

Single use and reusable packaging synergy in Latvia's DRS

Brussels, June 18

Depozīta
punkts



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CEO

SIA Depozīta Iepakojuma Operators

Facts about Latvia

Population:

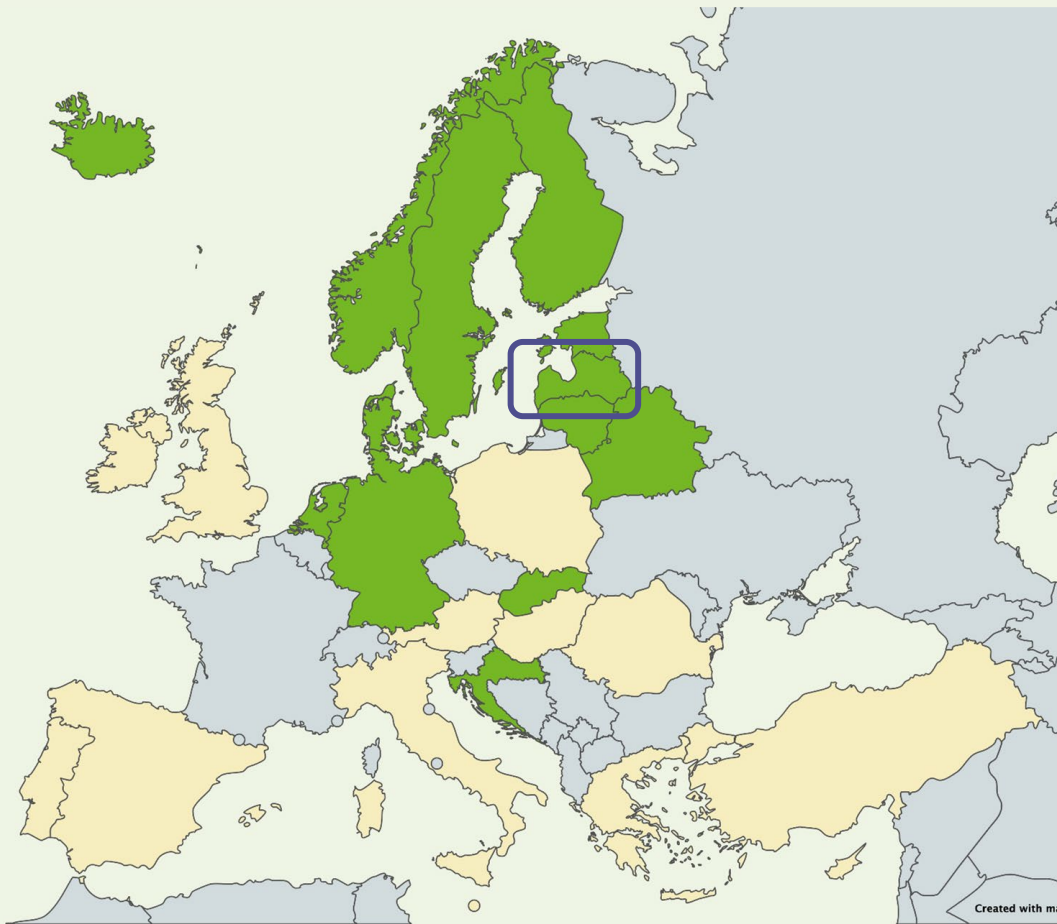
~1 880 000

Area:

64 594 km²

Annual deposit
packaging volume:

**523 millions
(2024)**



Deposit system in numbers

Infrastructure

- **1160** RVMs installed
- **180** outdoor kiosks installed
(collecting 55% of all volumes)
- **4** bulk collection sites
- **360** manual deposit points
(collecting 4% of all volumes)
- **620** HoReCa collection points
(collecting 1% of all volumes)

