

ANNEX 4: RECOVERY/RECYCLING TARGETS FOR PACKAGING, WEEE, ELV AND BATTERIES

Member State	Packaging recovery/ recycling targets	WEEE recovery/ recycling targets	ELV recovery/ recycling targets	Batteries recovery/ recycling targets
AT	<u>Packaging, Green Dot</u> The same recycling and recovery targets as in Packaging Directive. Transposition deadline: 30/06/96	The same targets as in WEEE Directive.	The same targets as in the ELV Directive.	
BE	<u>Packaging, Green Dot</u> 80% recycling, and at least 90% recovery of the materials covered. Minimum recycling levels by material (from 2010): Glass: 60% (household and industrial) Paper/cardboard: 60% (household and industrial) Drink cartons: 60% (household and industrial) Metal: 50% (household and industrial) Plastic: 30% (household and industrial)	Reuse and recycling of parts and materials: Ferrous metals: 95 % Non-ferrous metals : 95 % plastics : 50 % batteries : 65 % Recovery of parts and materials: plastics : 80 % Individual product categories, targets in weight %; Reuse and recycling of parts and materials: <ul style="list-style-type: none"> • large household equipment and fluorescent tubes: 80 % • automates: 75 % • other equipment: 70 % Recovery of parts and materials:	2006: 85% of ELVs treated to be recycled (80%) or recovered (5%) 2015: 95% recycling and 10% recovery	

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	<p>Wood: 15% (industrial)</p> <p>Minimum overall targets for recycling and recovery (from 2010):</p> <p>Recycling: 80% (household); 80% (industrial)</p> <p>Recovery: 90% (household), 85% (industrial)</p> <p>Transposition deadline: 30/06/96</p>	<ul style="list-style-type: none"> large Household equipment : 85 % automates: 80 % IT and telecommunications equipment: 75 % 		
BG	<p><u>Packaging, Green Dot</u></p> <p>Recovery (2010): 48 %</p> <p>Recycling (2010): 47 %</p> <p>Specific Targets by Materials: 19% plastics, 51% glass, 60% paper, 50% metals, 15% timber.</p> <p>Multiple deadlines for targets, starting from 31 December 2006</p>	<p>Category 1. Large household equipment and Category 10. Automatic dispenser = 80% minimum recovery rate; 75% minimum reuse and recycling rate.</p> <p>Category 3. Computer and telecommunication equipment and Category 4. Consumer appliances = 75% minimum recovery rate; 65% minimum reuse and recycling rate.</p> <p>Category 2. Small household equipment, Category 5. Lighting equipment, Category 6. Electrical and electronic tools Category 7. Toys, leisure and sports equipment and Category 9. Monitoring and control equipment = 70% minimum recovery rate; 50% minimum reuse and recycling rate.</p> <p>Gas-discharge lamps = 80% minimum</p>	<p>2011 = 90% (minimum reuse and recovery rate); 82% (minimum reuse and recycling rate).</p> <p>2012 = 91% (minimum reuse and recovery rate); 83% (minimum reuse and recycling rate).</p> <p>2012 = 93% (minimum reuse and recovery rate); 84% (minimum reuse and recycling rate).</p>	

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		recovery rate; 80% minimum reuse and recycling rate.		
CY	<p><u>Green Dot</u></p> <p>From 2012:</p> <p>a) recover or incinerate in waste incineration facilities for energy recovery, at least 60% of the weight of packaging waste;</p> <p>b) recycle between 55% as a minimum and 80% as a maximum of the weight of the packaging waste, and</p> <p>c) recycle, the following materials that are included in packaging waste:</p> <ul style="list-style-type: none"> • 60% of the weight of glass • 60% of the weight for paper and cardboard • 50% of the weight of metal • 22,5% of the weight of plastic, taking under consideration material which can be recycled into plastic • 15% of the weight of wood. <p>Transposition deadline: 31/12/2012</p>	<p>Recovery target: at least 4 kg of electronic and electrical equipment per capita annually (about 3000 t/y)</p> <p>The same recycling and reuse targets same as in the WEEE Directive.</p>	<p>The same targets as in ELV Directive.</p>	<p>25% recycling of portable batteries put on the Market until 26/9/2012.</p> <p>45% recycling of portable batteries put on the Market until 26/9/2016.</p> <p>The same recycling targets as in the Batteries Directive.</p>

