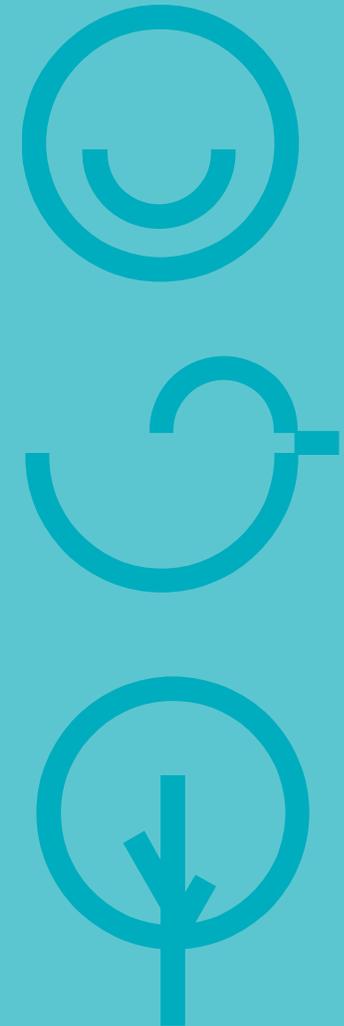# Lithuania's Deposit System

Public institution
Užstato Sistemos Administratorius

Deposit system management

A public institution *Užstato Sistemos Administratorius (**USAD**)* is a non-profit organization that has an underlying objective of managing the deposit system as indicated in Law on Packaging and Packaging Waste

- **Founded and managed by directly involved industries**
  › Lithuanian Brewers Association
  › Association of Lithuanian Trade Enterprises
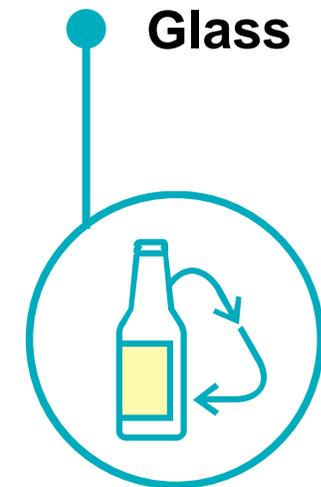 › Lithuanian Natural Mineral Water Manufacturers' Association
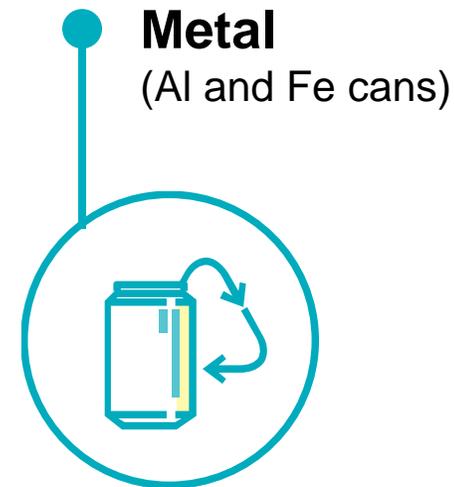
Deposit system scope

Beverage packages types in the mandatory deposit system (capacity from 0,10 to 3,0 litre):

PET

Metal
(Al and Fe cans)

Glass

Deposit system scope

Beverage categories in the mandatory deposit system:

- › Beer, Beer mixes
- › Cider, Pear cider
- › Other fermented alcohol drinks and mixes

