



European Union  
European Regional  
Development Fund

*Innovation in Waste Management Policies*

# SMART WASTE

Interreg Europe

**Action Plan**



**Bulgarian Association of Municipal  
Environmental Experts**



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## General Information

**Project :** Innovation in Waste Management Policies (SMART WASTE)

**Partner organization :**

Bulgarian Association of Municipal Environmental Experts - BAMEE

**Country :** Bulgaria

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## Introduction

The SMART WASTE project focuses on the role local, regional and national authorities can play in promoting successful innovation in waste management systems to reduce, reuse, recycle and recover waste. SMART WASTE wants to improve public policy instruments supporting innovation within waste management procedures. As a result of the project a smarter, more effective, sustainable, and cost-efficient waste management system, benefiting all territorial stakeholders will be implemented. SMART WASTE contributes to European waste policy, including the Environmental Action Programme and the new Circular Economy rules. It contributes to Europe 2020 objectives for smart and sustainable growth.

Particularly, the SMART WASTE project's start-up phase identified as key failure the lack of specific support of Operational programme Environment 2014-2020 (OPE) to innovation in waste management system. The main reason for this, according to Smart Waste Evaluation Methodology application, is simply that OPE supported development of landfills and the system relies mainly on the subsequent separation of mixed municipal waste. Although the support in the **Waste sector** (Priority Axis 2 of OPE) is in line with the needs in the area of municipal waste management, the target set for increasing waste recycling capacity is not ambitious enough given the funds allocated for this purpose.

The introduction of innovative approaches thanks to the participation in SMART WASTE project provided BAMEE with the resources and inspiration on how to improve the structure of demonstration projects for development of new, non-traditional successful waste management interventions funded as pilot scheme within the OP Environment Axis 2 Waste. This is the perfect opportunity to introduce proposals for innovation measures learned from interregional learning within the SMART WASTE project. Demonstration projects are needed to prove the feasibility of similar programmes, to adapt them to the specific situation of each municipality in Bulgaria and to raise capacity of the waste management personnel.

The purpose of this **Action Plan** is to provide a framework for implementation of actions toward achieving SMART WASTE objectives. The core activity of the RAP aims to contribute to introduction of innovative approaches in waste management system in the Policy Instrument selected - Operational programme Environment (OPE), Priority Axis 2 – Waste. The Action plan development process was geared by BAMEE in cooperation with external experts, environmental experts of the Bulgarian Municipalities, with contribution of Managing Authority of OP Environment and other stakeholders coming from partner NGOs and businesses.

During the first phase of SMART WASTE project, the team members of BAMEE together with the stakeholders participated actively in the inter-regional learning events. All the good practices and cases were gathered and presented to the Local Stakeholder Group (SG) providing detailed information on innovative approaches in waste management systems on local, regional and national level. This was possible due to the regular SG meetings hosted by BAMEE most of them being online following the COVID 19 pandemic restrictions. The SG was composed by:

- Representatives of Ministry of Environment
- Governmental agencies for environmental monitoring and protection
- Municipalities in Bulgaria, represented by their environmental experts
- Local public-private partnership entities (e.g. public utilities) dealing with waste management
- Environmental NGOs

The Action Plan development process was carried out in close contact with the Managing Authority, through the learning process foreseen by the SMART WASTE project and carefully evaluating the good practices that could have a real transferability (in this moment) both on Regional (South West Region) and on National level in Bulgaria.

## Policy context

The policy instrument addressed by BAMEE within SMART WASTE is OP Environment 2014-2020 (OPE), Priority Axis 2 which is dedicated to Waste. The purpose of OPE is to achieve compliance with the EU waste management hierarchy and objectives of national legislation. It funds measures for improved municipal waste management, in line with the National Waste Management Plan for the period 2014 - 2020. It should achieve reduction of waste going to landfill through re-use, recycling and recovery.

The support provided through the OPE implementation in Bulgaria is predominantly for development of landfills and subsequent separation of mixed municipal waste. Investments in waste management infrastructure in Bulgaria to ensure refinement of separate source waste collection systems and collection of clean raw materials are limited and are focussed on green waste collection. So far 14 projects at the value of 35 mln Euro for green waste collection were funded. It means that only 11% of the total 318 mln Euro allocated for waste management are used for collection of clean materials. The eligible investments include development of installations for composting and preliminary treatment of waste. The practice that has been established is to rely mainly on the subsequent separation of mixed municipal waste.

