

UPCOMING PROGRAMS

106.5 million could have access to DRS if all these programs are implemented

<i>Country</i>	<i>Population 2019 (million)</i>	<i>Mandate enacted</i>	<i>Mandate implemented</i>
Latvia	1.9	2019	2022
Malta	0.49	2020	2022
Portugal	10.2	2018	2022/2023
Scotland	5.4	2020	2022
Slovakia	5.4	2019	2022
Turkey	83.1	TBD	2023

LATVIA

Population: 1.9 m

Website: Not available



LEGISLATIVE FRAMEWORK¹

Mandate: Packaging Law, Deposit System Operation Regulations

Enacted: 2019

Implemented: 2022

Authority: Ministry of Environmental Protection and Regional Development

Targets: The legislation sets both material-specific and overall targets specific to the deposit system, which are set to increase until 2030.

Targets from 1 February 2023 to 31 December 2023:

Collection: glass (70%), plastic (70%), metal (60%), aluminum (40%),

Recycling: glass (65%), plastic (50%), metal (60%), aluminum (40%), overall (60%)

Reuse: glass (5%)

Targets from 1 January 2024 to 31 December 2024:

Collection: glass (73%), plastic (73%), metal (65%), aluminum (45%),

Recycling: glass (67%), plastic (53%), metal (65%), aluminum (45%), overall (63%)

Reuse: glass (6%)

Targets from 1 January 2025 to 31 December 2025:

Collection: glass (77%), plastic (77%), metal (70%), aluminum (50%),

Recycling: glass (70%), plastic (55%), metal (70%), aluminum (50%), overall (65%)

Reuse: glass (7%)

Targets from 1 January 2026 to 31 December 2027:

Collection: glass (81%), plastic (80%), metal (72%), aluminum (52%),

Recycling: glass (71%), plastic (57%), metal (72%), aluminum (52%), overall (66%)

Reuse: glass (10%)

Targets from 1 January 2028 to 31 December 2029:

Collection: glass (85%), plastic (85%), metal (75%), aluminum (55%),

Recycling: glass (73%), plastic (58%), metal (75%), aluminum (55%), overall (68%)

Reuse: glass (12%)

Targets from 2030:

Collection: glass (90%), plastic (90%), metal (80%), aluminum (60%),

Recycling: glass (75%), plastic (60%), metal (80%), aluminum (60%), overall (70%)

Reuse: glass (15%)

PROGRAM SCOPE

Material:

Plastic (predominantly pet), metal, (aluminum/tinplate), glass

Beverage type:

Plastic and glass containers 100 ml to 3 L (0.026 to 0.79 gal), aluminum containers 200 ml to 1 L (0.05 to 0.26 gal): Carbonated and non-alcohol beverages such as water, mineral water, lemonade, energy drinks, iced teas, juices, nectars, beer, mixer products with an alcohol content up to 6%

Excluded:

Wine, hard liquor, dairy products, glass jars, Tetra Pak

¹ Note: Further details to be finalized and adopted by Latvia's Cabinet of the Ministers at a later date.

DEPOSITS AND FEES

Deposit initiator: Producer/Importer

Deposit value: € 0.10

Unredeemed deposits: System operator

Handling fees: TBD

SYSTEM OPERATOR

Clearing system:

Centralized

System operator & administrator:

TBD – The law defines only one operator, which will be registered as a public service provider

System finance:

Unredeemed deposits, material revenues, producer fees

REDEMPTION SYSTEM

Return-to-Retailer:

Sellers of eligible beverages are required to take back empty containers in or near the premises (max. 150 m) if their sales area is at least 300 m² in the cities or 60 m² in the countryside. Local government may re-define the obligation in certain cases.

Material owner:

System operator

SYSTEM RESULTS

Not available

MONEY MATERIAL FLOW

Not available

MALTA

Population: 6.5 m

Website: Not available



LEGISLATIVE FRAMEWORK¹

Mandate:	Beverage Container Recycling Regulations (Legal Notice 311 of 2020) made under the Environment Protection Act
Enacted:	2020
Implemented:	Planned for Q1 2022
Authority:	Ministry for the Environment, Sustainable Development and Climate Change
Targets:	70% collection target for 2021; 70% for 2022; 80% for 2023, 85% for 2024; 90% for 2025

PROGRAM SCOPE

Material:
Plastic (PET), glass, metal (steel or aluminum)