- › Non-alcoholic drinks
- › Water
- › Juices and nectars

Annual volumes ~600 mln beverage containers

Deposit system infrastructure

Amount of collection points and their types:
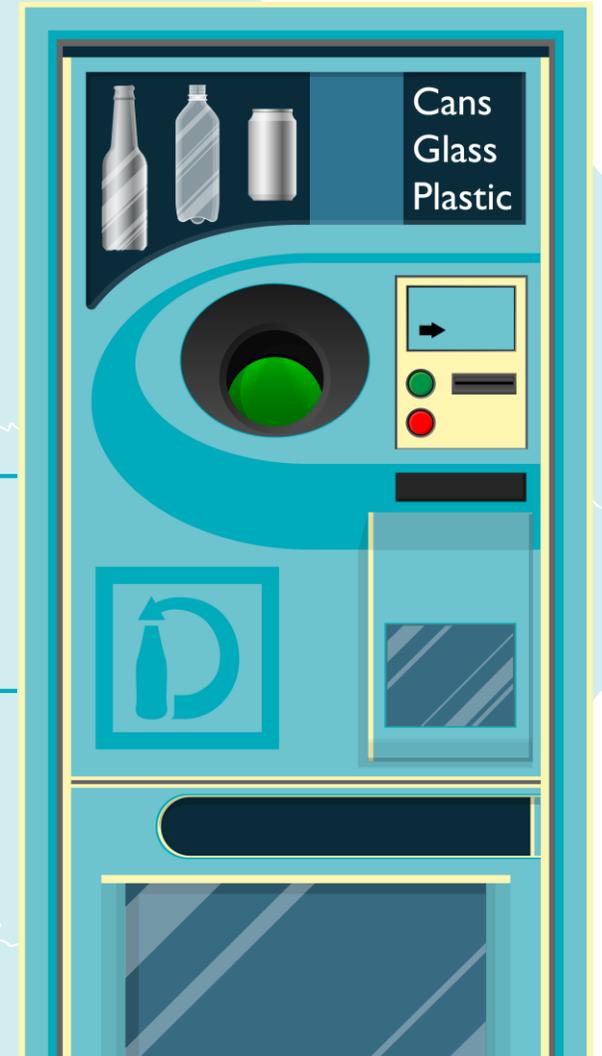
Reverse vending machine (RVM) points –

