

DEPOSIT REFUND SYSTEM FOR BEVERAGE BOTTLES



The projects selected under the Environment Programme Call have contributed to increase the application of Circular Economy principles in production and consumption.



SOLUTIONS FOR DEPOSITING PLASTIC BOTTLES

The projects implemented a pilot deposit refund system for non-reusable beverage packaging, namely plastic bottles, this system could also include metal cans.

SOLUTIONS FOR REUSING PLASTIC BOTTLES

These projects presented solutions for the design of reusable plastic bottles and/or for plastic bottle reuse systems.



SOLUTIONS FOR PRODUCERS TO USE RECYCLED PLASTIC BOTTLES

The projects developed and implemented solutions for the design, production and use of plastic bottles made entirely or partially from recycled materials.

SOLUTIONS FOR TREATING AND RECYCLING PLASTIC BOTTLES

These projects aimed to increase recycling and the quality of recycled materials, in particular plastics, by developing recycling capacity, improving the efficiency of treatment and recycling processes and innovative solutions.



Results



7

**Number of
jobs created**

143,1

**Tonnes of
recycled
plastic**

19

**Retail
entities
involved**

33

**Beverage
industry
organizations
participating
in the deposit
system**



Iceland
Liechtenstein
Norway grants

Results



Fund: 6.4M €

Total Investment: 9.0M €

12 359 589

Packages collected by the systems

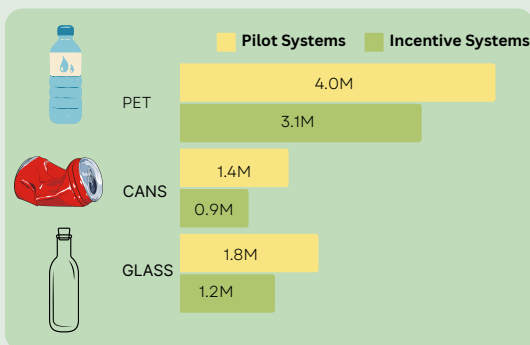
585,78 TONNES

Packaging collected and sent for recycling

1 863 333

Population served by pilot and
incentive systems

TYPOLGY AND NUMBER OF PACKAGES COLLECTED PER SYSTEM



PROJECTS

Environment Programme

91

**Machines
Installed**

25

DEPOSIT SYSTEM FOR NON-REUSABLE BEVERAGE PACKAGING IN THE AZORES

- Pilot System
- Promoter: Regional Directorate for the Environment
- Total Amount: 941 058,97 €
- Azores

OESTE + RECICLA

- Pilot System
- Promoter: OesteCIM
- Total Amount: 999 676,00 €
- West Region

18

5

PARA CÁ DO MARÃO EMBALAGENS NÃO!

- Pilot System
- Promoter: Vila Real Municipality
- Total Amount: 751 103,94 €
- Vila Real

MAFRA RECICLAR A VALER +

- Pilot System
- Promoter: Mafra Municipality
- Total Amount: 840 000,00 €
- Mafra

12

6

REAP

- Pilot System
- Promoter: University of Aveiro
- Total Amount: 935 598,88 €
- Aveiro

BEBIDAS + CIRCULARES

- Incentives System
- Promoter: APIAM
- Total Amount: 999 503,00 €
- Lisbon

15

10

IREC

- Incentives System
- Promoter: Empresa Municipal de Ambiente de Cascais
- Total Amount: 856 405,19 €
- Cascais

DEPOSIT AND RETURN PILOT SYSTEM

66

**Machines
Installed**

1 103 413

Population served

TEST SYSTEM FOR FORWARDING NON-REUSABLE PLASTIC, ALUMINUM AND GLASS BOTTLES FOR RECYCLING AND THE PRODUCTION OF HIGH QUALITY RECYCLED MATERIAL, COMPATIBLE WITH THE NECESSARY REQUIREMENTS FOR ITS INCORPORATION IN THE PRODUCTION OF NEW BEVERAGE BOTTLES

25

DEPOSIT SYSTEM FOR NON-REUSABLE BEVERAGE PACKAGING IN THE AZORES

- CASH REFUND
 - 0,05€ PER PACKAGE UP TO 2,5L



18

OESTE + RECICLA

- TRANSPORT TICKETS
- DISCOUNT ATTRIBUTED BY TYPE OF PACKAGING:
 - €0.02 PER PACKAGE UP TO 0.5L
 - €0.05 PER PACKAGE BETWEEN 0.5L AND 3L



8

MAFRA RECICLAR A VALER +

- CASH REFUND
- DISCOUNT ON PURCHASES IN HYPERMARKETS



6

REAP

- CASH REFUND



5

PARA CÁ DO MARÃO
EMBALAGENS NÃO!

- CASH REFUND

25

**Machines
Installed**

759 920

Population Served

DEPOSIT SYSTEM FOR NON-REUSABLE PLASTIC, ALUMINUM AND GLASS PACKAGING THROUGH AN INCENTIVE THAT CAN BE TRANSLATED INTO THE ATTRIBUTION OF A PRIZE TO THE FINAL CONSUMER.

15

IREC

- **PRIZES**
- **INTEGRATION WITH THE CITYPOINTS CASCAIS APP**
 - **ONE POINT FOR PACKAGES UP TO 0.5L**
 - **TWO POINTS FOR PACKAGES OVER 0.5L**



10

BEBIDAS + CIRCULARES

- **PRIZES**
- **CASH REFUND**
- **SOCIAL RESPONSIBILITY ASPECT WITH THE OPTION OF DONATING TO LOCAL CAUSES**
 - **€3,431 IN DONATIONS (2020/2021)**



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competitive and inclusive Europe**