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CZ	Transposition deadline: 31/12/2012		The same targets as in ELV Directive.	
DK	<u>Packaging, Deposit Refund</u> 95% recovery by 1 January 2005. Transposition deadline: 30/06/96	Producers, importers or any person responsible for management of waste electrical and electronic equipment shall ensure that the following rates of reuse or recycling are met: <ul style="list-style-type: none"> • Minimum of 75% of equipment falling under the categories 1 and 10 of WEEE Directive; • Minimum of 65% of equipment falling under the categories 3 and 4 • Minimum of 50% of equipment falling under the categories • Minimum of 80% of waste gas discharge lamps. 	Reduce the amount of ELV waste landfilled in Denmark from the current 20% to 5%.	
EE	<u>Deposit Refund</u> Recovery targets for all packaging placed on the market and deposit system for one way and multi-use packaging of beer, alcohol drink with low ethanol content and soft drinks in glass, plastic and metal packaging : <ul style="list-style-type: none"> • 50% recovery by 2004 • 60% recovery by 2010 <u>Packaging, Green Dot</u> 2004-2010: collection and recovery of 50% of total			

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	<p>packaging put in the market by packaging operator (packer and importer)</p> <p>2012: Compliance with EU norms.</p> <p>Transposition deadline: 31/12/2012</p>			
FI	<p><u>Packaging, deposit refunds</u></p> <p>Recovery and reuse target (drink containers): 90 %</p> <p>Recycling target (metal drink containers): 90 %</p> <p>Recovery for recycling target (disposable drink containers): 80%</p> <p><u>Packaging and packaging waste</u></p> <p>The same targets as in the Packaging Directive.</p> <p>Transposition deadline: 30/06/96</p>	The same targets as in the WEEE Directive.	The same targets as in the ELV Directive.	The same targets as in the Batteries Directive.
FR	<p><u>Packaging, Green Dot</u></p> <p>Recycling target (2008): 55 %; 75% by 2012.</p>	<p>Collection target: 6 kg/per capita/year for household WEEE (2010); +1kg/year/per capita by 2014.</p>	<p>Implicit collection target : 100%</p> <p>Reuse and recycling target : 80% (2006); 85% by 2015</p>	<p>Collection targets: 25% (2012); 45% by 2016</p> <p>Minimum recycling target: 50%, 65% or 75% of the</p>

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	Transposition deadline: 30/06/96		Reuse and recovery target : 85% (2006); 95% by 2015.	weight of batteries and accumulators depending on their category.
DE	<u>Green Dot</u> 65% weight must be recovered 55% weight must be recycled. Specific recycling targets apply different materials: Wood: 15% Synthetics: 22,5% Metals: 50%, Glass/Paper/Card: 60% Transposition deadline: 30/06/96	Collection of 4 kg of WEEE per year/per capita. Recovery targets: between 70 and 80 % according to WEEE type, Recycling targets: between 50 and 80% according to WEEE type.	Reuse and recovery targets (2006): 85% Reuse and recycling: 80%	All established take-back systems must achieve a collection rate of 35% by 2012 and of 45% by 2016.
GR	Transposition deadline: 30/06/96	Minimum recovery target: 70% - 80 % by an average weight per appliance. The exact rate depends on the category of electronic equipment.	By 1 January 2015 minimum reuse and recovery rate: 95% by an average weight per vehicle and year.	
HU	<u>Green Dot</u> The same targets as in the Packaging Directive. Transposition deadline: 31/12/2012			