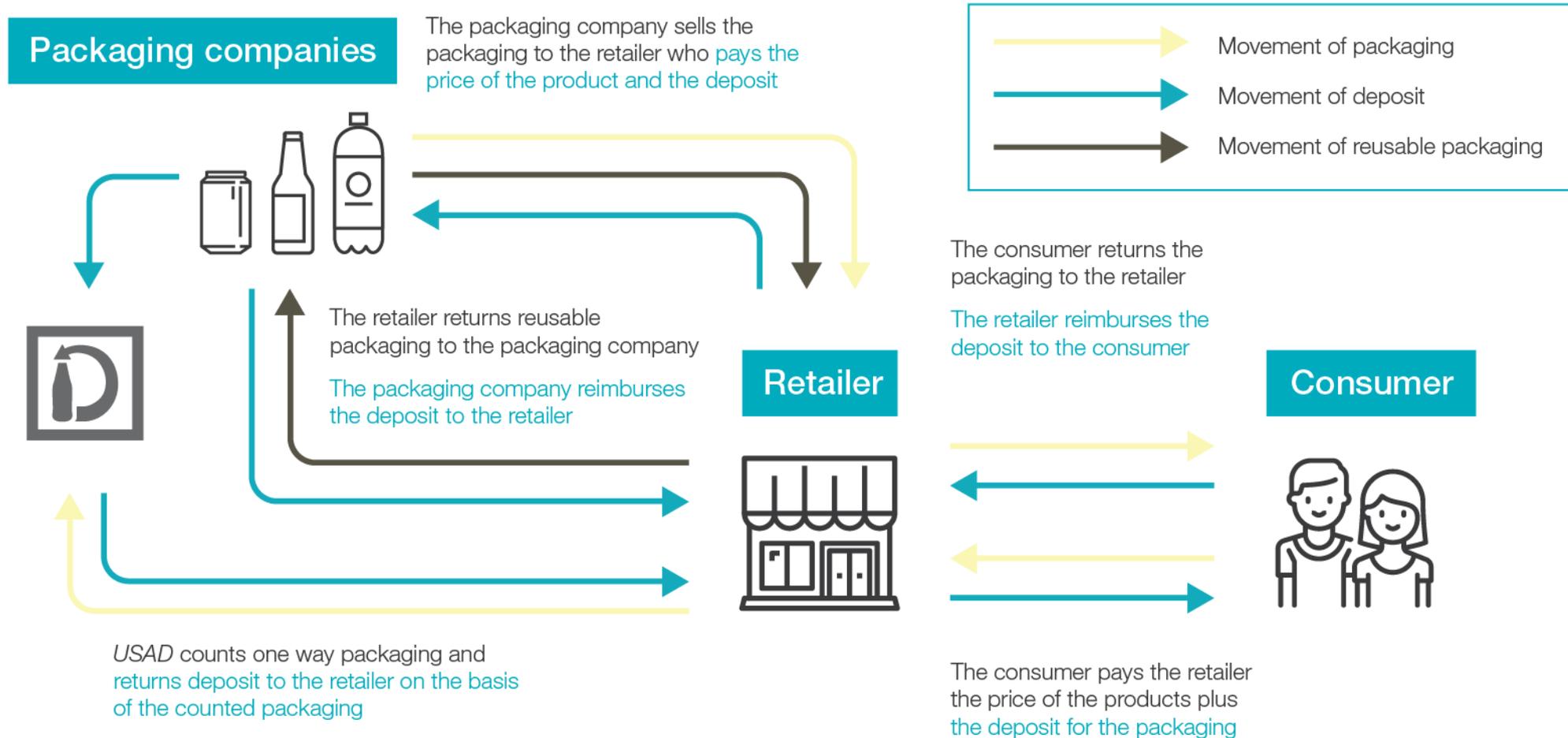**close to 1.000**

Manual collection points –

over 1.700

Total 2.700

In total over

1.100

RVMs installed

89%

of packages
are collected
in RVM points

Cans
Glass
Plastic

How does everything work?

Packaging companies

The packaging company sells the packaging to the retailer who pays the price of the product and the deposit

Movement of packaging

Movement of deposit

Movement of reusable packaging

The consumer returns the packaging to the retailer

The retailer reimburses the deposit to the consumer

The retailer returns reusable packaging to the packaging company

The packaging company reimburses the deposit to the retailer

Retailer

Consumer

USAD counts one way packaging and returns deposit to the retailer on the basis of the counted packaging

The consumer pays the retailer the price of the products plus the deposit for the packaging