Partners

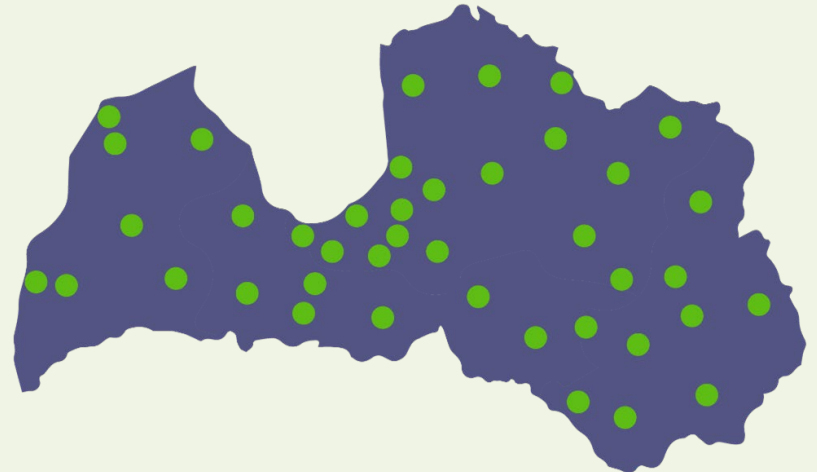
- Contracts with > **436** retailers
- Contracts with > **342** producers and importers