The policy instrument does not suggest specific innovative approaches or tools. Municipalities are given a wide choice of initiatives to be implemented, but a lack of expertise restricts them from trying innovative approaches.

The analysis of the current situation shows that in Bulgaria there is significant potential to improve waste prevention and its management, better use of resources, development of new markets, and new jobs, as at the same time reduce the harmful effects of waste on the environment.

A new National waste management plan for 2021-2027 was adopted in June 2021. The Plan plays a key role in achieving a resource-efficient and sustainable waste management for the next programming period and Operational Programme Environment 2021 – 2027. Decisions for reforms and investments for the transition to a circular and innovative economy, made with the new plan, will determine Bulgaria's development for the decades to come. It is therefore important that all expertise and resources are used to make the necessary changes.

## Details of the Action Envisaged

### Title of the Action

**Demonstration projects in waste management for increased recycling and re-use capacity on municipal level**

### Policy Need Addressed

OP Environment 2014 – 2020 in Bulgaria does not provide specific support to innovation in waste management system.

Innovation in waste management system and applied technologies is necessary to achieve the goals set in the Directive 2018/98 of the EU Parliament and of the Council. The Directive delivered new and ambitious targets concerning preparing for re-use and recycling of household waste and possibly from other origins, so support to innovation in preparing for re-use and recycling municipal waste management is of paramount importance in order to achieve the abovementioned new targets.

This Directive sets long-term objectives for the Union's waste management and gives economic operators a clear direction for the investments needed to achieve those objectives. Investments in waste management infrastructure in Bulgaria to ensure refinement of separate source waste collection systems and collection of clean raw materials are limited and are focussed on green waste collection. The practice that has been established is to rely mainly on the subsequent separation of mixed municipal waste.

The spending of OP Environment 2014 – 2020 up to now is resulting in low outcomes such as quantity of separated recyclables at low quality and low quantities of compost from green waste and bio-waste treatment by anaerobic installations. The composting facilities are mainly used for pre-separated "green waste" coming from park maintenance as separate collection of organic waste from households is in its infancy although Sofia municipality is also reporting on food waste to be delivered for anaerobic digestion.

So far OP Environment 2014 – 2020 funded only 3 projects related to bio-economy which in their essence are focused on anaerobic digestion plants out of 85 projects in total approved for priority Axis 2 – Waste.

The main reason for this possible failure, according to Smart Waste Evaluation Methodology application, is simply that in Bulgaria although limited there is support for innovation in waste recycling in the manufacturing industry rather than innovation in municipal waste management, in the 2014 – 2020 programming period. This support is provided by OP Innovation and Competitiveness 2014 – 2020.

There is clearly room for improving OP Environment 2021 – 2027 support to innovation in preparing for re-use and recycling of household waste and possibly from other origins. Providing support to small demonstration projects for development of recycling centers is needed to prove the feasibility of similar programmes, to adapt them to the specific situation of each municipality and to raise capacity of the waste management personnel.

## Overview of the Policy Improvement that this Action refers to

The Policy Instrument addressed in the Action Plan is Operational programme Programme Environment (OPE) 2014-2020, Priority Axis – Waste; SO1 - Reducing the amount of waste going to landfills. The policy instrument funds measures for improved municipal waste management aiming at reduction of waste going to landfill through re-use, recycling and recovery. As explained in the Policy Context section, the policy instrument does not suggest specific innovative approaches or tools. Municipalities are given a wide choice of initiatives to be implemented, but a lack of expertise restricts them from trying innovative approaches.

The policy improvement produced by BAMEE's action falls under Type 1 – New Projects.

Thanks to the learnings from Smart Waste project implementation in Bulgaria various Municipalities received support from BAMEE experts in preparation of demonstration projects for development of new, non-traditional successful waste management interventions. The objective was the local authorities to submit demonstration projects for financing under Procedure BG16M1OP002-2.009 – Demonstration waste management projects of OPE 2014 -2021. The procedure was meant to finance activities related to prevention of household waste generation and/or preparation for reuse, and/or for recycling. Three of the projects have been approved for funding.

Municipality of Petrich project “Reduction of household waste” was approved on 24.08.2020. The activities include development of plan for generation of clean waste flow from households, businesses and schools in the municipality and awareness campaign raising among citizens on waste management. The waste streams include plastic, paper and textile.

The second project “Waste management in Pirad Municipality” was approved on 14.08.2020. The activities include development of models

for separate collection and recycling of household waste, including introduction of pilot scheme and awareness campaign among citizens on household waste management.

