



AGÊNCIA
PORTUGUESA
DO AMBIENTE

Pre-defined Project: Packaging/deposit-return framework

Environment, Climate Change and Low Carbon Economy Programme

Kick-Off Event

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29/05/2019

Summary

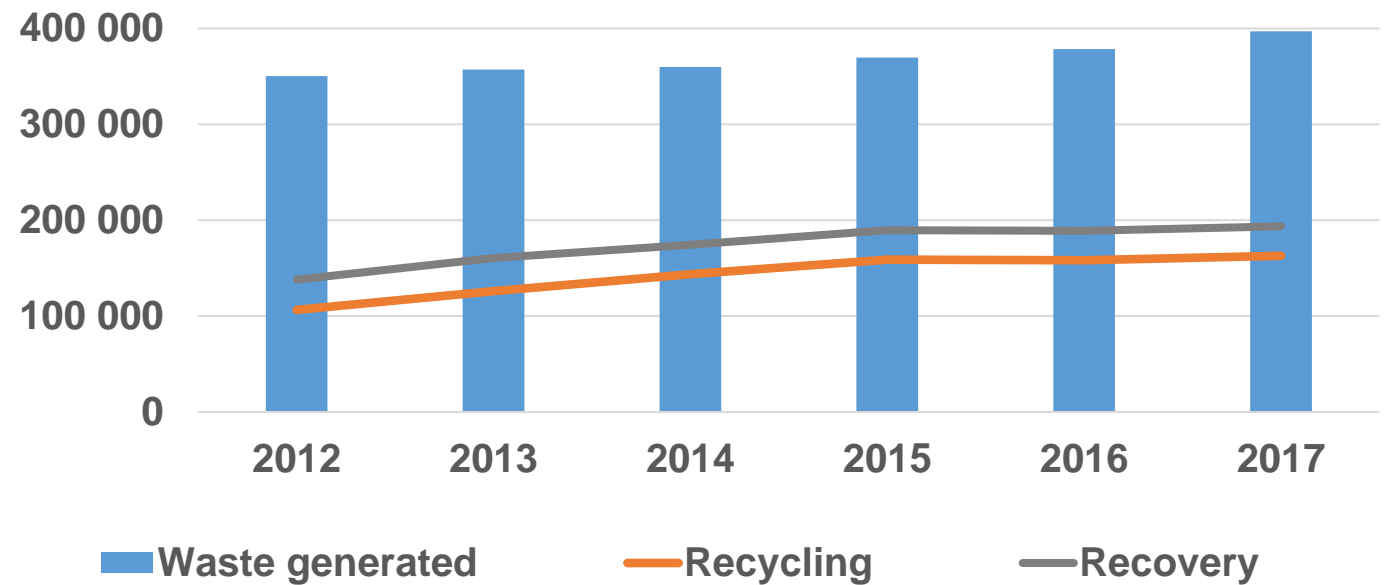
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Introduction

The management system for packaging waste based on EPR principle has been operational in Portugal since 1997.

In 2017, the recycling rate for plastic packaging of consumer products was ca. 41 %.

Plastic Packaging Recycled and Recovered in Portugal (tons)



- ❖ Single-use plastic beverage bottles are one of the marine litter items most found on the Union beaches due to ineffective separate collection systems and low participation by consumers.
- ❖ The revised Packaging and Packaging Waste Directive introduces a new plastic packaging recycling target of 55 % to be reached by 2030.
- ❖ SUP Directive establishes a minimum separate collection target for single-use plastic beverage bottles: 77 % by 2025 and 90 % by 2029. To reach that minimum target MS may choose to establish deposit-refund schemes.

- ❖ Faced with more wide-reaching collection and recycling goals, it is time to evaluate the current models for the management of plastic packaging in Portugal and consider new instruments for achieving the goals.
- ❖ In response, the output will be implemented by way of a pre-defined project based on cooperation between the Portuguese and the Norwegian Ministries of Environment (APA and NEA) that will contribute to strengthen the framework for the implementation of a deposit-refund system for plastic bottles in Portugal.