Producers obligations

Marking deposit packages with **deposit logo**

Choosing type of **barcode:** universal or unique

Charging deposit for each sold deposit package

Participating in deposit system and **financing** it

0.10 €

112345 678900

Producers obligations

Producers and **importers** are the main sponsors of the deposit system

30% raw materials sale

Income

53% producer subsidy

17% unredeemed deposit
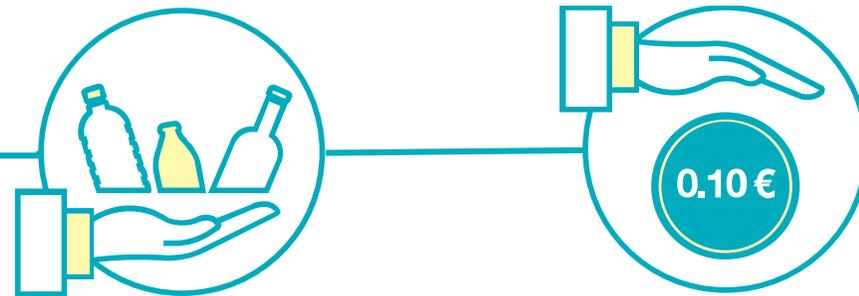
www.grazintiverta.lt/en
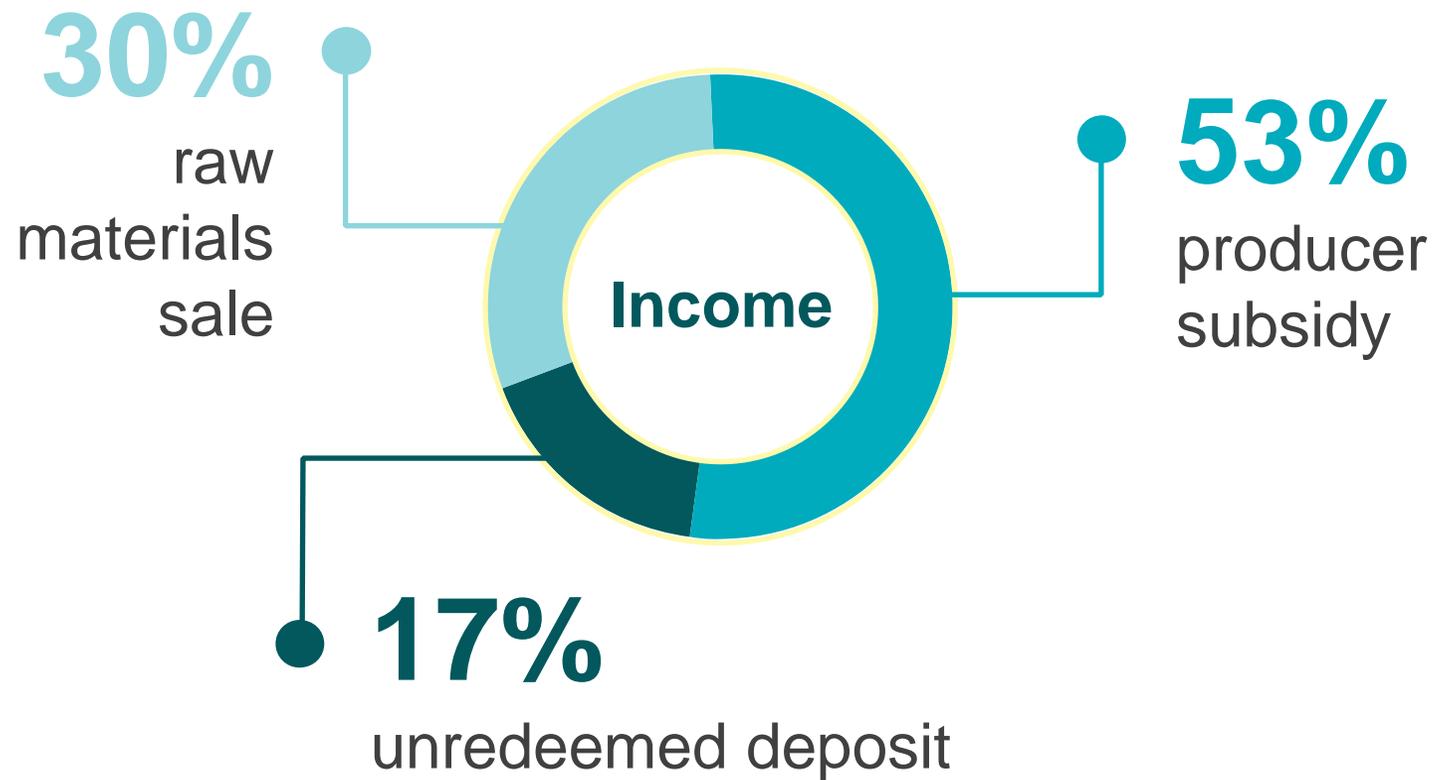
# Retailers obligations

