

“Low Cost Zero Waste Municipality” 1G/MED08-533  
**ZERO WASTE**

**MED-ZERO WASTE PROJECT**  
**Questionnaire for Local Authorities**  
**(Municipalities)**

**Evaluation of actions, on the municipal and  
local authority level, for prevention and  
sustainable management of waste**

	<b>Interview and comments</b>			
1	Municipal and local authority information	<ul style="list-style-type: none"> <li>• Local authority name:</li> <li>• Country:</li> <li>• Population of country in 2008:</li> </ul>		
2	Interview date			
3	Contact telephone number for the local authority			
4	Full name and position of person answering the questionnaire	The most suitable person would be the mayor, the alderman in charge of waste management, or a municipal officer in a position of relevant objective to waste management.		
<b>Questions on quantitative data in relation to waste production for year 2008</b>				
5	Population of municipality in 2008 – Recent census data			
6	Average municipal population + Fluctuation of population over time (months). Estimation of local authority (inclusive of tourists and visitors)	Average	Min/Duration	Max/Duration
7	Estimated total waste produced by the municipality in 2008 (unit: tons/year) excluding			

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	construction and demolition (C&D) waste and end-of-life vehicles (ELV)	
8	Does your municipality have data on the waste composition (%)? If yes, please provide.	Έχει ο ΟΤΑ δεδομένα σύστασης (% κ.β.) των απορριμμάτων του; Εάν ΝΑΙ να τα δώσει.
9	Has your Municipality identified the costs (in €/t) related to the different stages of WM (Y/N). If yes, provide. If yes, is cost the primary factor in your decisions-making factors concerning WM?	Έχει ο ΟΤΑ προσδιορίσει το κόστος διαχείρισης των απορριμμάτων του (σε €/t) ανά κατηγορία κόστους (π.χ. προσωπικό, τελική διάθεση, αναλώσιμα, μελέτες, καύσιμα, πάγιος εξοπλισμός κ.α.). Εάν ΝΑΙ να τα δώσει. Εάν ΝΑΙ να μας απαντήσει εάν το κόστος είναι ο πρώτος παράγοντας για αποφάσεις σχετικά με διαχείριση απορριμμάτων.
10	Estimated C&D waste produced within the municipality for year 2008 (tons/year)	
11	Estimated produced ELV waste produced within the municipality in year 2008 (unit: tons/year)	
12	Estimated quantity of municipal waste in 2008 (tons/year) having been treated in Mechanical Treatment Units or in Mechanical Biological Treatment units	
13	Estimated quantity of municipal waste in 2008 (tons/year), having been treated in Composting Units, after having being separated at the source of production	
14	Estimated quantity of municipal waste in 2008 (ton/year), having been treated in energy recovery units (incineration – pyrolysis - gasification)	
15	Estimated quantity of municipal waste in 2008 (tons/year)	

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		having been landfilled	
Questions related to prevention or sustainable management of municipal waste			Highest possible score
16	<p>Has the local authority set up a recycling scheme for packaging waste on its own or in cooperation with a national scheme, in accordance to Directive 62/1994?</p> <p>Note: The local authority can receive a score of 0, 5 or 10</p>	<ul style="list-style-type: none"> <li>• A packaging waste recycling scheme has not been set up yet ..... (0 points)</li> <li>• A packaging waste recycling scheme with population coverage of &lt;50% has been set up ..... (5 points)</li> <li>• A packaging waste recycling scheme with population coverage of &gt;50% has been set up ..... (10 points)</li> </ul>	10
17	<p>Has the local authority set up a recycling scheme for paper in stationery and printed form (newspapers – magazines) on its own or in cooperation with a national or private scheme?</p> <p>Note: The local authority can receive a score of 0, 3 or 6</p>	<ul style="list-style-type: none"> <li>• A stationary or printed paper waste recycling scheme has not been set up yet ..... (0 points)</li> <li>• A stationary or printed paper waste recycling scheme with population coverage of &lt;50% has been set up ..... (3 points)</li> <li>• A stationary or printed paper waste recycling scheme with population coverage of &gt;50% has been set up ..... (6 points)</li> </ul>	6
18	<p>Has the local authority set up a scheme for home composting of domestic organic waste?</p> <p>Note: The local authority can receive a score of 0, 2 or 4</p>	<ul style="list-style-type: none"> <li>• A home composting scheme has not been set up yet ..... (0 points)</li> <li>• A home composting scheme with population coverage of &lt;10% has been set up ..... (2 points)</li> <li>• A home composting scheme with population coverage of &gt;10% has</li> </ul>	4