Municipality of Etropole project “Transition to circular economy through household waste treatment” was approved on 14.08.2020. The activities include education and awareness raising among citizens and students on household waste generation and approaches to reduce it.

The innovative aspect in all the projects is seen in specific support for demo projects in waste management and increasing recycling and re-use capacity on municipal level.

The BAMEE contribution comes from 3 main perspectives, all benefiting from interregional learning in SMART WASTE (as described in section “Background” below):

### 1. Support in project proposal preparation

In this phase, BAMEE's experts supported the three Municipalities in developing the proposals, thanks to their experience and knowledge. In addition the Smart Waste project was under preparation and the weaknesses and problems in these systems have been identified and included in the Smart Waste project proposal.

### 2. Support in project development

After the projects' approval in 2020, the municipalities beneficiaries were supported in developing of analysis and rules so to minimise waste generation and realize waste streams separation for further reuse and recycling in households, schools and administrative buildings in the territories of the municipalities. Another important input by BAMEE is development an information and awareness raising campaign to promote the results of the demonstration projects in order to change citizens' behaviour and make informed decisions in the management of household

waste. Drawing public attention to the prevention of the generation of household waste, the preparation for reuse and separate collection of household waste with subsequent recycling is the most important step in stimulating environmentally friendly behavioural change in order to create a zero-waste society.

3. Enhanced monitoring of project results, resulting into recommendations for the Managing Authority to improve the next Program Environment 2021 – 2027

During the three projects' implementation period BAMEE will be involved in monitoring of indicators set. This includes reduction of waste in households and public buildings, the effectiveness of the information and awareness raising campaigns and how they influence the communities on the way to creating zero-waste society. The monitoring process will provide ground for development of recommendations to the Managing Authority for the next programming period to better support projects oriented to smart waste management and circularity. The upcoming forethinking and content preparation of the next municipal waste management plans could be discussed similarly among municipalities in Bulgaria.



## Background

The Smart Waste project focuses on Innovation in waste management system and applied technologies necessary to move to a circular economy through waste reduction and re-use.

The purpose of the Action Plan is to provide a framework of implementation toward achieving project objectives. For Bulgaria being among the countries in EU with lowest waste recycling rate, around 20% is crucial municipalities to implement projects where waste is turned into a product and landfill load is reduced significantly. Trough creation of the right infrastructure public authorities play an active role in deployment of containers, creation of centers for reuse and repair and exchange centers for unused items.

SMART WASTE has provided us with the resources and inspiration on how to improve the structure of demonstration municipal projects awarded for execution at the end of 2020. This is the perfect opportunity to introduce proposals for innovation measures learned from interregional learning within the SMART WASTE project.

Regular work with our stakeholders through the National Assembly of BAMEE and bilateral meetings with municipalities evolved in collaboration with three Municipalities (Pirdop, Petrich and Etropole) who expressed readiness for support in development and implementation of demonstration projects for prevention of waste generation, improved separate collection of waste at the source and reduction if biodegradable waste dropped on the landfills. The inter-regional exchange helped BAMEE to propose smart systems for waste prevention and biodegradable waste collection and treating. The LP demonstrated the systems applied in Tuscany Region and in addition valuable input came from P2 on how to engage the citizens and businesses in the waste management through awareness campaigns and developing information tools.

### ***Interregional exchange of experiences and lessons learnt***

In the course of the Smart Waste project implementation, the team members of BAMEE together with the stakeholders participated actively in the policy evaluation process following the methodology developed in Semester 2 of Smart Waste project implementation. All the good practices and cases developed by the project partners were also gathered and presented to the Local Stakeholder Group providing detailed information on the essence of innovative approaches in the waste management systems both on national and municipal level.

The development of the activity has been influenced by the exchange of experiences and knowledge achieved within the SMART WASTE project and more specifically the following:

- BAMEE team selected best practices that appeared most suited to the regional and national circumstances provided during the interregional learning events in Tuscany Region in September in 2019 and Kolding Municipality, Denmark in January 2020 as well as the online bilateral and trilateral project partner online meetings initiated by the Lead Partner for presentation of good practices and exchange of experience organised in the first half of 2021. Meetings took place on 14/04/2021, 07/05/2021 and 04/06/2021, exchanging local and national experiences and expertise on topics such as national and local Operational Programmes of the European Regional Development Funds support to innovation in waste management, waste management data gathering into force in partner's territories, technology for separating food waste from collection bags, municipal waste separate collection systems, municipal waste management plan development, construction and demolition waste management;
- Participation of stakeholders – representatives of municipalities in the interregional learning events;
- Participation of local stakeholders and foreign experts in the BAMEE National Assembly organised twice a year on an annual basis.

