

## DEPOSIT REFUND SYSTEM FOR BEVERAGE BOTTLES AND CANS - CALL#1



FAQ

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 (AND CANS)

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 (AND CANS)

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

### SOLUTIONS FOR TREATING AND RECYCLING PLASTIC BOTTLES (AND CANS)

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.



# PROJECTS

## Environment Programme

91

**Machines  
Installed**

**2**

### **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

**4**

**6**

### **IREC**

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

### **MAFRA RECICLAR A VALER +**

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

**8**

**9**

### **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

**10**

**12**

### **PARA CÁ DO MARÃO EMBALAGENS NÃO!**

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

# 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**



# Results



# 12 359 589

Packages collected by the systems

# 585,78 TONNES

Packaging collected and sent for recycling

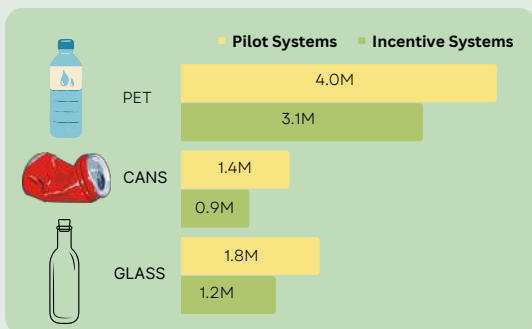
## TYPOLGY AND NUMBER OF PACKAGES COLLECTED



# 1 863 333

Population served by pilot and incentive systems

## TYPOLGY AND NUMBER OF PACKAGES COLLECTED PER SYSTEM



# 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

**2**

DEPOSIT SYSTEM FOR NON-REUSABLE BEVERAGE PACKAGING IN THE AZORES

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



**4**

OESTE + RECICLA

- 18 MACHINES INSTALLED
- TRANSPORT TICKETS
- DISCOUNT ATTRIBUTED BY TYPE OF PACKAGING:
  - PACKAGES WITH A VOLUME OF UP TO 0.5L (INCLUSIVE): €0.02 PER PACKAGE.
  - PACKAGES WITH A VOLUME GREATER THAN 0.5L AND UP TO 3L: €0.05 PER PACKAGE.



**8**

MAFRA RECICLAR A VALER +

- 12 MACHINES INSTALLED
- CASH REFUND
- DISCOUNT ON PURCHASES IN HYPERMARKETS



**9**

REAP

- 6 MACHINES INSTALLED
- CASH REFUND



**12**

PARA CÁ DO MARÃO  
EMBALAGENS NÃO!

- 5 MACHINES INSTALLED
- 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.**

**6**

IREC

- 15 MACHINES INSTALLED
- PRIZES
- INTEGRATION WITH THE CITYPOINTS CASCAIS APP
  - ONE POINT FOR PACKAGES WITH A CAPACITY OF LESS THAN 0.5L
  - TWO POINTS FOR PACKAGES WITH GREATER CAPACITY

DONATE

**10**

BEBIDAS + CIRCULARES

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



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