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		been set up ..... (4 points)	
19	<p>Has the local authority set up a community composting scheme for domestic organic waste in a composting unit following separation at source?</p> <p>Note: The local authority can receive a score of 0, 6 or 12</p>	<ul style="list-style-type: none"> <li>• A community composting scheme with separation at source has not been set up yet ..... (0 points)</li> <li>• A community composting scheme with separation at source with population coverage of &lt;50% has been set up ..... (6 points)</li> <li>• A community composting scheme with separation at source with population coverage of &gt;50% has been set up ..... (12 points)</li> </ul>	12
20	<p>Has the local authority set up a composting scheme for green municipal waste (originating from public spaces and parks) in a composting unit?</p> <p>Note: The local authority can receive a score of 0 or 4</p>	<ul style="list-style-type: none"> <li>• A composting scheme for green municipal waste has not been set up yet ..... (0 points)</li> <li>• A composting scheme for green municipal waste has been set up ..... (4 points)</li> </ul>	4
21	<p>Has the local authority set up a sustainable management scheme for WEEE on its own or in cooperation with a national, regional or private scheme, in accordance to the relevant community Directives?</p> <p>Note: The local authority can receive a score of 0, 1 or 2</p>	<ul style="list-style-type: none"> <li>• A WEEE sustainable management scheme has not been set up yet ..... (0 points)</li> <li>• A WEEE sustainable management scheme with population coverage of &lt;50% has been set up ..... (1 points)</li> <li>• A WEEE sustainable management scheme with population coverage of &gt;50% has been set up ..... (2 points)</li> </ul>	2
22	<p>Has the local authority set up a sustainable management scheme for batteries (domestic use only) on its own or in</p>	<ul style="list-style-type: none"> <li>• A battery waste (domestic uses) sustainable management scheme has not been set up yet ..... (0 points)</li> </ul>	2

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	<p>cooperation with a national, regional or private scheme, in accordance to the relevant community Directives?</p> <p>Note: The local authority can receive a score of 0, 1 or 2</p>	<ul style="list-style-type: none"> <li>• A battery waste (domestic uses) sustainable management scheme with population coverage of &lt;50% has been set up ..... (1 points)</li> <li>• A battery waste (domestic uses) sustainable management scheme with population coverage of &gt;50% has been set up ..... (2 points)</li> </ul>	
23	<p>Has the local authority set up a sustainable management scheme for unwanted or rejected drugs (with drugs before their expiry date being utilised and waste drugs or drugs after their expiry date being managed sustainably) on its own or in cooperation with a national, regional or private scheme?</p> <p>Note: The local authority can receive a score of 0, 1 or 2</p>	<ul style="list-style-type: none"> <li>• A rejected drug sustainable management scheme has not been set up yet ..... (0 points)</li> <li>• A rejected drug sustainable management scheme with population coverage of &lt;50% has been set up ..... (1 points)</li> <li>• A rejected drug sustainable management scheme with population coverage of &gt;50% has been set up ..... (2 points)</li> </ul>	2
24	<p>Has the local authority set up a sustainable management scheme for dangerous domestic waste (excluding batteries and drugs) on its own or in cooperation with a national, regional or private scheme?</p> <p>Note: The local authority can receive a score of 0, 2 or 4</p>	<ul style="list-style-type: none"> <li>• A dangerous domestic waste sustainable management scheme has not been set up yet ..... (0 points)</li> <li>• A dangerous domestic waste sustainable management scheme with population coverage of &lt;50% has been set up ..... (2 points)</li> <li>• A dangerous domestic waste sustainable management scheme with population coverage of &gt;50% has been set up ..... (4 points)</li> </ul>	4
25	<p>Has the local authority set up a sustainable management</p>	<ul style="list-style-type: none"> <li>• A clothing and footgear waste sustainable management scheme</li> </ul>	4