DIO team

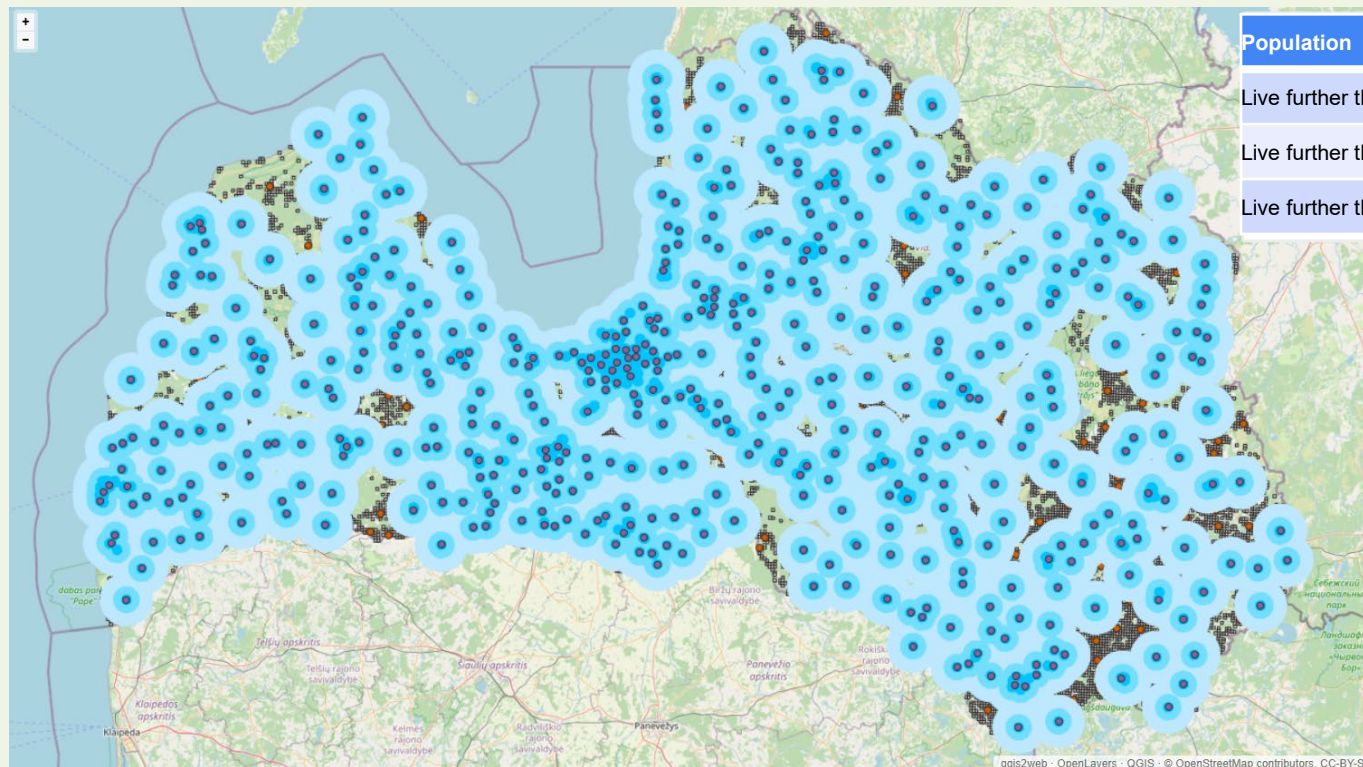
- **23** employees

Packaging register

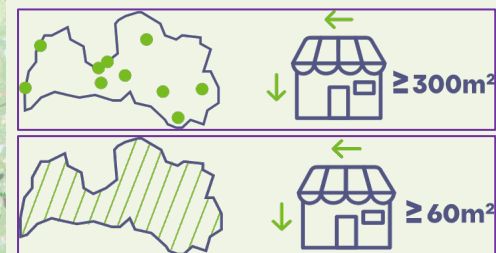
- **>12 600 EAN codes/products**
registered so far



Return network








Population	1 880 000	
Live further than 2km from DP	264 200	14%
Live further than 5km from DP	106 900	6%
Live further than 10km no DP	15 300	1%



DRS scope and material split

Includes recyclable and reusable packaging

Non-alcoholic beverages: water, soft drinks, juice, energy drinks	Beer	Alcoholic mix drinks up to 15% alcohol content	Other alcoholic drinks
 Plastic PET bottles	 Plastic PET bottles	 Plastic PET bottles	 Plastic PET bottles
 Cans	 Cans	 Cans	 Cans
 Glass bottles	 Glass bottles	 Glass bottles	
Volume: 0,1–3 liters (excluding)			

Excluded: wine, milk and hard alcohol

Accreditation period

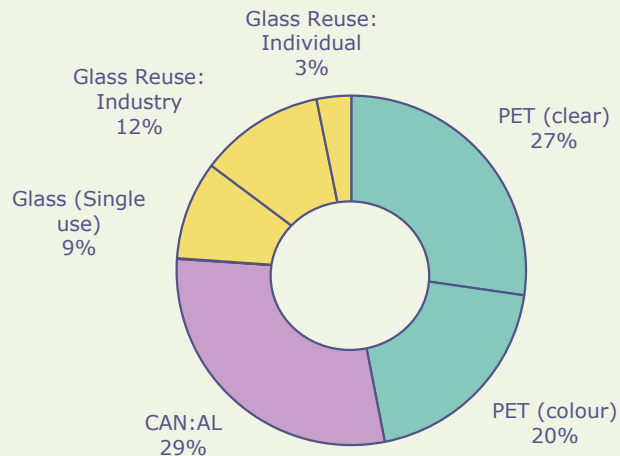
7 years



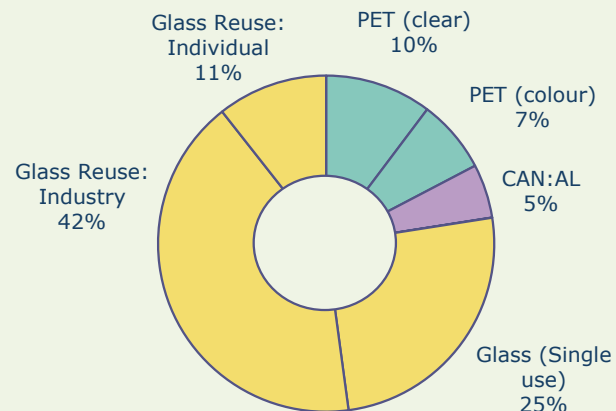
Deposit fee set for 0,10 € for all materials and sizes

DRS material split

of units sold
(523 M in 2024)