Beverage type:
Containers 0.1 L (0.26 gal) to 3 L (0.79 gal):
Water and flavoured water, soft drinks (carbonated and non-carbonated), ciders, beers, and other malt beverages, ready-to-drink coffee, flavoured alcohol beverages with an alcohol content not exceeding 5%, dilutables

Excluded:
Dairy products, cartons, foil pouches, HDPE containers, composite materials

DEPOSITS AND FEES

Deposit initiator:
Producer/Distributor/Importer

Deposit value:
€ 0.10 (USD\$ 0.11)

Unredeemed deposits:
System operator

Handling fees:
€ 4.00/1000 containers (USD\$ 4.53)

¹ Note: In Budget 2015, the Government of Malta highlighted its intention to introduce a deposit return scheme. Subsequently, at the EU "Our Oceans" Conference in 2017, Malta committed to introducing a deposit scheme which was reflected in Budget Speech 2018. Government announced that the scheme would be in place in 2019, which did not occur. On 31 July 2020, the legal notice setting the path for the establishment of a DRS, which is intended to be led and managed by the private sector, was published. No further details are available at this time.

SYSTEM OPERATOR

Clearing system:

TBD

System operator & administrator:

TBD – An operator licensed by the Resource, Recovery and Recycling Agency (RRRA) will be tasked with establishing and operating the scheme

System finance:

Unredeemed deposits, administration fees, material revenues, government contributions

REDEMPTION SYSTEM

Return-to-retail:

The proposal is to exempt retailers < 150 m², but to give them the choice to opt in. It is envisaged that there will be a minimum of 350 RVMs.

Material owner:

System operator

SYSTEM RESULTS

Not available

MONEY MATERIAL FLOW

Not available

PORTUGAL

Population: 10.2 m

Website: Not available



LEGISLATIVE FRAMEWORK¹

- Mandate:** Law n.º 69/2018 (System to Encourage the Return and Deposit of Beverage Containers in Plastic, Glass, Ferrous Metals, and Aluminum)
- Enacted:** 2018
- Implemented:** TBD (Scheduled for January 2022 – delay expected to 2023)
- Authority:** Ministry of Environment and Energy Transition

PROGRAM SCOPE

- Material:** Plastic, glass, metal (ferrous metal, aluminum)
- Beverage type:** TBD
- Excluded:** TBD

DEPOSITS AND FEES

- Deposit initiator:** TBD
- Deposit value:** TBD
- Unredeemed deposits:** TBD
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- Handling fees:** TBD

¹ Note: In January 2019, the Portuguese government announced that from January 1, 2022, a deposit return system for plastic, glass, ferrous and aluminum beverage containers would become mandatory. No further details have been announced.

SYSTEM OPERATOR

Clearing system:

TBD

System operator & administrator:

TBD

REDEMPTION SYSTEM

Redemption system:

TBD

Material owner:

TBD

SYSTEM RESULTS

Not available

MONEY MATERIAL FLOW

Not available

SCOTLAND

Population: 5.4 m

Websites: <https://depositreturnscheme.zerowastescotland.org.uk/>
<https://www.gov.scot/news/deposit-return-scheme-1/>



LEGISLATIVE FRAMEWORK

- Mandate:** The Deposit and Return Scheme for Scotland Regulations
- Enacted:** Legislation was passed in the Scottish Parliament in May 2020
- Implemented:** Implementation is scheduled for July 2022, but parts of the Regulations will come into force earlier to enable various scheme actors to prepare for the operation of the scheme.
- Authority:** Scottish Environment Protection Agency (SEPA)
- Targets:** Collection targets: 70% in first 18 months, 80% in year 2, and 90% in year 3

PROGRAM SCOPE

- Material:** Plastic (PET), metal (aluminum, steel), glass
- Beverage type:**
Containers 50 ml to 3 L (0.01 gal to 0.8 gal):
All alcohol and non-alcohol beverages
- Excluded:**
Mixed material pouches, cartons, HDPE containers, and cups

DEPOSITS AND FEES

- Deposit initiator:**
Producer/Importer
- Deposit value:**
£ 0.20 (USD\$ 0.23)
- Unredeemed deposits:**
System operator
-
- Handling fees:**
TBD – Will be agreed by retailers and producers, likely through a scheme administrator

SYSTEM OPERATOR

Clearing system:

TBD – Likely centralized

System operator & administrator:

TBD – The formation of the administrator(s) is one of the areas being considered by the Implementation Advisory Group (IAG). Anyone can apply to become a scheme administrator when the regulations have been passed. Through the IAG, producers and retailers are considering different options and structures for developing an administrator.

