

Capital factsheet on separate collection

Note: This ‘Capital factsheet’ has been prepared within the EC study “**Assessment of separate collection schemes in the 28 capitals of the EU**”. The document represents the status-quo of the EU Member States capitals in May2015. The information included in this document has been elaborated for all 28 EU-capitals based on expert interviews with various stakeholders on capital level, e.g. capital administrations, waste management operators, associations etc. as well as further publically available reports, statistics and websites.

All information is cited in the factsheet and a complete list of information sources including the interviews held can be found at the end of this document.

Nicosia	Cyprus
<p>SUMMARY: The separate collection system in Nicosia is based on different collection schemes including separate door-to-door collection of paper and the co-mingled door-to-door collection of plastic, metal, drink cartons in one bin. The effectiveness of the separate collection system cannot be evaluated due to missing data</p>	
<p>1 Capital general data</p>	
City population (inhabitants)	55 014
City area (km ²)	50.61 (20.75km ² Municipality of Nicosia, 29.14km ² Occupied Area, 0.75km ² UN Buffer Zone)
City density (persons/km ²)	2.655
City climate (mediterranean, continental, oceanic, nordic; relevant for bio-waste collection)	Mediterranean
<p>2. Capital waste data</p>	
Total (municipal) waste generation (t in indicated year)	36 101 (2013) [1]
Total (municipal) waste generation (kg/cap)	656[1]
Total separate collection (kg/cap) & (% of generation)	8.17[1]
Percentage breakdown of total collection for separate collection by fraction	<ul style="list-style-type: none"> • 2.9% paper and cardboard[1] • 1.2% glass[1] • 2.1% PMD (plastic, metals and drink cartons) [1] • 7.9% bio-waste (garden waste) [1] • % other
<p>3. Description of overall separate collection systems operating in capital</p>	
<p>Recyclables are collected by the separate collection scheme operated by Green Dot Cyprus with which Municipality of Nicosia is collaborated. [1]</p> <p>Paper and cardboard: they are collected “door-to-door”. In addition, drink cartons are collected “door-to-door” and co-mingled with plastic and metal. [1]</p> <p>Glass: it is collected to bring points in bell type bins. [1]</p> <p>Plastic: it is collected “door-to-door” and co-mingled with drink cartons and metal. [1]</p> <p>Metal: it is collected “door-to-door” and co-mingled with drink cartons and plastic. [1]</p> <p>Bio-waste: during cleaning campaigns (3 times per year). [1]</p>	
<p>Annual Running Costs: approx. 140 000 € (2013). Municipality is charged only for the separate collection and sorting of paper (65% of the total running cost), while the separate collection of glass and PMD is free of charge[1]</p>	
<p>Setup costs: 1.92€/cap, 40 € / t for sorting (2015)[1]</p>	

Coverage: The separate collection scheme covers all the area of the Municipality [31 229 premises – households (22 702) and businesses (8527) – of which 789 are hospitality businesses (restaurants, cafes, etc.)][1]

4. Elements of the collection system

MUNICIPALITIES OR THEIR CONTRACTORS



Door-to-door collection of source separated waste

Fractions collected	Paper[1]
Collection frequency	Paper: weekly (bi-weekly in main streets) [1]
Coverage of collection	Paper: all premises of the Municipality. 150 bins in all area of the Municipality (1100 L) [1]
Annual collected quantities	Paper: 1 065 t (2014)[1]
Setup costs	38 € / t (2015)[1]
Running costs	Not available
Source of funding	Municipal service tax [1]
Cost to consumer (annual)	Not available



Door-to-door collection of co-mingled recyclables

Fractions collected together in one bin	Plastic, metal, drink cartons (PMD) [1]
Collection frequency	Weekly[1]
Coverage of collection	All premises of the Municipality. 560 bins in all area of the Municipality (1100 L) [1]
Annual collected quantities	PMD: 692 t (2014) (not possible to divide this by material type) [1]
Setup costs	Not available
Running costs	Not available
Source of funding	Municipal service tax [1]
Cost to consumer (annual)	Not available



Bring Collection Points

Fractions collected	Glass[1]
Number of collection points	All premises of the Municipality. 115 bell type bins (2,5m ³) [1]
Collected quantities	Glass: 430 t (2014) [1]
Setup costs	Not available
Running costs	Not available
Source of funding	Municipal service tax [1]
Cost to consumer	Not available

