

O FUTURO DAS EMBALAGENS DE BEBIDAS
NO SISTEMA DE DEPÓSITO COM RETORNO

17 DE MAIO 2022 | 10H00
CASCAIS



Flöskumóttaka

Endurvinnslan

Financiado por:

Iceland
Liechtenstein
Norway grants



Apoio:



Establishment of Endurvinnslan

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- From 1989, a monopoly operation covering the whole of Iceland.
- Established to prevent pollution. (not recycle)
- Covering bottles and cans made of steel, aluminum, plastic and glass.
- All drinks except dairy products and concentrated juice drinks. Also wine and alcohol.

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Apoio:



CASCAIS
Tudo começa nas pessoas

Deposit system

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- Deposit fee 18 ISK (appr 11 EUR cents)
- Handling fee on PET (2 - 3 cents), Steel and Glass (8 - 9 cents) due to high cost of recycling
- Return rate of DRS system only, 90% in Alu/PET, 85% in Glass
- Units in DRS per year 200 million
- Endurvinnslan uses agents to collect the bottles and many of them are charitable institutions, institutes for disabled, scouts e.t.ch.

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Difference from other DRS systems

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- No participation from shops and restaurants.
- Use of technology in low volume areas at a minimum, mainly manual handling of bags for processing.
- Deposit system for glass bottles (soda plus wine and alcohol bottles).

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Difference from other DRS systems

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- Endurvinnslan accepts damaged bottles and cans. Manually counted. (Established to clean the country)
- Simple system and cost effective.
- Possible due to no adjacent country borders.

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Benefits of the DRS

- Clean material and good export prices
- Full circular economy. Endless recycling.
- Clean environment (bottles/cans picked up)

Co2 savings of recycling/year

(Efla 2015)			
Exported	Co2 units	Co2 ton	%
tons	ton	Savings	total
1700	9,00	15.300	73%
1300	2,50	3.250	15%
6000	0,41	2.460	12%
	Total	21.010	

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Benefits of the DRS

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- Lowers cost for the municipality (15% of trash is taken away)
- Socially responsible. Benefit for charitable institutions, institutes for disabled, scouts
- Helps establish a recycling mindset in general population.

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Issues in the system

- No participation of shops. Endurvinnslan has to build and maintain DRS deposit stations or use agents.
- Low residential areas manually handled (counting/fraud)
- High cost of glass recycling in Iceland
- Fraud!

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Issues in the system

- Restrictions on producers regarding labelling, barcodes. We cant get the right labels in the wine industry. (Small and horizontal)
- Tourists (do not know the DRS system)
- Some find the cost high. Iceland appr. 3,5 EUR cents/unit

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Apoio:



Our certifications



ISO 14001:2015



Carbon neutral
company



Equal pay



Environmental
awards -
Kuðungurinn

Thanks for your time

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 REPÚBLICA
PORTUGUESA
AMBIENTE E
AÇÃO CLIMÁTICA

Apoio:

NOVA
NOVA SCHOOL OF
BUSINESS & ECONOMICS

CASCAIS
Tudo começa nas pessoas