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Workshop on Waste Management for Greek Cities

organised in co-operation with
Ministry of Environment and Energy, Greece

12 - 13 June 2019

Venue:

Ministry of Environment and Energy, Greece

Athens

Beneficiary:

Greece

EIR 67644

Organised and funded by the
Technical Assistance and Information Exchange Instrument
of the European Commission

Aim of the Workshop:

This workshop is organised in the framework of [TAIEX-EIR Peer 2 Peer](#), a programme launched by the European Commission as a practical tool that facilitates peer-to-peer learning between environmental authorities of EU Member States. The workshops objective is to help Greek cities and municipalities to modernise their municipal waste management and adapt it to EU standards. Municipal waste experts from similar cities and regions from other Southern EU Member States share their practices and experiences in advanced municipal waste management, reducing adverse environmental impacts and waste disposal, increasing waste recycling and promoting waste prevention. Participants explore how good practices from these similar cities can be transferred to Greek cities.

Day 1: Wednesday 12 June 2019

Chairs:

Vassilis Liogkas, Ministry of Environment and Energy, Greece
Andreas Versmann, DG Environment, European Commission

Venue: Ministry of Environment and Energy, Greece

08:30	<i>Registration of participants</i>
09:00	Introduction
XX:XX	Purpose of the Workshop and introduction to the agenda Speaker tbd, Ministry of Environment and Energy, Greece Andreas Versmann, DG Environment, European Commission
09:30	State of play, objectives and challenges The purpose of this session is to make participants and experts known to each other in order to start a joint work process over the workshop. All participating municipalities and regions from Greece have provided short factsheets about their profile and state of play in waste management that will be shared. 3 municipalities will present the factsheet; others will join the discussion. The experts from cities/regions from other countries will be introduced. Important also to define questions to be addressed in the workshop.
	Presentation by 3 cities from Greece with a different profile and their ambitious efforts on waste management (1 large city, 1 small city, 1 island) Discussion with all participants on the expectations/questions for this workshop
	Introduction of the cities from other countries sharing their expertise ("expert cities")
	The EU funded project on Technical support for the implementation of the National Waste Management Plan of Greece Eva Ringhof, GIZ
XX:XX	<i>Coffee break</i>
11:30	Waste prevention through municipal measures Setting up repair and reuse networks in special sites, such as Green Points (GP) for reuse and repair works, Repair cafés, and other examples in schools, hotels, etc. Cooperation with social enterprises, start-ups and NGOs Successful waste prevention measures for certain materials and products, e.g. plastic bottles; Examples on food waste prevention and collection/treatment including indicators for measuring the reduction of food waste (to be decided whether food waste prevention should be better discussed later in the session on bio-waste)
XX:XX	Introduction by Ecocities ?
	The example of Parma, Italy Gabriele Folly, former Deputy Major of Parma AltroGiro repair & reuse centre; campaign plastic bottle reduction in schools; food waste prevention in canteens and donation; what kind of indicators does Parma use to measure the results of waste prevention measures?
	The example of Contarina, Italy Marco Mattiolo, Contarina In particular "Centro Mobile del Riuso"
	An example from a Greek municipality

	Speaker tbd
	Discussion
	Conclusions from the morning session
13:00	<i>Lunch</i>
	<i>Please be reminded to sign the attendance list</i>
14:00	<p>Separate collection of municipal waste</p> <p>Different technical options and good practices for separate collection systems (i.e. co-mingling solution, four-bin system, door-to-door separate collection, bring-points, etc.) will be presented and compared, taking into account economic, technical, urban, behavioral or other criteria within the Greek and EU legal framework; bio-waste separate collection should be considered as part of the integrated separate collection system – but more technical details to be discussed in the session on bio-waste; Practical examples for incentive tools for citizens (fees and other incentives); Cooperation with the packaging EPR-scheme HERRCO; The use of “green points” decentralised municipal waste collection centres for recycling; Specific consideration of separate collection of plastic bottles in coastal and touristic cities</p>
14:00	<p>Introduction</p> <p>Vassilis Liogkas, Ministry of Environment and Energy, Greece</p> <p>The Greek policy and legislation on separate collection; objectives and targets; the new pricing mechanism</p>
	<p>The example of Parma, Italy</p> <p>Gabriele Folly, former Deputy Major of Parma</p> <p>Separate collection with pay-as-you-throw in Parma; results, but in particular <i>how</i> it was introduced (assessment between different models; costs; citizens meetings etc.); eco-tax system; experiences “green-point” collection centres for certain waste fractions?</p>
	<p>The example of Porto/LIPOR, Portugal</p> <p>Susana Lopes/ Susana Freitas, LIPOR</p> <p>Separate collection schemes in the Porto area (7 municipalities); which system is suitable to which type of municipality (including municipality with tourism?); cooperation with the Green-dot EPR scheme for packaging (what are the tariffs paid by the EPR scheme?); the importance of an action plan and management tool for municipalities, resources and budget needed; experiences “green-point” collection centres for certain waste fractions?</p>
	<p>An example from a Greek municipality</p> <p>Speaker tbd</p>
	Questions & answers
15:00	<p>Separate collection on an island</p> <p>Giangovino Pilu, Oristano, Sardinia, Italy</p> <p>Separate collection in a medium-sized municipality with historical centre; specific challenges of recycling on an island (storing collected waste; shipping?)</p>
	<p>Promoting separate collection through communication</p> <p>Marco Mattiello, Contarina</p> <p>How the communication measures contribute to the high acceptance rate for separate collection in Treviso and other Contarina municipalities; Contarina external communication is close to the citizen through clear and immediate communication. The two basic products with which the company communicates with users are EcoCalendario and EcoGiornale (Magazine). The EcoCalendario plays a strategic role in carrying out door-to-door waste collection as it contains the essential information to perform a correct waste sorting</p>
	<p>Responsibilities of the Extended Producer Responsibility Scheme for Packaging</p> <p>Speaker tbd, HERRCO (Greek EPR scheme for packaging)</p>