 Bring-in Civic Amenity sites	
Fractions collected	Paper, Glass, Plastic, Metal, Bio-waste (green waste) (additional fractions: wood, furniture) [1]
Number of sites	1 (Temporary point, very recently constructed) [1]
Collected quantities	Not available
Setup costs	Not available
Running costs	Not available
Source of funding	municipal service tax [1]
Cost to consumer	Not available
PRODUCERS OR THEIR AGENTS	
 Deposit Return Systems for WEEE (WEEE Electrocyclusis)	
Products covered	WEEE[1]
Quantity covered by system (in t)	Not available
Quantity collected by system (in t)	0.8 t [1]
Funding mechanism	Not available [1]
Consumer cost	Free of Charge (also for Municipality) [1]
 Deposit Return Systems for Batteries (AFIS)	
Products covered	Batteries[1]
Quantity covered by system (in t)	Not available
Quantity collected by system (in t)	Very small quantities[1]
Funding mechanism	Not available [1]
Consumer cost	Free of Charge (also for Municipality) [1]
 Deposit Return Systems for Clothes (Anakyklos Perivallontiki) [1]	
Products covered	Clothes[1]
Quantity covered by system (in t)	Not available
Quantity collected by system (in t)	Very small quantities[1]
Funding mechanism	Not available [1]
Consumer cost	Free of Charge (also for Municipality) [1]
BARRIERS TO IMPLEMENT SEPARATE COLLECTION	
ADDITIONAL FINDINGS	
Paper and PMD are collected “door-to-door” (in special bags or in bins) from the separate collection system operated by Green Dot Cyprus. Glass is collected in special bins (bell type bin) placed in special points. [1]	

Green Wastes are transferred in treatment unit and the Municipality is charged 10 € per truck. [1]

Currently, neither PAYT system is applied in the Municipality nor other kind of funding is in place. The owners of premises served by the collection system of the Municipality pay municipal service tax for the services provided by the Municipality. . [1]

Very recently, one civic amenity (green point) has operated, in which all citizens can transfer and dispose several materials. In particular, containers have been rent for the collection of Municipal Waste (Paper, Glass, Plastic and Metal), Green Waste, Wood and Furniture and they are placed in open space outside the Department of Cleaning of the Municipality. [1]

5. Materials, Quantities and costs

SUMMARY OF COLLECTION SYSTEMS IN PLACE

Collected waste (t)	Paper	Glass	Plastic	Metal	Bio-waste	City Coverage
Door-to-door	1 065[1]					All premises of the Municipality[1]
Co-mingled	Drink Cartons are collected co-mingled with Plastic and Metal[1]		692 (including Drink Cartons) [1]			All premises of the Municipality[1]
Bring points		430				All premises of the Municipality[1]
Civic amenities	Very recently, one civic amenity (green point) has operated[1]					Number + per 100 000 inhabitants (as above)
Producer / Retailer take-back						
Total	1 065[1]	430[1]	692[1]			

SUMMARY OF COSTS FOR SEPARATE COLLECTION SYSTEMS IN PLACE (setup costs should be total, running costs annual)

Costs (€)	Authorities / waste management companies		Consumer costs	
	Setup (€)	Running (€/year)	Funding type	Amount (€)
Door-to-door	Not available	Not available	Not available	Not available
Co-mingled	Not available	Not available	Not available	Not available
Bring points	Not available	Not available	Not available	Not available
Civic amenities	Not available	Not available	Not available	Not available
Producer / Retailer take-back	Not available	Not available	Not available	Not available
Total	Not available	140 000 [1]	Not available	Not available

6. Recycling and losses

RECYCLING OF THE COLLECTED WASTE

Recycled (t)	Paper	Glass	Plastic	Metal	Bio-waste	Total
Generated	Not available	Not available	Not available	Not available	Not available	Not available
Collected	1 065 [1]	430[1]	692 (incl. Drink Cartons) [1]			2 187[1]
Recycled nationally	Not available					
Exported for recycling						
Rejected						

References

- [1] Data provided by Municipality of Nicosia, data stemming from 1. Integrated Waste Management Plan for Municipality of Nicosia and 2. Data from Green Dot Cyprus.
- [2] Annual Report 2013 – Green Dot Cyprus / Ετήσια Έκθεση 2013 – Green Dot Cyprus http://www.greendot.com.cy/cmslikethis/uploadedContent/downloadsFiles/gdc_annual_report_2013_web_fin_red1404727129.pdf