During the project it was possible to deduce that these elements that could have a direct connection with what is foreseen by the OP Environment 2014 - 2020, Priority Axes 2 are the demo projects in waste management and increasing recycling and re-use capacity on municipal level. The criterion for selection of the good practices have been developed based on stakeholders input in combination of local/regional/national priorities and best practices seen, and include: (i) transferability and applicability of the practice in the regional/national context; (ii) possibility to contribute to better governance of the policy instrument OP Environment 2014 – 2020 in direction introduction of innovative approaches; (iii) possibility to monitor the results achieved in respect to the investments in demonstration projects in waste management and increasing recycling and re-use capacity on municipal level.

SMART WASTE activities triggered the idea of a common framework for local municipal demonstration projects, with a view on effective evaluation of the challenges of OPE and the demonstration projects funded by OPE. The projects of the municipalities will demonstrate innovative systems of collection and treating of biodegradable waste from households and schools for successful green transition and reduced load on the landfills. These systems will be continuously updated and improved thanks to input coming from: interregional exchange, local discussion, and of course future and existing projects.

The three projects “Reduction of household waste” in Petrich Municipality, “Waste management in Pirdop Municipality” and “Transition to circular economy through household waste treatment” in Etropole Municipality were influenced by the GPs of P2, - Waste Management Communication Task Force - Creation of a communication taskforce that works with traditional communication, physical events all around the municipality, and educating school children and the system of Collection and treatment of biodegradable waste from households in Tuscany Region, presented by the Lead Partner.

The good practices of the Smart Waste project that helped to confirm these elements were different, but we focused on those, described below, which showed a precise adherence to the needs identified at the regional level.

**Waste management communication task force** is a good practice presented by the Project Partner 2 – Municipality of Kolding.

Kolding Municipality's Waste Management Department Redux has dedicated a communica-

tion task force to secure reaching citizens with important information and messages through broad and varied communication channels such as traditional media (tv, radio, newspaper), social media (Instagram, Facebook), school educational service, and innovative events about waste sorting, repair cafés, upcycling and more. It is a good example how to engage the citizens and businesses in the waste management through awareness campaigns and developing information. Transferable element of the practice is the involvement of municipal staff together with citizens in joint physical events all around the municipality, and educating school children tools so to create better relationship and mutual trust.

Another transferable element is the events' success evaluation by number of dialogues, how well the citizens received and understood the information, number of dissatisfied citizens and more.

The input was provided during the interregional meeting hosted by PP2 in Kolding in January 2020 and is available on the project website:

<https://www.interregeurope.eu/policylearning/good-practices/item/4322/waste-management-communication-task-force/>

### **Collection and treatment of biodegradable waste from households in Tuscany**

Important lesson for BAMEE is the organisation and structure of Municipal Biodegradable Waste Management, including green&food waste collection systems in Tuscany Region. Transferable elements to the local conditions in Bulgaria are the municipal green waste collection system on demand or through collection centers or both and the door to door waste collection system. In the door to door system every household receives from the Municipality and/or the company in charge of waste collection a set of small bins and bags for waste collection. Waste is collected at the front door of each household, according to a fixed schedule.

A lesson learnt is that biodegradable waste from separate collection exceeds today existing recycling plants capacities in Tuscany and solution to that namely anaerobic digestion plants for biomethane production could help to overcome the problem.

The input was provided during the National Assembly and stakeholder meeting online event hosted by BAMEE in Bulgaria on May 14th 2021 where the Lead Partner ARRR presented the system.

## Regional / Local input, including input from SMART WASTE Stakeholder Group

The regional/national input from the Stakeholder group is essential in the process of the Action Plan development. During the stakeholder group meetings, organised regularly throughout the project, and based on bilateral contacts with municipalities in Bulgaria the Smart Waste project objectives and Good Practices of the partners were presented and discussed. They were also actively involved in the identification of weaknesses/challenges of the Policy instrument to be addressed in line with Smart Waste project. On December 4th, 2020, BAMEE hosted a stakeholder meeting based on ZOOM platform. The first point on the meeting agenda was to present to the stakeholders, i.e. representatives of 35 municipalities all over Bulgaria, Ministry of Environment and NGOs involved in Green Transition identified gaps in the Policy instrument regarding innovation in waste management systems and in particular biodegradable waste. The matrix with failures and the good practices described by the Smart Waste partners was presented to the participants and they were asked to give their opinion on the failures identified with regards to Policy instrument for Bulgaria. Furthermore the good practices are communicated regularly to the stakeholder group in Bulgaria and stakeholders were asked about their opinion on applicability of these practices to the local situation.