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	<p>scheme for clothing and footwear items or materials (including cleaning and reuse and/or production of raw materials) on its own or in cooperation with a national, regional or private scheme?</p> <p>Note: The local authority can receive a score of 0, 2 or 4</p>	<p>has not been set up yet ..... (0 points)</p> <ul style="list-style-type: none"> <li>• A clothing and footwear waste sustainable management scheme with population coverage of &lt;50% has been set up ..... (2 points)</li> <li>• A clothing and footwear waste sustainable management scheme with population coverage of &gt;50% has been set up ..... (4 points)</li> </ul>	
26	<p>Has the local authority set up a sustainable management scheme for furniture items or materials (including repair and resale and/or fragmentation followed by further utilisation) on its own or in cooperation with a national, regional or private scheme?</p> <p>Note: The local authority can receive a score of 0, 2 or 4</p>	<ul style="list-style-type: none"> <li>• A furniture waste sustainable management scheme has not been set up yet ..... (0 points)</li> <li>• A furniture waste sustainable management scheme with population coverage of &lt;50% has been set up ..... (2 points)</li> <li>• A furniture waste sustainable management scheme with population coverage of &gt;50% has been set up ..... (4 points)</li> </ul>	4
27	<p>Has the local authority set up a sustainable management scheme for bulky waste materials (e.g. mattresses), aiming at their recycling and production of raw materials or for other uses, as well as the production of alternative products, on its own or in cooperation with a national, regional or private scheme?</p> <p>Note: The local authority can receive a score of 0, 2 or 4</p>	<ul style="list-style-type: none"> <li>• A sustainable management scheme for bulky waste materials has not been set up yet ..... (0 points)</li> <li>• A sustainable management scheme for bulky waste materials with population coverage of &lt;50% has been set up ..... (2 points)</li> <li>• A sustainable management scheme for bulky waste materials with population coverage of &gt;50% has been set up ..... (4 points)</li> </ul>	4

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28	<p>Has the local authority set up a sustainable management scheme for waste cooking oils on its own or in cooperation with a national, regional or private scheme?</p> <p>Note: The local authority can receive a score of 0, 1 or 2</p>	<ul style="list-style-type: none"> <li>• A waste cooking oil sustainable management scheme has not been set up yet ..... (0 points)</li> <li>• A waste cooking oil sustainable management scheme with population coverage of &lt;50% has been set up ..... (1 points)</li> <li>• A waste cooking oil sustainable management scheme with population coverage of &gt;50% has been set up ..... (2 points)</li> </ul>	2
29	<p>Has the local authority set up a sustainable management scheme for end-of-life vehicles on its own or in cooperation with a national, regional or private scheme?</p> <p>Note: The local authority can receive a score of 0 or 2</p>	<ul style="list-style-type: none"> <li>• A sustainable management scheme for end-of-life vehicles has not been set up yet ..... (0 points)</li> <li>• A sustainable management scheme for end-of-life vehicles has been set up..... (2 points)</li> </ul>	2
30	<p>Has the local authority set up a sustainable management scheme for construction and demolition waste on its own or in cooperation with a national, regional or private scheme?</p> <p>Note: The local authority can receive a score of 0, 2 or 4</p>	<ul style="list-style-type: none"> <li>• A demolition waste sustainable management scheme has not been set up yet ..... (0 points)</li> <li>• A demolition waste sustainable management scheme with population coverage of &lt;50% has been set up ..... (2 points)</li> <li>• A demolition waste sustainable management scheme with population coverage of &gt;50% has been set up ..... (4 points)</li> </ul>	4
31	<p>Has a webpage or website been created and published, where burgesses can be kept up-to-date about all the running sustainable waste management</p>	<ul style="list-style-type: none"> <li>• No such webpage has been created ..... (0 points)</li> <li>• Such a webpage has been created (2 points)</li> </ul>	2