EEA Financial Mechanism 2014-2021

Programme Title:	Environment, Climate Change and Low Carbon Economy
Programme Area:	Environment and Ecosystems (PA 11)
Complementary Area:	Climate Change Mitigation and Adaptation (PA 13)
Programme Grant:	€24,000,000 (EEA Grants) + €4,000,000 (OE SGMATE)
Programme Operator:	General Secretariat of the Ministry for Environment
Donor Programme Partner:	Innovation Norway (IN)

Objective: Improved Environmental Status in ecosystems and reduced adverse effects of pollution and other human activities

Outcome 1: Increased application of circular economy principles in targeted sectors

Output 1.1 Deposit-refund system for beverage plastic bottles (and cans) piloted

Output 1.2 Strengthened framework for the management of plastic packing including a deposit-refund system for plastic bottles

Pre-defined Project

Project title:

Strengthened framework for the management of plastic packing including a deposit-refund system for plastic bottles

Project Promoter:

Portuguese Environment Agency (APA)

Project Partner(s):

Directorate-General for Economic Activities (DGAE)
Faculty of Sciences and Technology - New University of Lisbon (FCT-UNL)

Donor project partner(s):

The Norwegian Ministry of Climate and Environment, the Norwegian Environment Agency (NEA)

Total max. eligible project cost:

€150,000

Estimated duration:

18 months

Indicators and targets

Outputs	Description	Indicators	Baseline	Target
Output 1.2	Strengthened framework for the management of plastic packing including a deposit-refund system for plastic bottles	Regulation governing the deposit-refund system developed	No	Yes

The project will be implemented in three phases:

- (1) deepen knowledge**, including study visits between Portugal and Norway with the latter providing advice on setting-up a deposit-return system;
- (2) evaluate the current management models** of packaging waste and consider new instruments, involving an assessment study/cost-benefit analysis; and
- (3) definition of the legal framework** aiming at the target of developing regulation governing the deposit-refund system for plastic bottles in Portugal.

Activities

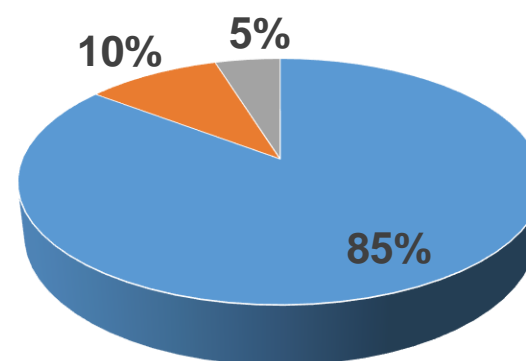
Phase	Activities	Executor / Partners / Others
Deepen knowledge	Study visit: Portugal to Norway	APA / NEA
	Study visit: Norway to Portugal	APA / NEA / Beverage industry; Retail; HORECA; PRO's
	Advice on setting-up a deposit-return system	APA / NEA / Beverage industry; Retail; HORECA; PRO's
	Benchmarking best practices EU	APA
Evaluate management models	Data collection/ Beverage and recycling industry consultation	APA / DGAE
	Evaluate the current models for management of packaging waste and consider new instruments for achieving the goals	APA / FCT / PRO's
	Cost-benefit analysis and evaluation of the value chain responsibilities of the new economic and regulatory model	APA / FCT / PRO's
	Follow-up of the supported projects	APA / DGAE
Define new legal framework	Definition of the legal framework for the deposit-return system	APA / DGAE
	Follow-up of the implementation of the legal framework	APA / DGAE

Timetable

Phase	Activities	2019 (in quarters)				Year 2020 (in quarters)			
Deepen knowledge	Study visit: Portugal to Norway								
	Study visit: Norway to Portugal								
	Advice on setting-up a deposit-return system								
	Benchmarking best practices EU								
Evaluate management models	Data collection/ Industry consultation								
	Evaluate the management models currently existing								
	Cost-benefit analysis								
	Follow-up of the supported projects								
Define new legal framework	Definition of the new legal framework								
	Follow-up of the implementation of the legal framework								

Budget

Budget headings	Cost (€)
Preparation of the project	14 800
Output / Activity 1 Deepen knowledge	42 000
Output / Activity 2 Evaluate management models	66 000
Output / Activity 3 Define new legal framework	20 000
Indirect costs	7 200
Total Project Cost	150 000



- Output related cost
- Project management cost
- Indirect costs

Final considerations

- ❖ The Project contributes towards the objective of the EEA Grants by strengthening bilateral relations and cooperation with donor states.
- ❖ The Project addresses the Programme objective, aiming to contribute to reducing dependence on the extraction of fossil fuels for plastics production and curb CO₂ emissions.
- ❖ The Project contributes to Outcome 1 by strengthen the build-up of a deposit system for plastic bottles in PT, which will have a positive impact on the collection, the quality of the collected material and the quality of the recyclates, in order to achieve a circular life cycle for plastics.
- ❖ The project is in line with the more wide-reaching collection and recycling goals put in place by the updated WFD and the SUP Directive.

Applying Circular Economy principles in production and consumption are key to addressing the challenges posed by plastics littering in Portugal.

THANK YOU!

