

Good Practice in Waste Deposit in Heritage City Centres

Nº.	Section	Description
0.	Title of the practice	<i>Underground waste containers for collection of municipal waste</i>
1.	Photograph	 <p style="text-align: center;">Figure 1. Underground containers in Tallinn city districts</p>  <p style="text-align: center;">Figure 2. Underground containers in Tallinn city districts</p>
2.	Proposers	City of Tallinn
3.	Contacts	<p>Representatives of city district governments:</p> <ul style="list-style-type: none"> • Haabersti District Government, head of administration department, Tonu.Kivimaker@tallinnlv.ee • Tallinn City Center District Government, head specialist of urban department, Kylly.Annus@tallinnlv.ee • Kristiine District Government, senior specialist, Marju.Korts@tallinnlv.ee • Lasnamäe District Government, head deputy of urban department, Diana.Buchmann@tallinnlv.ee • Mustamäe District Government, head specialist of urban department, Urmal.Kopp@tallinnlv.ee • Nõmme District Government, head specialist of city property department, Mart.Miidu@tallinnlv.ee • Pirita District Government, head specialist of urban department,

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4.	Useful links	http://www.tallinn.ee/est/hoovikorda/ (only in estonian)
5.	Start date	2005
6.	Activities' state of the art	Ongoing
7.	Location	City of Tallinn
8.	Inhabitants in the area	445 000
9.	Description of the practice	
	<p><u>Origin:</u></p> <p>In Tallinn, it is a waste holder obligation to own enough waste containers (containers are not owned by the city). Underground containers are alternative solution instead of regular wheelie bins. Underground containers blend in to the surrounding milieu much better than ordinary plastic wheelie containers, they have lot of different exterior options and they are significantly hygienic. Similar to the waste storehouses city of Tallinn also supports apartment associations up to 70% of payments to set up underground containers within the project "Fix up the courtyard".</p> <p><u>Development and Timescale:</u></p> <p>Since 2005 apartment associations have set up over 400 underground containers. Usually one apartment association owns 3 containers (for residual waste, biodegradable waste and paper/carton). The size of the containers varies from 1,3 m³ to 5 m³.</p> <p><u>Actors involved:</u></p> <ul style="list-style-type: none"> • Tallinn City District Governments • Tallinn Urban Planning Department • Tallinn Environment Department • Municipal Engineering Services Department <p><u>Legal framework:</u></p> <p>It is not mandatory to set up underground containers, but it is recommended. Containers have to be located on waste holders immovable.</p> <p><u>Financial framework:</u> (activities' cost, activities' revenues (if any), model/s of financing used)</p> <p>Tallinn City Government supports the set up of underground containers since year 2005. Due to big interest of apartment associations the city of Tallinn decided to continue the support. That is why in year 2006 came into force regulation of procedure of supporting apartment associations with project "Fix up the courtyards". Apartment associations can apply support up to 70 % of payments in framework of project "Fix up the courtyards" to set up underground containers. In last 11 years Tallinn City Government has allocated to the project "Fix up the courtyards" from cities budget more than 8 million euros. The project "Fix up the courtyards" is very successful and interest of apartment associations has increased every year. In year 2017 city of Tallinn is planning to support the project with 502 500 euros from cities budget.</p>	
10.	Results	

	<p><u>Proven results (through indicators):</u></p> <p>Installation of underground containers has helped to achieve aesthetic appearance in city surroundings. There is no need to empty underground containers as often as ordinary wheelie containers. Over 400 containers have been set up in the city of Tallinn. Underground containers are compact and give more free space in courtyards.</p> <p><u>Possible success factors:</u></p> <p>Apartment associations are ready to set up more underground containers when local government supports financially their installation. Installation of underground containers are promoted by city as more aesthetic and hygienic solution.</p> <p><u>Main difficulties encountered:</u></p> <p>It is hard to set up underground containers in some area due to the heritage protection or difficulties in the excavation. It is not possible to set up underground containers in some area, because there are utility networks underground. Also it needs enough space to empty underground containers. It is very complicated to move the containers afterwards.</p>
11.	<p>Main lessons learnt from the practice</p> <p>Underground containers are ensuring more sanitary conditions and aesthetic look. It gives more room in apartment buildings courtyards, when underground containers have been set up. Using underground containers saves an estimated 30 % of fuel compared with regular wheelie bins with same volume. The time of depreciation of underground containers is longer than regular wheelie bins.</p>
12.	<p>Additional information</p> <p>http://www.tallinn.ee/est/hoovikorda/</p>