

## DETAILED EXAMPLES OF WASTE AVOIDANCE AND WASTE REDUCTION MEASURES IN EUROPEAN CITIES

GENERAL				CASE SPECIFIC			
Measure	Country	measure in local language	Widespread application (Y/N)	Time span	City concerned	Details/remarks	Publication/contact
<i>Policy measures, initiatives, implementation activities</i>							
Continued dedicated public education and awareness campaigns waste prevention website:	D		Y		Dresden	Annual spendings of about 0.8 million € in 2002 equals 2.5% of total budget for MSWM	<a href="http://www.dresden.de/index.html?node=7809">http://www.dresden.de/index.html?node=7809</a>
	D		Y		Darmstadt	Web-site	<a href="http://www.ead.darmstadt.de">www.ead.darmstadt.de</a>
	LT	Visuomenės švietimas ir visuomeninė veikla atliekų prevencijos klausimais			Kaunas	The Greens of Lithuania, different events on the school an university.	<a href="http://www.zalieji.lt/">http://www.zalieji.lt/</a>
	A	Activities of the City of Vienna, department of waste management : MA 48  Veranstaltungen in Schulen	Y		Vienna	Consulting Waste Management (mobile), events in schools	
Dissemination of waste prevention measures	A	48 Tipps zum Mistvermeiden			Vienna	The City of Vienna (Department Waste management, MA 48, wrote a guide to give tips to the households how to prevent waste; brochures, internet	<a href="http://www.wien.gv.at/ma48/48tips.htm">http://www.wien.gv.at/ma48/48tips.htm</a>
	A	Homepage über alle laufenden Projekte im Bereich Abfallvermeidung	Y		Vienna	Website, all the projects in the field of waste prevention of the City of Vienna can be found	<a href="http://www.abfallvermeidungwien.at/">http://www.abfallvermeidungwien.at/</a> <a href="http://www.abfall.wien.at">www.abfall.wien.at</a>
	D	Abfallkalender	Y		Darmstadt	Yearly overview of collection schemes and dates, including waste prevention tips	<a href="http://www.ead.darmstadt.de">www.ead.darmstadt.de</a>
	D		Y		Darmstadt	Website of the municipal waste collection and disposal company	<a href="http://www.ead.darmstadt.de">www.ead.darmstadt.de</a>
	PL	Akcje promujące minimalizację ilości odpadów (poprzez kompostowanie, selektywną zbiórkę)			Krakow,  Wrocław	Promotion of waste prevention measures in TV, local newspapers, directly to inhabitants	<a href="http://www.otzo.most.org.pl/publikacje/poradn/g4krakow.htm">http://www.otzo.most.org.pl/publikacje/poradn/g4krakow.htm</a> <a href="http://www.zb.eco.pl/zb/92/oqloszen.htm">http://www.zb.eco.pl/zb/92/oqloszen.htm</a> <a href="http://www.eko.org.pl/info/prasa/92000/">http://www.eko.org.pl/info/prasa/92000/</a>