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IE	<u>Packaging, deposit refunds</u> Minimum return target: 85% of all beverage containers. <u>Packaging, Green Dot</u> To recover and recycle a total of 60% of all packaging placed on the market by the end of 2008 Transposition deadline: 30/06/96	Collection target: 4kg/per capita/per year.	Reuse and recovery rate (from 2006): 85% by average weight per vehicle deposited for appropriate treatment (to include 80% materials recycling); 95% reuse and recovery by 1 January 2015 (to include 85% materials recycling).	Minimum collection target for producers: <ul style="list-style-type: none"> - 25% by 26 September 2012, and - 45% by 26 September 2016, of the quantity by type of portable battery they have placed on the market.
IT	<u>Packaging, Green Dot</u> Recovery target: at least 60% are recovered, of which between 55% and 80% are recycled, for the following streams: glass: 60%, paper and card: 60%, metals: 50%, plastics (only regarding the plastics part): 26%, wood: 35%. Transposition deadline: 30/06/96	Targets for WEEE falling under categories 1 and 10 Annex I of WEEE Directive: minimum 80% recovery and 75% re-use and recycling; Targets for WEEE falling under categories 3 and 4 Annex I: minimum 75% recovery and 65% re-use and recycling; Targets for WEEE falling under categories 2, 5, 6, 7 and 9 of Annex IA: 70% recovery, of which 50% are recycled and reused; For all gas discharge lamps, the rate of component, material and substance reuse and recycling shall be a minimum of 80 % by weight of the lamps.	The same targets as in the ELV Directive.	The same targets as in the Batteries Directive.
LV	<u>Packaging, packaging waste</u>	Collection target for large household	Implicit 100% recovery and	Collection target for lead-acid

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	<p>Same as determined in the Packaging Directive for Latvia.</p> <p>Transposition deadline: 31/12/2015</p>	<p>equipment (except for large refrigeration equipment, cold storage depots and refrigerators): 25%; 80% treatment target.</p> <p>Collection target for large refrigeration equipment, cold storage depots and refrigerators : 25%; 80% treatment target</p> <p>Collection target for small household equipment: 25%; 70% treatment target.</p> <p>Collection target for information technology and electronic communication equipment (except for monitors and mobile phones): 25%; 75% treatment target</p> <p>Collection target for monitors: 25%; 75% treatment target</p> <p>Collection target for mobile phones: 25%; 75% treatment target</p> <p>Collection target for widely equipment provided for wide consumption (except for television sets): 25%;75% treatment target</p> <p>Collection target for television sets: 25%;75% treatment target</p> <p>Collection target for electrical and</p>	<p>treatment target.</p>	<p>batteries and accumulators: 25%; 65% treatment target</p> <p>Collection target for nickel-cadmium batteries and accumulators:25%; 75% treatment target</p> <p>Collection target for other types of waste batteries and accumulators: 25%; 50% treatment target.</p>

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		<p>electronic instruments (except for large fixed production machinery which is not portable or is permanently fixed): 25%;70% treatment target</p> <p>Collection target for light bulbs containing mercury: 50%;70% treatment target</p> <p>Collection target for lighting installation (except for light bulbs containing mercury):25%;70% treatment target</p> <p>Collection target for monitoring and control tools:25%;70% treatment target</p> <p>Collection target for toys, sport and recreation inventory: 25%;70% treatment target</p> <p>Collection target for medical devices (except for implanted and contaminated medical devices):25%;70% treatment target</p> <p>Collection target for automatic vending machines: 25%; 80% treatment target.</p>		
LT	<u>Packaging, deposit refund</u> Return target (2007-2009): 80% Return target (2010-2012): 85%	WEEE collection target: 44-56% (by weight of EEE placed on the market).		Recovery and recycling target: 80% (expressed as a percentage of the weight of batteries and accumulators which were placed into the

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	Transposition deadline: 31/12/2012			market).
LU	Transposition deadline: 30/06/96	The same targets as in the WEEE Directive.	Minimum recovery target (to be met by 1st January 2015): 95% of the average weight per vehicle per year. Minimum reuse and recycling target: 85% of the average weight per vehicle per year.	Minimum collection target: - 2012: 25% - 2016: 45% From 2011 minimum recycling targets: <ul style="list-style-type: none"> • 65% of the average weight of lead-acid batteries and accumulators • 75% of the average weight of nickel-cadmium batteries and accumulators • 50% of the average weight of other waste batteries and accumulators.
MT	<u>Packaging, Green Dot</u> Recovery target: minimum 51% and maximum 65% of all packaging material put on the market. Recycling target: minimum 21% and maximum 45% of packaging material put on the market.		The same targets as in the ELV Directive.	The same targets as in the Batteries Directive.