Taking deposit
from consumers

0.10 €

Taking back deposit packages from
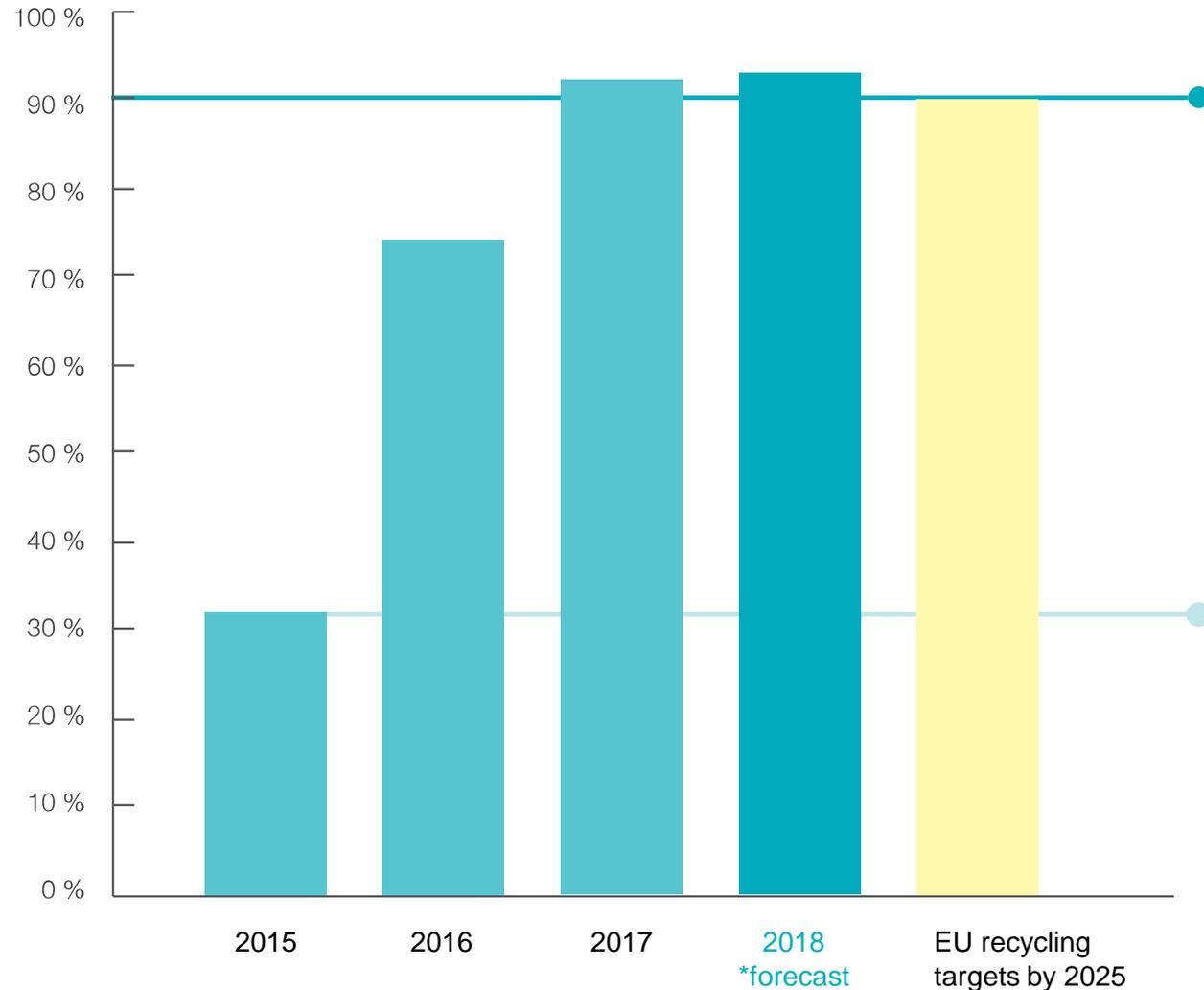consumers and returning deposit

0.10 €

Retailers obligations

74% of the deposit system expenses include Retailers and RVM cost (such as compensating collection cost and expenses of using RMV)

