



INTHERWASTE

Interreg Europe



European Union
European Regional
Development Fund

Good Practice: Estonian Beverage Packages Deposit System

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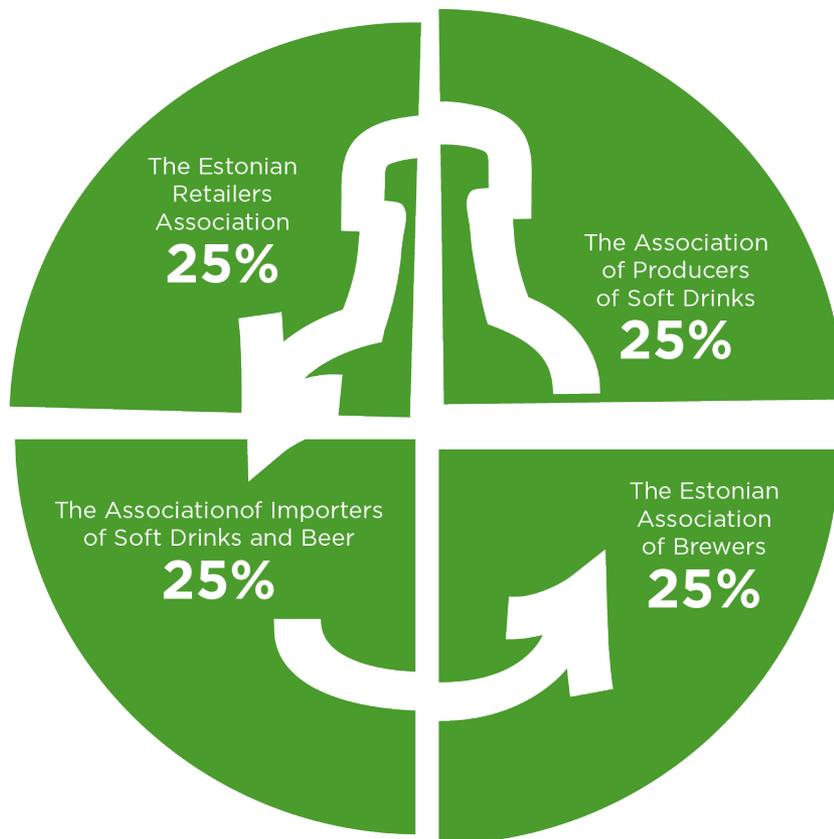
3 February 2022

Collection and recycling of plastic waste

Brief introduction



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- Eesti Pandipakend is producer responsibility organisation administrating the national system of deposit-subjected packagings
- Based on non-profit principle
- Accredited by Ministry of Environment since 03/2005
- Operating from 05/2005

The main challenges related to collection and recycling of plastic waste

| One-way packages | 2021 (2020) | Min requirement by excise law |
|-------------------------|-------------|-------------------------------|
| Sales, million pieces | 348 (310) | |
| Returns, million pieces | 293 (266) | |
| PET return | 88% (90%) | 85% |
| CAN return | 89% (95%) | 50% |
| OWG return | 87% (86%) | 85% |

A total of over 4.5 billion deposit packages collected and recycled/reused (as of 02.2022)

Other challenges, new policies and practices:



Correct Stakeholders (producer, retailer) management

Industry fee vs retailers compensation



PRODUCERS/IMPORTERS

349



RETAILERS

1260 collection points

Plastic bottles are sorted into two groups: transparent and coloured bottles, and then they are flaked and granulated.



The granules are used for making a new plastic bottle form.

The form will become a plastic bottle, if it is heated up and blown up like a balloon with the help of machines.