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					Poland		<a href="http://www.e-recykling.pl/">http://www.e-recykling.pl/</a> <a href="http://www.abrys.pl/pk/">http://www.abrys.pl/pk/</a>
	LT	Atliekų prevencijos populiarinimo priemonės			Kaunas	All projects in the field of waste prevention of the Kaunas City can be found on the Internet	<a href="http://www.kaunas.lt/miestas/aplinka/atliekos.shtml">http://www.kaunas.lt/miestas/aplinka/atliekos.shtml</a>
Waste consultation/information service	D	Abfallberatungsstelle	Y		Dresden	A telephone hotline and public consultations in the waste mgt. dept. are offered	
	D	Abfallberatungsstelle	Y		Darmstadt	A telephone hotline and public consultations in the waste mgt. dept. are offered: 6 consultants for appr. 140.000 inhabitants	<a href="http://www.ead.darmstadt.de">www.ead.darmstadt.de</a>
	D	Abfallberatungsstelle	Y		Stuttgart	A telephone hotline and public consultations in the waste mgt. dept. and the department for environmental protection are offered, Internet-based guide for repair and rent	<a href="http://www.reparaturfuehrer.de/stuttgart">www.reparaturfuehrer.de/stuttgart</a>
	LT	Patarimai atliekų tvarkymo klausimais			Kaunas	A telephone hotline and public consultations in the waste mgt. Dept. are offered	<a href="http://www.kaunas.lt/savivalda/administracija/administracija_new/skyriai/aas.shtml">http://www.kaunas.lt/savivalda/administracija/administracija_new/skyriai/aas.shtml</a>
	A	Misttelefon  Mobile Abfallberatung			Vienna	A telephone hotline of the city administration of Vienna for all questions concerning waste  Mobile with the staff of the department of waste management in Vienna gives information	+43-01-54648 <a href="http://www.wien.gv.at/ma48/oe2.htm">http://www.wien.gv.at/ma48/oe2.htm</a>
Take back stations for re-usable/recyclable products/materials	D	Recycling- oder Wertstoffhöfe	Y		Dresden, Darmstadt	The city of Dresden is running 7 facilities for this purpose in 2003	
	D	Sonderabfall-Annahmestelle			Darmstadt	Centres where WEEE and hazardous waste can be delivered	
	D	Elektronikschrott	Y			centres where WEEE can be delivered	
	B	?	?			In 1999, there were 39 recognised re-use centres in Flanders, In 1999, Flemish re-use centres collected 14,450 tonnes of re-usable goods and 1,215 tonnes of components. Furniture is the most important re-	

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						Usable product group (7,938 tonnes in 1999), whilst collection of white- and brown goods amounted respectively 1,480 and 711 tonnes	
	LT	Atliekų perdavimo įmonės Kaune			Kaunas	In the Kaunas there are 8 of such enterprises	
	A		N			Used cellular phones can be returned to the phone shop or send by (free) mail	Project: 'Waste prevention in the city of Vienna'. Contact person: Elisabeth Mattes, tel.: +43-6643 3127, email: <a href="mailto:presse@mobilkom.at">presse@mobilkom.at</a>
	A	Wiener Mistplätze	Y		Vienna	In Vienna there are 19 civic amenities with special containers to collect recyclable and reusable wastestreams	<a href="http://www.wien.gv.at/ma48/mist1.htm">http://www.wien.gv.at/ma48/mist1.htm</a>
	NL	Milieustraat, afvalstation	Y			Present in most cities	
Public collection and repair centres for charity or common welfare purposes (re-distribution centres)	D	Sozialer Möbeldienst Altkleidersammlung	Y		Dresden	Goods totalling 797 t in weight were "traded" this way in 2001 and thus saved from becoming waste	
	PL	Akcje zbierania rzeczy używanych organizowane przez Caritas, opiekę społeczną	?		Big cities (e.g: Wroclaw, Warsaw)	Collection of second-hand things (clothes, shoes, toys) organized by Caritas , re-distribution centers	<a href="http://www.caritas.pl/wroclaw">http://www.caritas.pl/wroclaw</a>
	LT	Caritas, skelbimai laikraščiuose			Kaunas	Institutions of the church, also with socio-economic aspects; notice in newspaper.	
	A	Caritas, Humana	Y		Vienna and other Austrian cities	Institutions of the church, also with socio-economic aspects; repairing facilities, stores; old cloths and shoes are collected in numerous containers. A list of all institutions for old goods can be find on the homepage of the City of Vienna	<a href="http://www.wien.gv.at/ma48/tip6.htm">http://www.wien.gv.at/ma48/tip6.htm</a>
	A	RUSZ – Reperatur- und Service Zentrum			Vienna	Socio-economic company where old goods are repaired and sold	<a href="http://www.wien.gv.at/ma48/mist1.htm">http://www.wien.gv.at/ma48/mist1.htm</a>
Product exchange initiatives	D	Gebrauchtwarenbörse	Y		Dresden	Aside from non-governmental and private initiatives, 2 public facilities engaged	
	LT				Kaunas	Non-governmental and private initiatives.	