12%
logistics and materials

74%
retailers and RVM cost

14%
admin and operations

Input
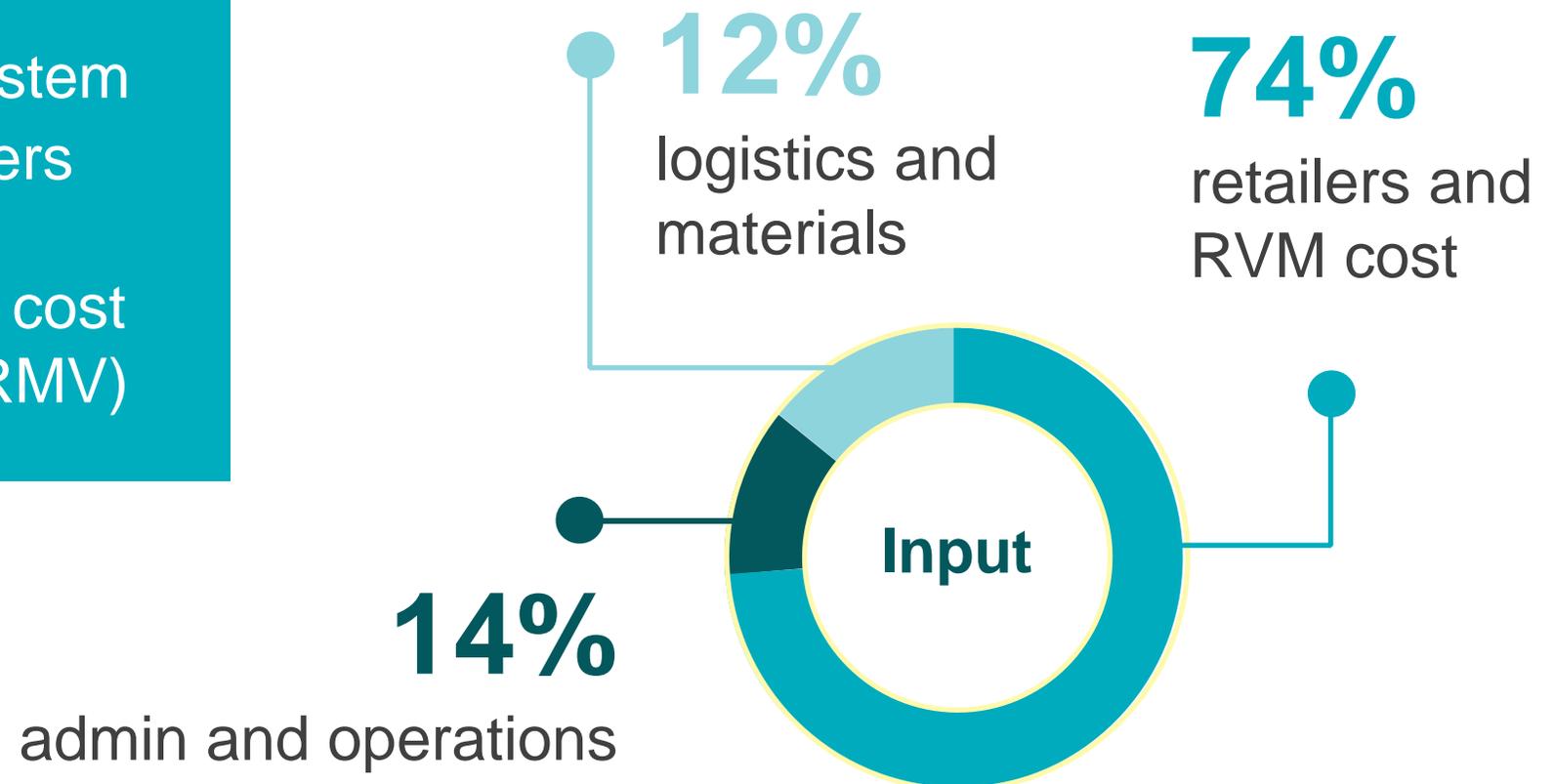
Collection & recycling results

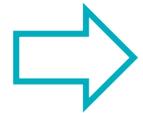Targets for **2025** are already **achieved and exeeded**

Deposit system allows higher recycling targets vs. container system

Before deposit system introduction PET bottles recycling **was below 33%**

Collection & recycling results

In the first 3 years we collected:

1.500.000.000 ⇨ **56.000** ⇨ **6 Eiffel towers**
beverage containers   tones

Recycling volumes:

2016 – **16.000 tones**   2017 – **20.000 tones**   2018 – approx. **20.000 tones**

Collection & recycling results

100% collected materials
are **recycled**

A very high quality
of collected materials –
clean and well sorted

What do consumers think?

