


Good Practice in Selective Collection of Waste in Heritage City Centres		
Nº.	Section	Description
0.	<b>Title of the practice</b>	Selective waste collection services for: <ul style="list-style-type: none"> <li>• bulky waste,</li> <li>• green waste,</li> <li>• WEEE – ‘Electroteam’,</li> <li>• waste textiles – ‘100% benefits’.</li> </ul>
1.	<b>Photograph</b>	
2.	<b>Proposers</b>	Municipal Service Company Ltd. - the administrator of the waste management system in Municipality of Krakow
3.	<b>Contacts</b>	Piotr Odorczyk – a press officer of the Municipal Service Company, +48 12 646 23 80, +48 12 646 22 22, <a href="mailto:rzecznik@mpo.krakow.pl">rzecznik@mpo.krakow.pl</a> , <a href="mailto:mpo@mpo.krakow.pl">mpo@mpo.krakow.pl</a>
4.	<b>Useful links</b>	<a href="http://www.mpo.krakow.pl">www.mpo.krakow.pl</a> <a href="http://www.mpo.krakow.pl/firma/selektywna-zbiorka-odpadow">www.mpo.krakow.pl/firma/selektywna-zbiorka-odpadow</a> <a href="http://www.mpo.krakow.pl/aktualnosci/program-odbioru-odpadow-zielonych-od-3-kwietnia">www.mpo.krakow.pl/aktualnosci/program-odbioru-odpadow-zielonych-od-3-kwietnia</a> <a href="http://www.mpo.krakow.pl/nowe-zasady/harmonogramy">www.mpo.krakow.pl/nowe-zasady/harmonogramy</a> <a href="http://www.mpo.krakow.pl/elektrobrygada">www.mpo.krakow.pl/elektrobrygada</a> <a href="http://www.100procentkorzysci.pl">www.100procentkorzysci.pl</a>
5.	<b>Start date</b>	<ul style="list-style-type: none"> <li>• 1<sup>st</sup> July 2013 – bulky waste collection service</li> <li>• January 2014 – green waste collection service</li> <li>• May 2014 – WEEE collection service</li> <li>• December 2015 – waste textiles collection service</li> </ul>
6.	<b>Activities’ state of the art</b>	Ongoing

7.	<b>Location</b>	Municipality of Krakow including the Heritage City Centre
8.	<b>Inhabitants in the area</b>	768 000 – inhabitants of the Municipality of Krakow (including 1536 inhabitants of the Heritage City Centre)
9.	<b>Description of the practice</b>	
<p><u>Origin:</u></p> <p>Selective waste collection services for bulky waste, green waste, WEEE – ‘Electroteam’ and waste textiles – ‘100% benefits’ are the result of:</p> <ul style="list-style-type: none"> <li>• adjusting to the local law rules, especially the law on maintaining cleanliness and order in municipalities and the act of local law,</li> <li>• ensuring a selective collection of each type of waste in exchange for a fee,</li> <li>• improving the effectiveness of a selective collection,</li> <li>• facilitation in disposing difficult waste from owners of properties.</li> </ul> <p><u>Development and Timescale:</u></p> <p>The administrator of the waste management system in the Municipality of Krakow set up schedule for bulky waste and green waste collection. The collection service is carried out at the curb. Bulky waste is delivered to dismantling plant and green waste to composting plant.</p> <p>‘Electroteam’ programme involves a collection of WEEE directly from the citizens of Krakow after a telephone notification. The team arrives at the property to collect WEEE and then delivers them to a dismantling plant.</p> <p>‘100% benefits’ programme provides a reception of waste textiles. Residents can call to report their need for the collection of textiles. On the agreed date, textiles are collected directly from the property, and then go to the Polish Red Cross workers who select such collected textiles that can be passed to the needy. Other textiles shall be disposed of as waste in the Municipal Service Company installations.</p> <p><u>Factors involved:</u></p> <p>The service is provided by the Municipal Service Company. ‘100% benefits’ programme includes a cooperation with Polish Red Cross.</p> <p><u>Legal framework:</u></p> <p>The legal framework related to the providing selective waste collection services includes: the law on maintaining cleanliness and order in municipalities and the act of local law – the Regulations of maintenance of the cleanliness and order in the Municipality of Krakow established by the Krakow City Council.</p> <p><u>Financial framework:</u></p> <p>In 2016 the costs of the selective bulky waste and WEEE collection services were around 6 661 000 PLN (~1 560 000 EUR), including ‘Electroteam’ programme. The costs of the selective green waste collection service were around 11 358 000 PLN (~2 660 000 EUR).</p>		

	<p><u>Use degree:</u> 768 000 – inhabitants of the Municipality of Krakow (including 1536 inhabitants of the Heritage City Centre)</p>	
<b>10.</b>	<b>Results</b>	
	<p><u>Proven results (through indicators) and success factors:</u> The success factors of the proper selective waste collection are:</p> <ul style="list-style-type: none"> <li>• selective waste management education,</li> <li>• ensuring the collection of each type of waste,</li> <li>• production of: <ul style="list-style-type: none"> <li>○ alternative fuel (RDF) from selectively collected bulky waste,</li> <li>○ compost from selectively collected green waste,</li> </ul> </li> <li>• raw materials' recovery from WEEE,</li> <li>• minimization of a negative environmental impact (hazardous waste treatment),</li> <li>• charity work regarding a reuse of second-hand clothes.</li> </ul> <p><u>Main difficulties encountered:</u> Owners of properties accidentally put green or bulky waste in an inappropriate place with a difficult access for their collection, where a waste collection car is unable to drive in. It makes waste collection impossible or the waste need to be taken manually. Owners of properties sometimes do not follow the schedule of selective waste collection.</p>	
<b>11.</b>	<b>Main lessons learnt from the practice</b>	<p>Selective waste collection services for bulky waste, green waste, WEEE and waste textiles ensures a selective collection of each type of waste including problematic and hazardous ones. It minimizes a negative environmental impact, improves the effectiveness of a selective collection and enable production of RDF, compost and raw materials' recovery. Thanks to the cooperation between the Municipal Service Company and the Polish Red Cross in the '100% benefits' programme the needy receives useful clothes which are the result of a waste textiles reuse.</p>
<b>12.</b>	<b>Additional information</b>	<p><a href="http://www.mpo.krakow.pl">www.mpo.krakow.pl</a>  <a href="http://www.mpo.krakow.pl/firma/selektywna-zbiorka-odpadow">www.mpo.krakow.pl/firma/selektywna-zbiorka-odpadow</a>  <a href="http://www.mpo.krakow.pl/aktualnosci/program-odbioru-odpadow-zielonych-od-3-kwietnia">www.mpo.krakow.pl/aktualnosci/program-odbioru-odpadow-zielonych-od-3-kwietnia</a>  <a href="http://www.mpo.krakow.pl/nowe-zasady/harmonogramy">www.mpo.krakow.pl/nowe-zasady/harmonogramy</a>  <a href="http://www.mpo.krakow.pl/elektrobrygada">www.mpo.krakow.pl/elektrobrygada</a>  <a href="http://www.100procentkorzysci.pl">www.100procentkorzysci.pl</a></p>