURNED TO YOU

BOTTLES & CANS RECYCLED

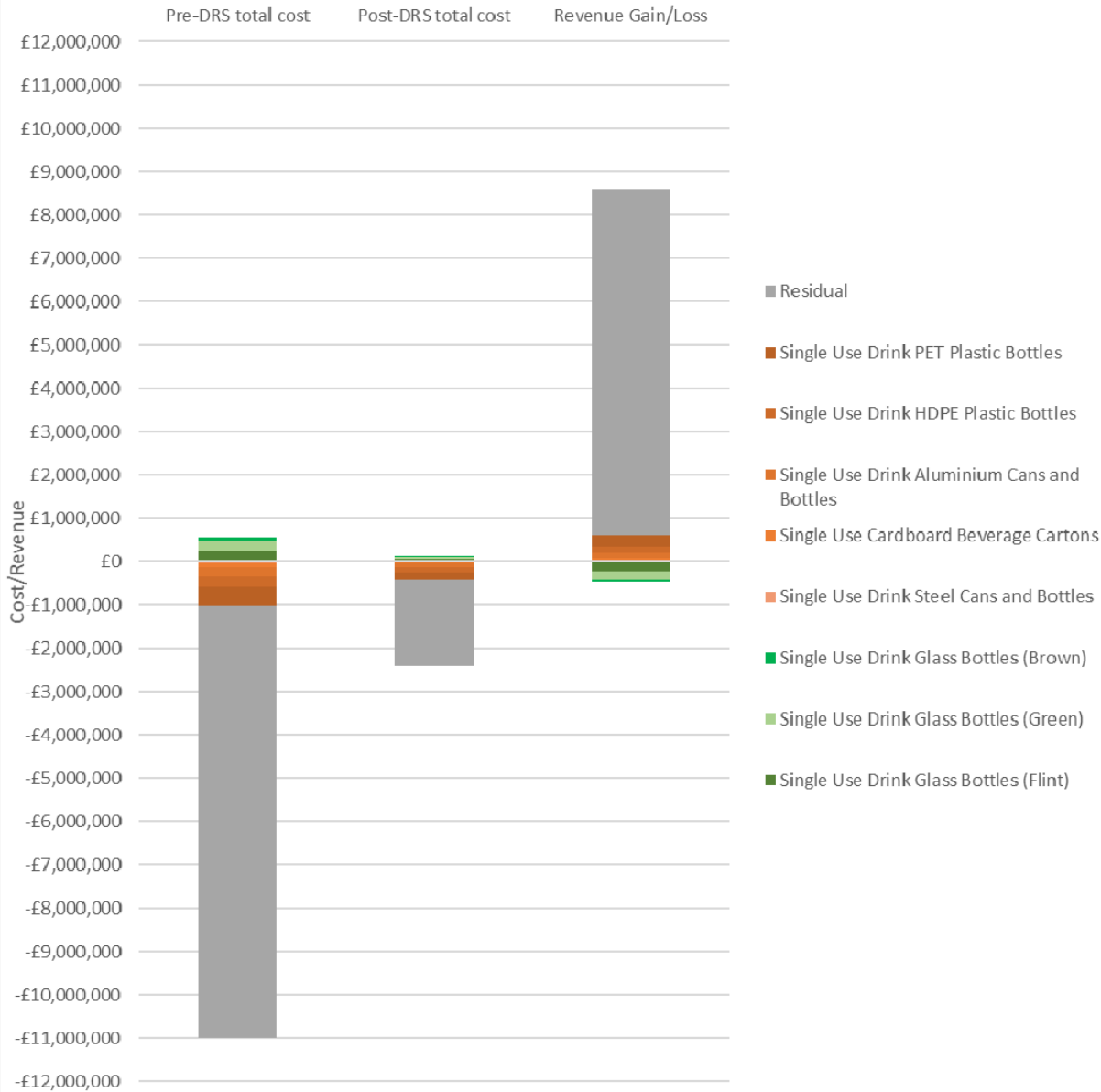
<p>CONTAINERS RECYCLED</p> <ul style="list-style-type: none"> PET PLASTIC BOTTLES HDPE PLASTIC BOTTLES GLASS BOTTLES CARTONS SOME CUPS STEEL/ALUMINIUM CANS 	<p>SCHEMES SIMILAR TO THIS ALREADY EXIST IN:</p> <p>THE CLOSEST SCHEMES TO THIS EXIST IN SCANDINAVIA AND THE BALTIC STATES, BUT DON'T COLLECT CARTONS OR CUPS. THIS WOULD BE UNIQUE TO SCOTLAND.</p> <p>ANTICIPATED RECYCLING RATE:</p> <p>80%</p>	<p>WHERE</p> <p>ANY PLACE THAT SELLS DRINKS</p>
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Headline LA 25 Year NPV

- Example 1 - £110m (£494m for Scotland)
- Example 2 - £146m (£352 for Scotland)
- Example 3 - £149m (£745m for Scotland)
- Example 4 - £168m (£990m for Scotland)

Costs and revenue from managing targetted material streams



Local Authorities and DRS

- Focus on disposal costs, further benefits likely to arise from:
 - Operational efficiencies from collecting less material
 - Operational efficiencies from emptying litter bins less frequently
- Other interactions with local authority services:
 - Trading standards, Environmental Health, Care at Home, Economic Development, Facilities Management, Schools, Sport, Leisure & Culture, Planning etc.
- Local businesses
- Local environment
- Local economy

DRS for Scotland

- Four examples presented
- How can DRS maximise the benefits for your organisation?
- How can a DRS maximise the benefits for your area?
- Consultation is open until 25 September (<https://consult.gov.scot/>)



Thank you.

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