2 years after launching the deposit system

97% of consumers answered that they are **satisfied** in general with functioning of the deposit system for single-use packaging
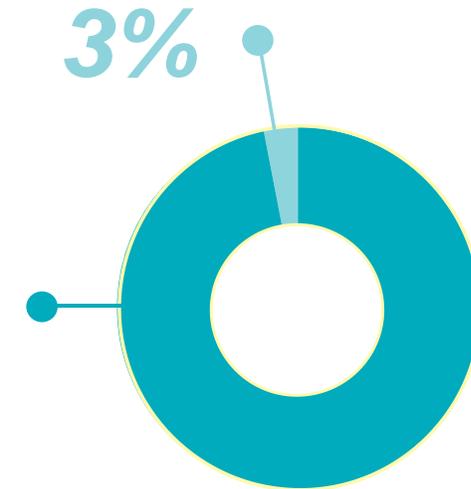
95% of consumers indicated that the **amount of garbage** in parks, at lakes and other natural places, visited by people, **decreased** after introduction of the packaging deposit system

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What do consumers think?

*2 years after launching the deposit system

97% *of consumers claimed that the* **deposit system is necessary**
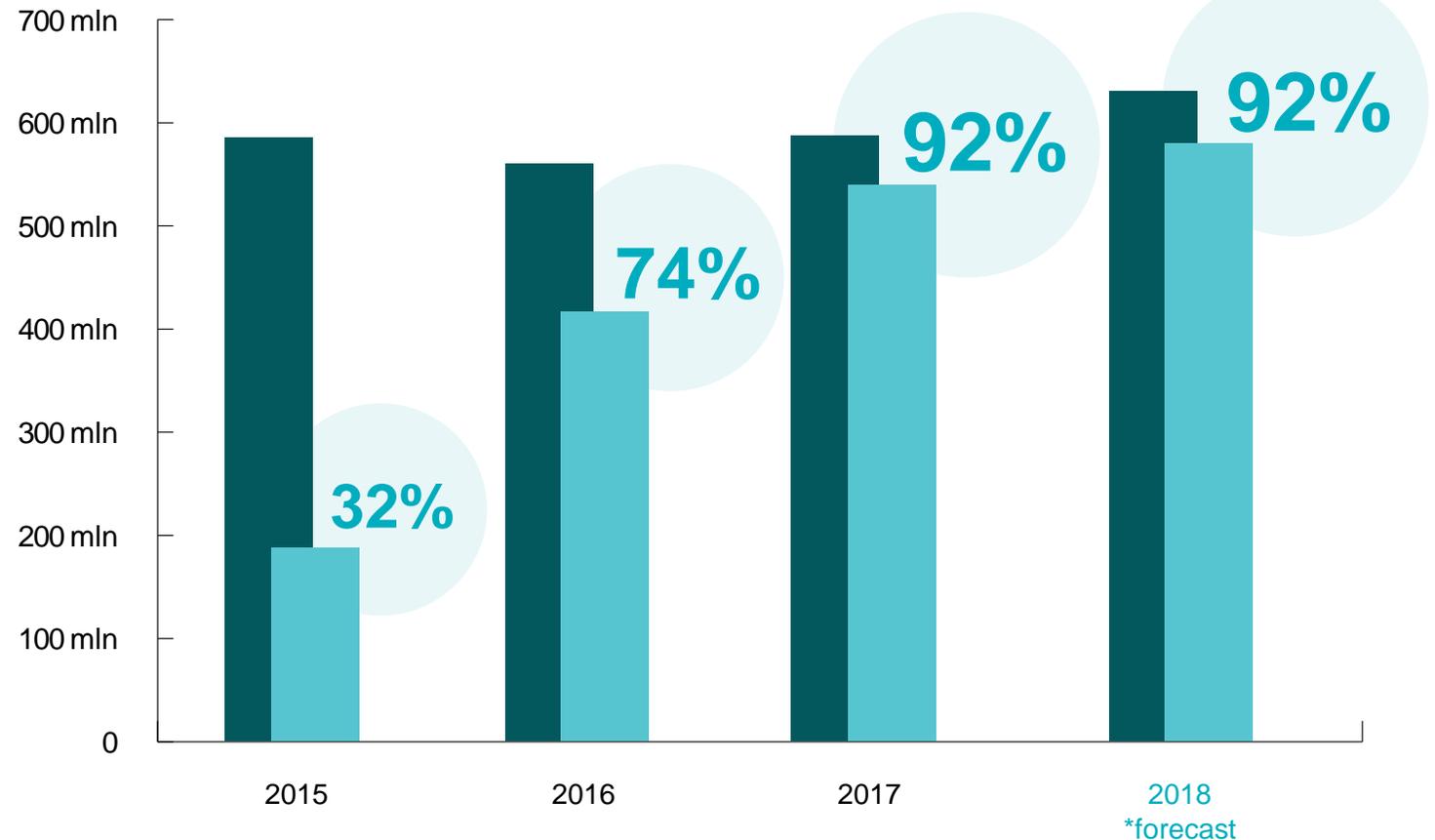
3%