System finance:

Unredeemed deposits, material revenues, producer fees

REDEMPTION SYSTEM

Return-to-Retail/Return to Redemption Center:

Retailers selling any drinks in eligible containers that are taken away from their premises will automatically be required to operate a return point. A retailer could be granted an exemption if there is an alternative return point of equal convenience available nearby that has agreed to accept scheme containers on their behalf. In addition to retailers, anyone that would like to operate a return point from somewhere other than retail premises can apply to be registered as a 'voluntary return point operator.'

Containers can be collected manually or through a RVM. It will be up to individual retailers to decide whether they wish to install a RVM or accept returns manually. Collection of containers may be done via dedicated collections or by utilizing backhauling.

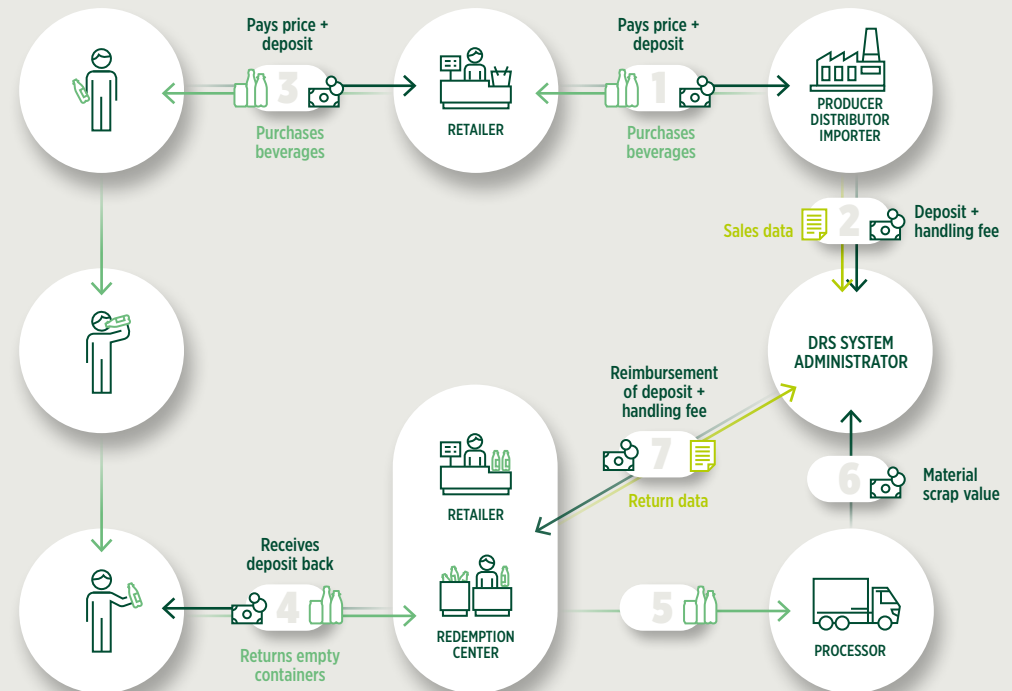
Material owner:

System operator

SYSTEM RESULTS

Not available

MONEY MATERIAL FLOW



SLOVAKIA

Population: 5.4 m

Website: Not available



LEGISLATIVE FRAMEWORK

Mandate: Act on the deposit return scheme for disposable beverage containers and on amendments to certain acts

Enacted: 2019

Implemented: Scheduled for January 2022

Authority: Environment Ministry

Target: Collection target for plastic bottles: At least 60% by the end of 2022; 77% by the end of 2024; and at least 90% from 2027.

Collection target for metal cans: At least 90% from 2025

DEPOSITS AND FEES

Deposit initiator:

Producer

Deposit value:

Plastic: € 0.12 (USD\$ 0.14)

Cans: € 0.10 (USD\$ 0.11)

Unredeemed deposits:

System operator

Handling fees:

TBD

PROGRAM SCOPE

Material:

Plastic (PET), metal

Beverage type:

Carbonated and non-carbonated beverages, beer, wine

Excluded:

Spirits, oils, milk

SYSTEM OPERATOR

Clearing system:

Centralized

System operator & administrator:

TBD (Will be comprised of the producers' associations and be supervised by the Economy Ministry, which will coordinate the activities and finance the whole system)

System finance:

Unredeemed deposits, material revenues, producer fees

REDEMPTION SYSTEM

Return to Retailer:

Stores with an area of > 300 m² will be required to take back empty containers.