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	<p>schemes, but also where they can buy, give away, sell or exchange items they don't want anymore?</p> <p>Note: The local authority can receive a score of 0 or 2</p>		
32	<p>Has the local authority created an organisation, public or private company for selling used and/or repaired domestic items, which have been rejected by burgesses on its own or in cooperation with a national, regional or private body?</p> <p>Note: The local authority can receive a score of 0 or 4</p>	<ul style="list-style-type: none"> <li>• No such body has been created ..... (0 points)</li> <li>• Such a body has been created (4 points)</li> </ul>	4
33	<p>Has the local authority created a recycling centre, within or near its borders, where burgesses can discard all or part of their domestic waste?</p> <p>Note: The local authority can receive a score of 0 or 10</p>	<ul style="list-style-type: none"> <li>• No such centre has been created ..... (0 points)</li> <li>• Such a centre has been created (10 points)</li> </ul>	10
34	<p>Is there a special working department operating within the local authority, which is working on the provision of information and support, as well as the education of burgesses on projects for the prevention and sustainable management of waste?</p>	<ul style="list-style-type: none"> <li>• No such department exists ..... (0 points)</li> <li>• Such a department is operating (6 points)</li> </ul>	6



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	Note: The local authority can receive a score of 0 or 6		
35	<p>Has there been implementation of a Pay-As-You-Go (PAYT) scheme or schemes for the taxation of burgesses in using waste management services?</p> <p>Note: The local authority can receive a score of 0, 6 or 12</p>	<ul style="list-style-type: none"> <li>• No PAYT scheme has been implemented ..... (0 βαθμοί)</li> <li>• A PAYT scheme or schemes have been implemented with population coverage of &lt;50% ..... (6 points)</li> <li>• A PAYT scheme or schemes have been implemented with population coverage of &gt;50% ..... (12 points)</li> </ul>	12
	<b>Total score for questions 16-35</b>		<b>0 - 100</b>

### Evaluation Criteria

The criteria for the evaluation and score attribution of each action, in relation to prevention and the sustainable management of waste, was the following:

1. The percentage by weight of each waste category relative to the total weight of municipal waste was considered an important parameter, mainly due to the implications for waste reduction.
2. The degree of difficulty for organising and running each action for the sustainable management of waste.
3. The cost burdening the local authorities for the development of any form of infrastructure for the sustainable management of waste.
4. The rounding off of the points for practical reasons.

### Evaluation of Municipalities and Local Authorities

The closer one local authority is to a score of 100 points; the better is the infrastructure and other prerequisites for reaching the target of “Zero Production of



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Waste – Zero Waste”. However, a score of 100 does not mean that the local authority has already reached this target.

### Evaluation of Local Authorities for prevention and sustainable waste management actions

Score	Characterisation of performance	Comments
< 30	Negative performance	Non compliance with several or some of the fundamental obligations of the local authority, according to the relevant European Directives
30 – 50	Marginally positive performance	Mere compliance with the fundamental obligations of the local authority, according to the relevant European legislation
51 – 75	Positive performance	Performance, actions and initiatives, which exceed the local authority’s current obligations, according to the relevant European legislation
76 – 90	Highly positive performance	Exemplary performance, actions and initiatives which considerably exceed the local authority’s current obligations, according to the relevant European legislation
91 – 100	Exceptionally positive performance	Model performance, actions and initiatives in the area of prevention and sustainable management of waste. Can be used as a model by other local authorities for the development or improvement of their current waste management policy.