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Second hand stores	D	Gebrauchtwarenläden/An-u. Verkauf	Y		Dresden, Stuttgart, Darmstadt	Existing in a great number	
	NL	Kringloopwinkel, 2e handswinkel	Y				
	PL	Handel rzeczami używanymi (targowiska, giełdy, komisje, ogłoszenia w gazetach i serwisach www)	Y		All cities in Poland	Second hand stores, notices in local newspapers, stock exchanges....	<a href="http://www.allegro.pl/">WWW.allegro.pl/</a> ; <a href="http://www.autogielda.com.pl/">www.autogielda.com.pl/</a> ,
	LT	Padėvėty prekių parduotuvės			Kaunas	Existing in a great number	
	A	Second-Hand Läden, Taschentralen für Kindersachen	Y		Vienna	Existing in a great number	
Nappy exchange service	D		N				
	UK	Real Nappy Initiative	N				
	A	Initiative Wiener Windeldienst – Waste prevention in baby care	N		Vienna	„Nappy service“: This projects aims to promote the large-scale use of reusable nappies, is broadly supported by the governmental authorities of Vienna through their funding of a nappy service and a nappy voucher; the complementary PR campaign comprises an information package, a consultancy service and press relations dealing with baby care, ecology, public health and modern nappy-changing systems.  The City of Vienna is funding the buying of reusable nappies with € 70.0 per child (2003).	<a href="http://www.webfamilie.at/artikel/236.html">http://www.webfamilie.at/artikel/236.html</a>
Repair centres (footwear, RTV, hh equipment.)	PL	Punkty naprawy (obuwie, sprzęt RTV, AGD.....)	Y		All cities in Poland		<a href="http://www.izbarzemieslnicza.com.pl/czlonkowie.html">http://www.izbarzemieslnicza.com.pl/czlonkowie.html</a>
Waste statutes/ordinances declaring waste avoidance to be an obligation	D		Y		Darmstadt	In the waste management plan it is written, that prevention of waste is prevailed over recycling and disposal.	<a href="http://www.ead.darmstadt.de">www.ead.darmstadt.de</a>
	LT	Atliekų išvengimas ir prevencija LR įstatymuose minimi kaip prioritetai			Kaunas	Waste avoidance is one of the main priorities in the Lithuania Law of Waste	
	A	Abfallvermeidung wird im Abfallwirtschaftsgesetz als Priorität genannt				Waste avoidance is one of the main priorities in the Austrian Law of Waste	

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Voluntary agreements with certain sectors on prevention/minimisation of waste	D	Vereinbarung über die Nutzung von Mehrweggeschirr	N		Dresden, Stuttgart	negotiated for selected occasions (e.g. use of returnable dishes from vendors during the christmas market)	
	LT	Savanoriškas sutikimas mažinti atliekų kiekį, pvz: indų nuoma šventėms			Kaunas	Negotiated for selected occasions (e.g. use of returnable dishes for events) there are 5 of such enterprises in Kaunas	
Reusable dishes	A	Initiative: Ausleihbares Mehrweggeschirr, mietbares Geschirrmobil	N		Vienna	The „mobile reusable dishes service unit“ can be rent for events and have two integrated dish washers – about 400 peace of dishes (plates and cutleries) per hour are available.	<a href="http://www.wien.gv.at/ma48/s-ver.htm#gemob">http://www.wien.gv.at/ma48/s-ver.htm#gemob</a>
	D	Geschirrspül-Mobile	N		Landkreis Torgau	Mobile reusable dish washing unit	
Re-distribution of food from restaurants and canteens	D	Der runde Tafel	Y		Darmstadt	Left over food from restaurants and canteens is provided to the poor	
Secondary raw material purchasing	PL	Skup surowców wtórnych	Y		All cities in Poland		<a href="http://www.eko.org.pl/puszki.html">http://www.eko.org.pl/puszki.html</a> <a href="http://www.surowce.most.org.pl/sk.htm">http://www.surowce.most.org.pl/sk.htm</a>
Home composting	PL	Kompostowanie przydomowe	N				<a href="http://www.webmedia.pl/ogrod/ogrody/k_kompost.htm">http://www.webmedia.pl/ogrod/ogrody/k_kompost.htm</a>
	D	Eigenkompostierung	Y		Darmstadt	If a citizen fulfils certain standards, he can be exempted from the biowaste collection schedule if he undertakes home composting (and thus save money).	<a href="http://www.ead.darmstadt.de">www.ead.darmstadt.de</a>
Connecting households to collection of separated fractions of recyclable waste	D		Y		Dresden	Pick-up system for packaging (Green-dot) waste, biowaste, mixed waste paper and bulky waste, drop-off system for glass, graphic paper, textiles	
	D		Y		Stuttgart	Pick-up system for packaging (Green-dot) waste, biowaste, mixed waste paper and bulky waste, drop-off system for glass, textiles, shoes	
	NL	Gescheiden inzameling van huishoudelijk afval	Y				
	PL	Zbiórka odzieży używanej do kontenerów PCK ustawionych w różnych punktach miasta	Y		Big cities in Poland	Collection of second-hand clothes to the PCK-containers Containers	<a href="http://www.pck.org.pl">http://www.pck.org.pl</a>