Fluctuations in material sales prices



Potential consumer/producer/retailer frauds in sales and returns, needs detailed controlling logics



Myth: Plastic bottle must be return without the cap

New policies and practices:



Public awareness: PET is recycled bottle-to-bottle (closed loop system)



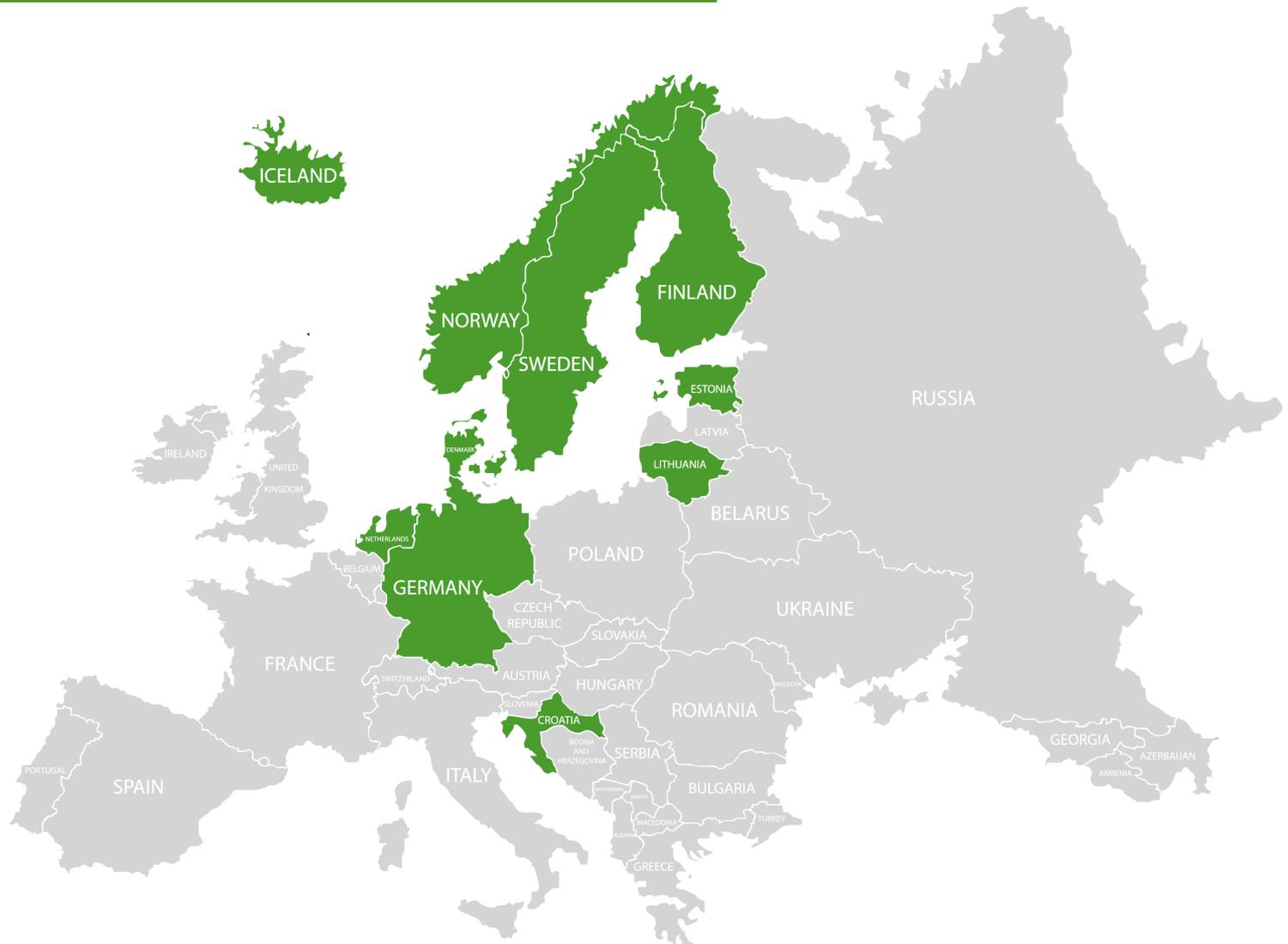
Packaging law change: Producers can register strong alcoholic beverages packages in DRS **voluntarily**

Product categories under the deposit

- Soft drink
- Water
- Beer
- Cider, perry
- Low-ethanol alcoholic beverages
- Juice, juice concentrate, nectar



Inspiration: Deposit Systems in Europe



EESTI PANDIPAKEND presents

DEPOSIT CUP

2019



NEW SERVICE - THE DEPOSIT CUP

The service is based on a deposit system - the customer pays a deposit for the cup, and when he or she returns the cup, the deposit is fully refunded. We carefully wash the used cups, and then they are used again at new events, which allows to reduce pollution caused by disposable cups.



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tomorrow!**



Project media