In addition two surveys were organised by BAMEE among number of municipalities in Bulgaria on: (i) needs for support to municipal environmental experts on introduction of integrated innovative practices for biowaste collection and treatment in May 2021; (ii) the readiness to introduce circular economy concept within the local administration and among the local ecosystem, organised in the period July – August, 2021. The results of the surveys prove that more and more local authorities see the benefits that circularity integrated in the waste management systems can bring but they need to be trained regularly on latest developments and changes in strategic documents on waste management and others.

The main conclusions drawn from the interaction with the Stakeholder group can be summarised as follows:

- (i) Change to the current system of mixed municipal waste collection is needed. Containers placed on the streets without clearly identified users are a prerequisite for poor control by the competent authorities.
- (ii) Investments in small scale manufacturing facilities is also much needed. Without treatment infrastructure close to source, the costs are getting higher and because of transportation, environmental and sanitation regulatory compliance requirements.
- (iii) Without proper information and awareness campaigns among citizens the efforts to set-up innovative waste management systems and clean waste streams will be unsuccessful.

The stakeholders will continue be involved in the activities foreseen in the Action Plan through participation in regular online meetings hosted by BAMEE to discuss latest trends in waste management legislation; new approaches and technologies applied in waste management in Bulgaria and abroad; information on new planning period Program Environment priorities. BAMEE will constantly develop new projects involving municipalities in different international and national projects aiming at innovation in waste management, information and communication campaigns implementation and training of municipal staff from different Bulgarian Municipalities on administrative capacity development and professional skills and knowledge on waste management.

## Specific Activities and Timeframe

### Activities already taken at national level in Phase 1

The implementation of the activities foreseen in Action 1: *Demonstration projects in waste management for increased recycling and re-use capacity on municipal level* started already in 2019.

BAMEE team is following the steps in Phase 1 as described in the table below.

#### November 2019

Submission of three demonstration projects of the municipalities of Pirdop, Petrich and Etropole for funding under OPE.

#### 27 – 29 November, 2019 – 4 December, 2020

Organization of two thematic workshops with participation of MOEW, municipalities, environmental experts and NGOs on National level to: (i) introduce Smart Waste Policy Instruments Innovation Evaluation Methodology to the municipal environmental experts; (ii) Presentation of Good Practices developed within Smart Waste project to incorporate relevant elements during the implementation of demonstration projects for development of new, non-traditional successful waste management interventions..

#### January 2021 – April 2021

Support to elaboration of methodology for development of plans and models for separate collection and recycling of household waste adopting SMART WASTE GPs. After the approval of the three projects the municipalities beneficiaries were supported in development of analysis and rules so to minimize waste generation and realize waste streams separation for further reuse and recycling in households, schools and administrative buildings in the territories of the municipalities.

#### September 2021 to the end of the project

Communication campaign for awareness raising among municipalities, beneficiaries under the OP Environment demonstration projects for development of new, non-traditional successful waste management interventions. The initiative initially is addressing the citizens of the three Municipalities with the demonstration projects, funded by OP Environment 2014 – 2020 are being implemented

However due to similarity in problems in waste management systems and communities engagement in resolving it the communication campaign for awareness raising will be summarised in a form of a toolkit and will be used by other municipalities member of BAMEE as well.

The development and implementation of information and awareness raising campaigns to promote the results of the demonstration projects in order to change citizens' behaviour and make informed decisions in the management of household waste will continue to the end of the projects' implementation and beyond. It will be focussed on drawing public attention to the prevention of the generation of household waste, the preparation for reuse and separate collection of household waste with subsequent recycling is the most important step in stimulating environmentally friendly behavioural change in order to create a zero-waste society.

## Steps to be followed in Phase 2

### July 2022 – July 2023

**Monitoring of the demonstration project** implementation with respect to the level of introduction of innovative waste management approaches.

The monitoring activities will serve as a ground to develop recommendations to Program Environment 2021 - 2027 on issues like effective awareness raising campaigns among citizens and businesses on municipal level related to smart waste management. Another important issue is how to motivate the businesses and/or citizens to contribute to separate waste for the purposes of circularity and to create suitable environment and infrastructure in this respect.

The recommendations will be submitted initially till July 29th, 2022 – the end of Semester 6 of SMART WASTE project implementation and continue on a regular base during Phase 2 by submitting information and recommendation letters to the MA of Program Environment.