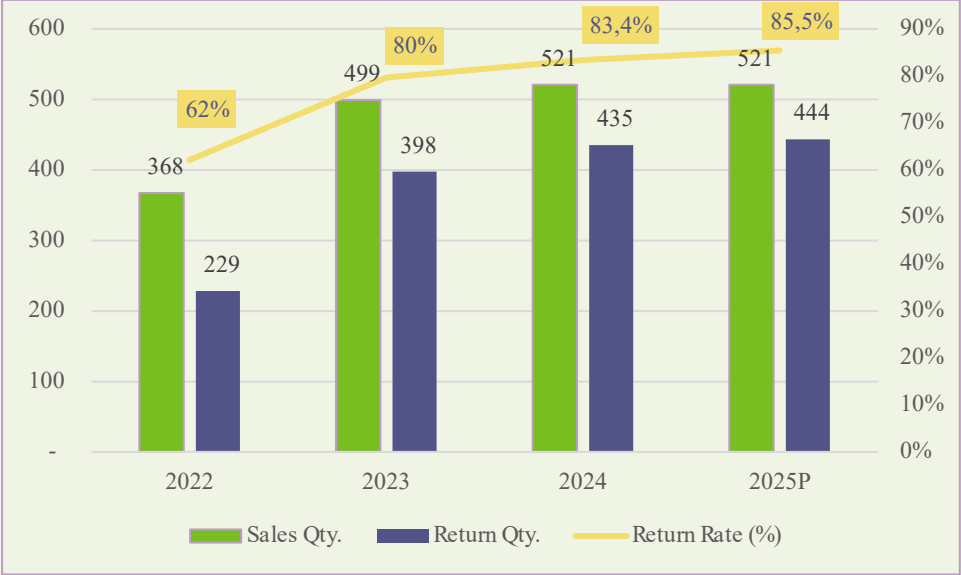
Tons of material
(48k tons 2024)



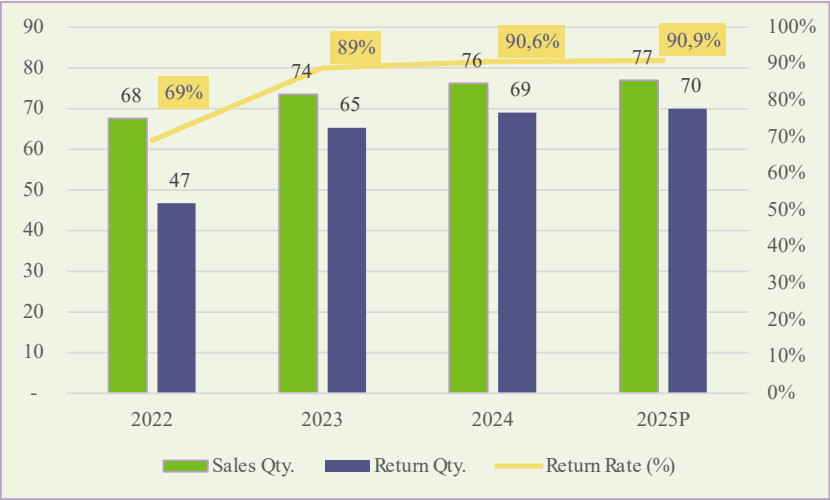
- Reusable glass bottle(RGB) – 15% of all packaging put to the market
- Reusable packaging is full DRS operator responsibility – collection, logistics, returning
- For high volume individual design RGBs logistics are delegated back to producers, producers keep unredeamed deposit

Average collection rates by year

Average, all packages



Refillable glass bottles



Standard refillable bottle

- Used by 28+ breweries
- Process fully controlled by operator
- Producers without washing facilities required sell returned bottles to any producer having washing facility
- Access to refillables for small breweries
- Helped to reduce No. of RGBs Shapes from 30 to 14



Refillable results so far

Returned to breweries

200 mln.