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	<p>Minimum targets per material by weight:</p> <ul style="list-style-type: none"> - Glass: 60% - Metal: 50% - Plastic: 15% - Paper and cardboard: 65%. <p>Transposition deadline: 31/12/2013</p>			
NL	<p><u>Packaging, Green Dot</u></p> <p>Producer re-use target (as a material or fuel source): 75% of the total quantity of packaging by weight; 70% re-used as a material.</p> <p>Producer collection and re-use targets by packaging category:</p> <ul style="list-style-type: none"> - Plastic drinks packaging (larger than 500 ml): minimum 95% - Plastic drinks packaging (smaller than 500 ml): minimum 55% - Remaining plastic packaging: minimum 45% will be re-used (as a material or fuel 	<p>For different equipment by categories defined in Annex IA of the WEEE Directive (2006):</p> <ul style="list-style-type: none"> - minimum recovery target: 70-80 % by an average weight per appliance, and - minimum reuse and recycling target: 50-75 % by an average weight per appliance; <p>For gas discharge lamps, the rate of component, material and substance reuse and recycling shall be minimum 80% by weight of the lamps.</p>	The same targets as in the ELV Directive.	

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	<p>source); minimum 27% by weight will be re-used as a material</p> <p>Other material types – minimum reuse rates by weight:</p> <ul style="list-style-type: none"> - Glass packaging: 90% - Paper and card packaging: 75% - Metal packaging: 85% - Wood packaging: 25%. <p>Transposition deadline: 30/06/96</p>			
PL	<p><u>Packaging, Green Dot</u></p> <p>The same targets as in the Packaging Directive.</p> <p>Transposition deadline: 31/12/2014</p>	Minimum recovery target: 24% (40% for lighting equipment)	The same targets as in the ELV Directive.	The same targets as in the Batteries Directive.
PT	<p><u>Packaging, Green Dot</u></p> <p>Targets to be met by 2011:</p> <ul style="list-style-type: none"> • Recovery: 60% of the total weight of packaging waste placed on the market • Recycle: minimum 55% of this waste <ul style="list-style-type: none"> - Minimum recycling target by 	WEE Collection target (2006): 4 kg/per capita/per year from domestic users.	<p>Targets to be met by 2015:</p> <ul style="list-style-type: none"> - Minimum reuse and recovery target of 95% by an average weight per vehicle and year; - Minimum reuse and recycling target of 85% by an average weight per vehicle and year. 	<p>Producers collection targets:</p> <ul style="list-style-type: none"> - 25% (by 2011), - 45% (by 2015).

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	<p>material:</p> <ul style="list-style-type: none"> - Glass: 60% - Paper and cardboard: 60% - Metal: 50% - Plastic: 22.5% - Wood: 15% <p>Transposition deadline: 30/06/96</p>			
RO	<p><u>Packaging, Green Dot</u></p> <p>The same targets as in the Packaging Directive.</p> <p>Multiple deadlines for targets, starting from 31 December 2006</p>	The same targets as in the WEEE Directive.		
SE	<p><u>Packaging, Deposit Refund</u></p> <p>Minimum recycling target:</p> <p>Aluminium cans: 90%,</p> <p>PET containers: 90%..</p> <p>Transposition deadline: 30/06/96</p>			
SK	Transposition deadline: 31/12/2012			
SI	<p><u>Packaging, Green Dot</u></p> <p>Targets to be met by 2012:</p>		Reuse and recycling target (2008): 87.64%	

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	<ul style="list-style-type: none"> - Recovery or incineration: minimum 60 % by weight - Recycling: minimum 55% and maximum 80% by weight. <p>Minimum recycling targets for materials contained in packaging:</p> <ul style="list-style-type: none"> - Paper and board: 60% by weight, - Wood: 15% by weight, - Glass: 60% by weight, - Metal: 50% by weight, - Plastics, counting exclusively material that is recycled back into plastics): 22.5% <p>Transposition deadline: 31/12/2012</p>		Reuse and recovery target (2008): 89.67%	
ES	<p><u>Packaging, Deposit Refund</u></p> <p>Recovery target: between 50%-65%, of which 25%-45% is to be recycled.</p> <p>Transposition deadline: 30/06/96</p>			
UK	<p><u>Packaging, Green Dot</u></p> <p>The same targets as in the</p>		Reuse, recycling and recovery target: 85% (due to rise to	2012: 25% of all batteries placed on the market by producer responsibility

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	Packaging Directive. Transposition deadline: 30/06/96		95% from 2015).	scheme members have to be collected and recycled to the required standards dependant on chemistry. From 2016, the target rises to 45%.