### July 2022 – July 2023

Promotion of international relationships, activation and involvement of municipalities in circular economy investment and research projects

### July 2022 – July 2023

National and international dissemination of new solutions developed in the area as well as bringing good practices identified elsewhere

### September 2022

**Organisation of National Event on waste management** to strengthen Bulgarian Municipalities cooperation in applying innovative approaches in waste management

## Stakeholders involved

Name of Organisation / person	Role in Action Plan
<b>Ministry of Environment Directorate Waste Management and MA OP Environment (MOEW)</b>	MOEW is the institution creating among others the policy on waste management, assisted by Directorate Waste management and soil protection, in accordance with EU and national legislation. Representatives of Directorate Waste and the Managing Authority of OP Environment will be consulted on a regular base about the Action Plan implementation through provision of information and recommendation letter based on the monitoring results of the three project implementation. They will also be part of the National event on waste management planned in the beginning of Phase 2 of the project aimed at strengthening Bulgarian Municipalities cooperation in applying innovative approaches in waste management.
<b>Municipalities of Petrich, Pirdop and Etropole</b>	The Municipalities are implementing the demonstration projects.

## Costs and Funding Sources

Costs	Funding Source
<b>The cost for Municipality of Petrich project - "Reduction of household waste" is € 189 768</b>	The amount is estimated based on the approved budget of the project by OP Environment 2014 -2020 and the funding sources are: 85% ERDF contribution amounting to € 161 303 and 15% National co-financing: € 28 465
<b>The cost for Municipality of Pirdop project - "Waste management in Pirdop Municipality" is € 190 872.</b>	The Municipalities are implementing the demonstration projects.
<b>The cost for Municipality of Etropole project - "Transition to circular economy through household waste treatment" is € 166 922.</b>	The amount is estimated based on the approved budget of the project by OP Environment 2014 -2020 and the funding sources are: 85% ERDF: € 141 884; 15% National Cofinancing: € 25 038

The costs for development and implementation of the communication campaigns for awareness raising, organisation of thematic workshops and other activities included in the Action Plan are covered by BAMEE own resources. The overall costs estimated is € 5 000. 9.

## Risk and Contingency Plans

Description of Risk	Level of probability (High, Medium, Low)	Description of Contingency Plan
<b>Capacity available at Municipal level to involve citizens, businesses and other interested parties for efficient operation of waste management systems</b>	medium	Support by BAMEE in development of strong awareness campaign
<b>Lack of finance at municipal level for the project realisation</b>	medium	Support to municipal project management teams in the project implementation process
<b>The Smart Waste lessons and solutions learned are not utilised</b>	low	Regular thematic workshops and information sharing with stakeholders and the municipalities in Bulgaria on waste management novelties and good practices applied in SMART WASTE project

## Monitoring

Self-defined Performance Indicators		
Indicator	Target	Means of Verification
<b>Number of improved actions/ projects relating improved waste management</b>	3	Signed contracts for funding by OPE 2014 -2020
Output Indicators		
Indicator	Target	Means of Verification
<b><u>Communication campaign for awareness raising</u></b>	1. Developed one communication plan 1. Organisation of <b>2</b> thematic workshops online 2. Publications on BAMEE website related to smart waste management - <b>3</b>	Press releases, materials de- veloped, communication plan developed, publication on BAMEE website, snapshots from the workshop, presenta- tions and agenda
<b><u>Organisation of National Event on waste management</u></b>	1	Press releases, materials devel- oped
<b>Document with recommenda- tions to Program Environment 2021 - 2027 on how to improve engagement of citizens and businesses on municipal level related to smart waste manage- ment</b>	1	Document submitted to Min- istry of Environment and Man- aging Authority of Program Environment 2021 - 2027



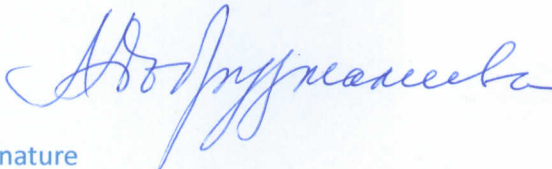

## Signatures

Name of Signatory Assya Dobrudjalova

Position Chairperson, BAMEE

Date 18.05.2022

Stamp (if available)

Signature  

Name of Signatory Nikolay Yankov Sidzhimov

Position DEPUTY MINISTER OF ENVIRONMENT AND WATERS

Date 25.05.2022

Stamp (if available)

Signature