Even more importantly:

93% of consumers admitted that introduction of the packaging deposit system encouraged them to regard sorting out of all-type waste with **more responsibility**

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Deposit system: key facts

Beverage packaging does not pollute surroundings anymore: there are much less beverage bottles in the coastal waste and other surroundings after launching the deposit system **in 2016**
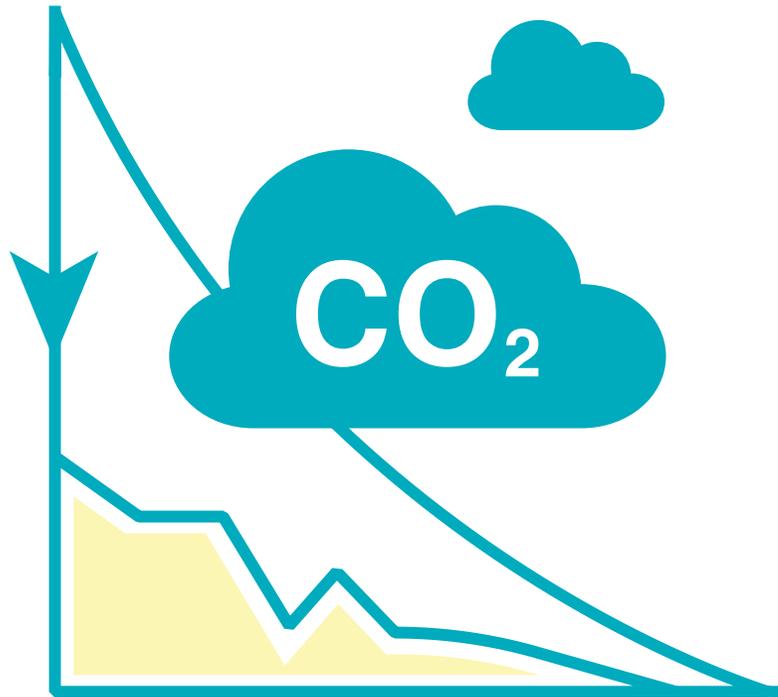

	2015	2016	2017	2018 *forecast

32%   74%   92%   92%

- packages in the market
- packages collected

USAD

Deposit system: key facts

EU PET recycling

targets by 2025 already achieved

2025

Only 9 people administrate the whole system

Deposit system: key facts

CO_2

Since the start of its operation, Lithuania's deposit system has

prevented 152.400 t CO_2 emissions

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