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	PL	Zbiórka baterii w szkołach	N			situated in different parts of city Batteries collection in selected cities and schools	
	LT	Atliekų rūšiavimas namų sektoriuje				Pick-up and drop-off system for plastic, paper, alu cans and glass.	
	A		Y		Vienna/Austria	Pick-up and drop-off system for packagings, biowaste, paper, alu cans and metal cans, glass and textiles	
Collection of used oil	A	Praktische Sammlung von Altspeiseöl mit Wiener Ölsammelkübel (WÖLI), kostenloses Service der MA 48			Vienna	A special can is given to the households to collect used oils, the households bring it back to the collection points for waste of the City of Vienna; production of bio-diesel of these used oils	<a href="http://www.wien.gv.at/vtx/vtx-rk-xlink?SEITE=020021128012&amp;DATUM=20021128">http://www.wien.gv.at/vtx/vtx-rk-xlink?SEITE=020021128012&amp;DATUM=20021128</a>
	D	Sonderabfall-Annahmestelle	Y		Darmstadt	Waste oil can be brought to collection points	<a href="http://www.ead.darmstadt.de">www.ead.darmstadt.de</a>
	LT	Individualaus transporto panaudotų tepalų surinkimas ir išvežimas nukenksminti			Kaunas	The households bring it back to the waste collection points of the Kaunas City	<a href="http://www.kaunas.lt/miestas/aplinka/tepalai.shtml">http://www.kaunas.lt/miestas/aplinka/tepalai.shtml</a>
<i>Financial measures</i>							
Collection of waste charges from households	D		Y		Dresden	Charges were increased three times since 1991 (94,99, 03)	
Waste charging based on the polluter-pays-principle (PAYT)	D	Verursachergerechte Gebührenerfassung	N	1991-present	Dresden	From 1991-98: accounting based on actual number of emptying only, 1995 areawide introduction of bin-identification system for household waste collection, 1998 introduction of fixed minimum fee	
	LT	Principas „teršėjas moka“				Till end of 2004 polluter – pays must be realized in principle. Till this time the cost of waste treatment are paid by budget or funds of local administration	
	D	Dosenpfand	Y	2003	Germany	Since 2003 a deposit is put to certain one way beverage packagings	
Tax or special levies on undesired (e.g. packaging) materials	D	Kommunale Verpackungssteuer	N	1994-1998	Dresden	About 200 commercial facilities were covered; stopped 1998 by decision of Federal constitutional court	

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	A		N				
<i>Legal measures</i>							
Ban on certain products or materials	D	Verbot von Einweggeschirr	N		Dresden	Imposed for certain occasions only	
<i>Reports on policy, research and examples</i>							
	OECD					OECD Reference Manual on Strategic Waste Prevention	<a href="#">OECD Manual</a>
	NL	Minder Afval: ideeën voor Gemeenten				AOO Guide with ideas for waste prevention for municipalities (Dutch only)	<a href="#">AOO preventie ideeën</a>
	EU + Accession States					Deliverable from the LCA-IWM Project: Policy recommendations for waste reduction measures and their expected quantified impact	<a href="#">LCA-IWM prevention policy and impacts</a>
	EU					European Environmental Agency report on waste prevention and minimisation case studies in EU countries	<a href="#">EEA prevention case studies overview</a>
	EU					European Commission Report on waste prevention and minimisation in EU countries	<a href="#">EC country prevention overview</a>
	EU					European Commission Strategy on Waste Prevention and Recycling	<a href="#">EC Prevention Strategy</a>

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