of refillables

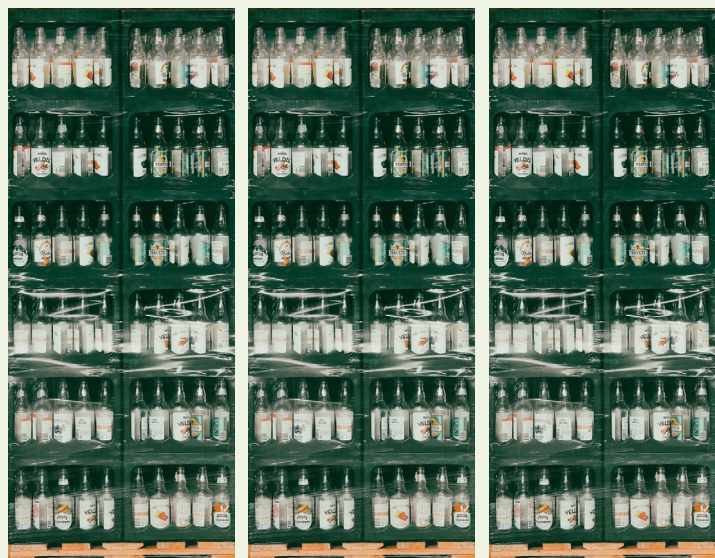
Reused

62 000 t

of glass

323 GWh

of energy saved



Collection of RGBs



Sorting and counting



- Mixed deliveries of all materials (bags and crates) Shops => DIO SC



GLASS STREAM

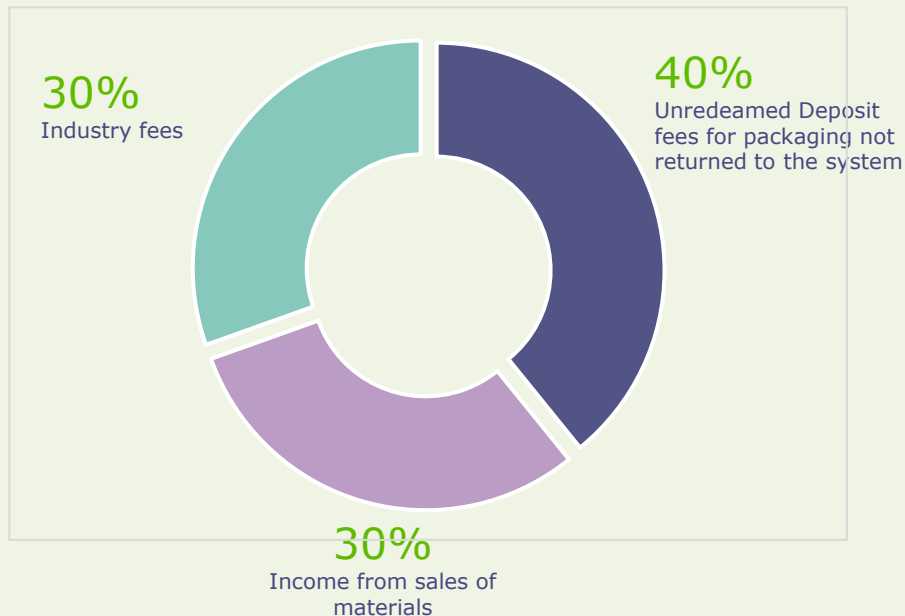


Finance

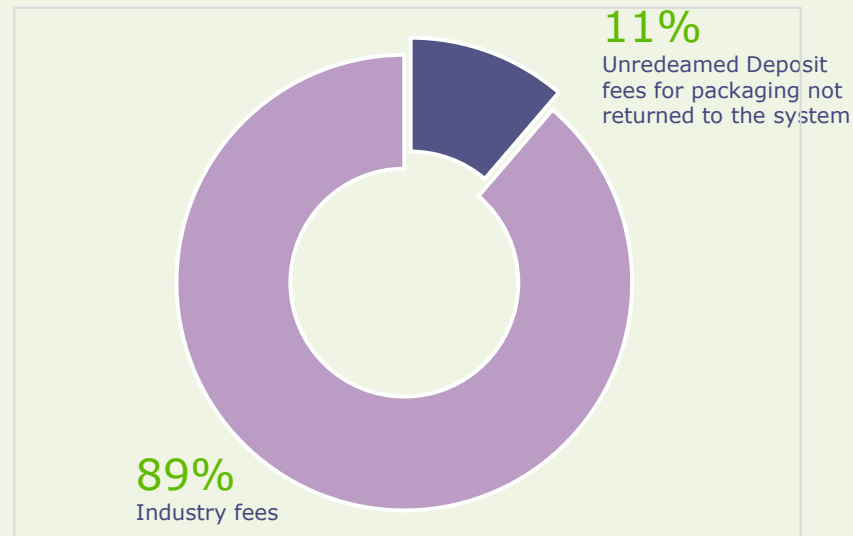


- The financing sources (revenue streams) are:

SINGLE USE PACKAGING



STANDARD REFILL PACKAGING



Main conclusions

- Adding refillable to DRS scope makes sense
- Reusable bottles can be efficient solution at certain conditions influenced by:
 - geography, distances
 - density of population
 - consumer culture&preferences
- Standard RGB can increase efficiency and reduce complexity at retail
- In each situation detailed analysis of overall CO2 footprint should be done
- CO2 emissions cost money
- Latvia example shows that for glass packaging RGB is more cost efficient if compared to recyclable glass



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Thank you!