	<i>or</i> Speaker from the Hellenic Recycling Agency
	Questions & answers
<i>XX:XX</i>	<i>Coffee break</i>
16:00	Working groups , around 4 with 10 participants each 60' Hosted by 1 facilitator from Greece and 1 expert city Question: Success factors for separate collection of (dry recyclable) municipal waste? More specific questions will be put forward later. Working group options <ul style="list-style-type: none"> a) All parallel or b) On different thematic aspects or c) On a practical case of a Greek city presented by one participant
17:00	Reporting back to plenary and discussion on results
<i>XX:XX</i>	Wrap-up of the day
17:30	End of day 1

Day 2: Thursday 13 June 2019

Chairs:

Vassilis Liogkas, Ministry of Environment and Energy, Greece

Andreas Versmann, DG Environment, European Commission

Venue: Ministry of Environment and Energy, Greece

Please be reminded to sign the attendance list

09:00

Bio-waste collection and treatment

Municipalities will explain the process of introducing the separate bio-waste collection or composting including the communication and information/demonstration campaigns.

Impact of separate biowaste collection on overall municipal waste management, landfilling and recycling;

Presentation of good examples of composting and digestion and that could be adapted to the local Greek situation;

Taking into account in particular decentralised small-scale facilities (composting containers, home composting, composting bio-waste from markets or hotels, etc.), but also larger scale bio-waste

	treatment facilities; Construction and Operational costs;
	Introduction Eva Ringhof, GOZ
	The example of Porto/LIPOR, Portugal Susana Lopes/ Susana Freitas, LIPOR Challenges and achievements of bio-waste collection in different municipalities in the Porto area, including touristic areas; considering also green waste collection; operation of a big-scale composting plant (in-vessel system) since 2005 producing a high-quality product (compost) and sell it for the farmers, including organic farming; experiences with small scale biowaste recovery plants (decentralised treatment options).
	The example of Ljubljana, SNAGA Ljubljana's Regional Waste Management Centre is the most modern waste treatment facility in Europe, processing biodegradable and residual waste of one third of the country's population; experiences with small scale biowaste recovery plants (decentralised treatment options)?
	Closing the bio-waste loop on islands through composting, Giangovino Pilu, Oristano, Sardinia, Italy Bio-waste collected in Oristano is composted and used in agriculture in the area close to Oristano; experiences with using compost from bio-waste for the regeneration of soils after forest fires?
	Questions & answers
10:00	Food waste collection in restaurants and bars in the touristic area of Parma, Italy Gabriele Folly, former Deputy Major of Parma
	The recovery of biofuels from olive cooking oil in Bologna Speaker Gruppohera? Or other interesting examples of recycling of organic waste that can be applied locally?
	An example from a Greek municipality Speaker tbd, Municipality of Halandri ?? (biofuels from biowaste)
	Questions & answers
XX:XX	<i>Coffee break</i>
11:00	Working groups , around 4 with 10 participants each 60' Hosted by 1 facilitator from Greece and 1 expert city Question: Success factors for separate collection of (dry recyclable) municipal waste? More specific questions will be put forward later. Working group options a) All parallel or b) On different thematic aspects or c) On a practical case of a Greek city presented by one participant
12:00	Reporting back to plenary and discussion on results
12::30	<i>Lunch</i>
	<i>Please be reminded to sign the attendance list</i>
13::30	Steps to get away from landfilling and move towards circular economy This session will put the issues discussed in the previous session into a perspective; how to achieve a transition to the circular economy, which allows the achievement of European targets and that is not dependent on landfills, incinerators or MBT plants for the treatment of residual waste? Governance

	collaboration, technical and economic cooperation between the ministry (state), regions and municipalities
	Introduction Vassilis Liogkas, Greek Ministry of Environment and Energy What is the Greek strategy to move away from landfilling and toward circular economy? What kind of support municipalities can use, in particular funding and guidance
	The stepwise approach from landfilling to recycling and multi-level cooperation FRANCESC GIRÓ I FONTANALS, Catalanian Waste Agency, Spain
	2 examples from the “expert cities” What kind of strategies have “expert cities” used? This is not about <i>what</i> you have achieved, but <i>how</i> you have done it; How did they get the political and financial support? What have been the main failures and success factors? Who would volunteer as a speaker for that?
	The Greek example Speaker from a regional waste authority/association of municipalities
	Discussion
15:00	<i>Coffee break (and opportunity for the participants to think about conclusions)</i>
15:30	Conclusions of the workshop
XX:XX	Presentation of the results of the sessions by the chairs
XX:XX	Round-table presentations from all participating cities on lessons learned, conclusions and next steps;
	Outlook to future waste management measures and closing of the workshop Vassilis Liogkas, Ministry of Environment and Energy, Greece
17:00	End of day 2

More information on the Environmental Implementation Review

http://ec.europa.eu/environment/eir/index_en.htm

More information on TAIEX:

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