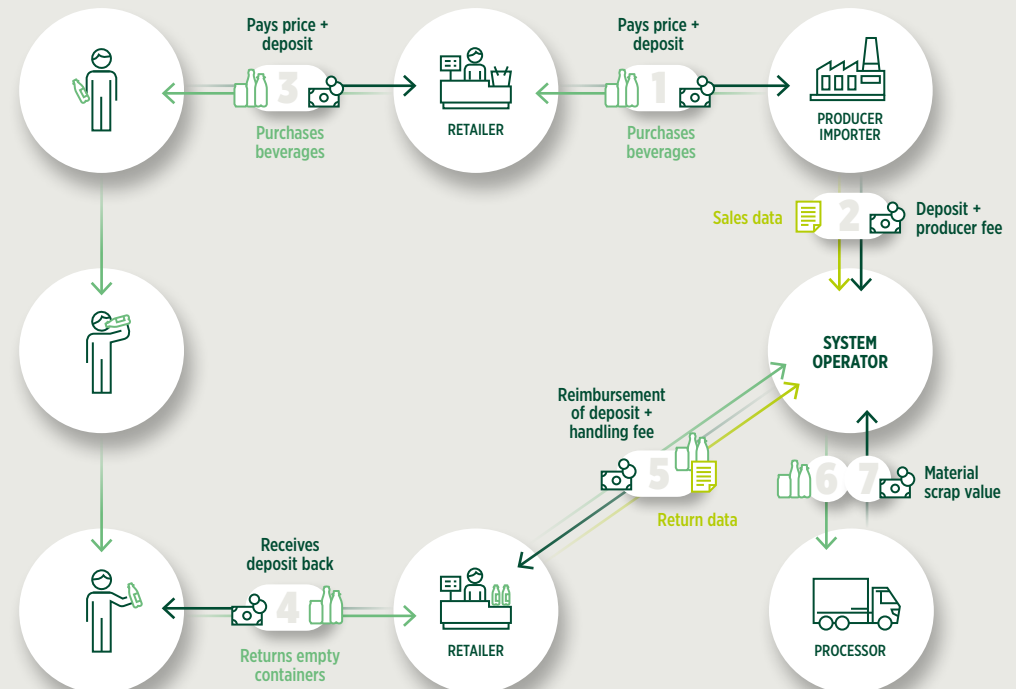
Material owner:

System operator

SYSTEM RESULTS

Not available

MONEY MATERIAL FLOW



TURKEY¹

Population: 83.1 m

Website: Not available



LEGISLATIVE FRAMEWORK¹

- Mandate:** TBD
- Enacted:** TBD
- Implemented:** TBD – Scheduled for 2021, but likely postponed to 2023
- Authority:** Ministry of Environment and Urbanization
- Targets:** Collection target is 70% in Year 1, 80% in Year 2, and 90% by Year 3

PROGRAM SCOPE

- Material:** Glass, aluminum, plastic (will expand to Tetra Pak and HDPE plastic in second stage of DRS)
- Beverage type:**
- Containers 100 ml to 3 L (0.026 gal to 0.79 gal):** Tea and coffee, carbonated soft drinks, energy drinks, milk, fruit and vegetable juice, water, sports drinks, alcohol beverages
- Excluded:** None

DEPOSITS AND FEES

- Deposit initiator:** TBD
- Deposit value:** TBD – Likely a flat rate between 0.25 TRY and 50 TRY (€ 0.04 – € 0.08)
- Unredeemed deposits:** TBD – Will likely remain with system operator
- Handling fees:** TBD

¹ Note: Draft legislation under discussion. Details to be finalized and approved by the Ministry of Environment and Urbanization.

SYSTEM OPERATOR

Clearing system:

TBD – Likely centralized

System operator & administrator:

TBD

System finance:

Unredeemed deposits, producer fees, material revenues

REDEMPTION SYSTEM

Return to Retailer:

All retailers that sell eligible beverage containers must accept empty containers back for recycling. In Year 1, all stores with sales area > 1000 m² are obligated to invest in RVMs. Retailers > 500 m² are obligated to invest in RVMs until beginning of Year 5 that DRS is in place.

Material owner:

Regional network operators

SYSTEM RESULTS

Not available

MONEY MATERIAL FLOW

Not available