

Annex 1 An overview of EU and national waste targets

Table 1 - Targets for municipal waste currently in force in the Republic of Croatia

EU directive	EU target	Year for attaining targets according to EU legislation	Status of Croatian legislation compared to EU legislation	NWMP target	Year for attaining targets according to NWMP
Waste Framework Directive 2008/98/EC	Prepare for re-use and recycling 50%, by weight, at least paper, metal, plastic and glass from households and possibly from other origins as far as these waste streams are similar to waste from households	December 2020	Target on municipal waste has been transposed by the Act on Sustainable Waste Management (OG 94/2013, 73/2017, 14/2019, 98/2019) At the EU level quantitative targets on production of municipal waste (municipal waste prevention) are not defined	NWMP target 1.1. - Reduce total quantity of produced municipal waste by 5% NWMP target 1.2. - Separately collect 60% by weight of the produced municipal waste (primarily paper, glass, plastics, metal, bio-waste, etc.) NWMP target 1.3. - Separately collect 40% by weight of the produced municipal biowaste	By the 2022 compared to 2015
Landfill Directive 1999/31/EC ¹	Reduce the biodegradable waste landfilled to 75% of that produced in 1995.	2010	According to Chapter 27: Environment of the Accession Treaty (based on the Landfill Directive 1999/31/EC), the target has been transposed to the Act on Sustainable Waste Management ² . Years for attaining targets are 2013, 2016 and 2020.	NWMP target 1.4. - Dispose at landfill less than 25% of produced municipal waste	By the 2022 compared to 2015
	Reduce the biodegradable waste landfilled to 50% of that produced in 1995.	2013			
	Reduce the biodegradable waste landfilled to 35% of that produced in 1995.	2020			

¹ Where over 80% of biodegradable municipal waste was being landfilled in 1995, a four year derogation on these targets can apply. In Table are presented targeted dates for attaining targets with applied derogation.

² Croatia negotiated year 1997 as a baseline year for produced biodegradable municipal instead 1995, or the latest year before 1995, as defined by Landfill Directive 1999/31/EC. Years for attaining targets are 2013, 2016 and 2020

Table 2 - Targets for special waste categories and other targets currently in force in the Republic of Croatia

EU directive	EU target	Year for attaining target according to EU legislation	Status of Croatian legislation compared to EU legislation	NWMP target	Year for attaining target according to NWMP
Packaging and Packaging Waste Directive 94/62/EC	<ul style="list-style-type: none"> – Recycle 55 % - 80 % of packaging waste by weight. – Recover (energy recovery included) 60 % of packaging waste by weight. – Recycling rates for specific materials in packaging waste are: <ul style="list-style-type: none"> • 60 % by weight for glass; • 60 % by weight for paper and board; • 50 % by weight for metals; • 22,5 % by weight for plastics, counting exclusively material that is recycled back into plastics; • 15 % by weight for wood 	From ³ 2008.	Targets are transposed by the Ordinance on Packaging and Waste Packaging (OG 88/2015, NN 78/2016, 116/2017, 14/2020);	NWMP target 2.3. - Improve the packaging waste management system	By the 2022 compared to 2015
Directive on Waste Electrical and Electronic Equipment 2012/19/EU	<p>Minimum annual rates for separate collection of WEEE</p> <p>At least 4 kg / inhabitant of WEEE from households or the same weight as the average amount of WEEE collected in Member State in the three preceding years <i>Whichever of the two figures that is highest shall apply.</i>⁴ 45% - calculated on the basis of the total weight of WEEE collected in a given year in the Member State, expressed as a percentage of the average weight of EEE placed on the market in the three preceding years in that Member State 65% of the average rate EEE placed on the market, calculated on the basis of the average weight of EEE placed on the market in the three preceding years in that Member State or 85% of WEEE generated on the territory of Member State.</p>	<p>By 31 December 2015</p> <p>From 2016 to 2018</p> <p>From 2019</p>	Targets are transposed by the Ordinance on the Management of Waste Electrical and Electronic Equipment (OG No. 42/2014, 48/2014, 107/2014, 139/2014, 11/2019, 7/2020).	NWMP target 2.6. - Improve waste management system of other special waste categories	By the 2022 compared to 2015

³ Deadline for attaining these yearly targets for the first time was 31 December 2008.⁴ Croatia applied minimum annual rates for separate collection of WEEE: 4 kg / inhabitant of WEEE from households

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EU directive	EU target	Year for attaining target according to EU legislation	Status of Croatian legislation compared to EU legislation	NWMP target	Year for attaining target according to NWMP
	<p><i>MS can choose which one of these two equivalent ways to measure the target they wish to report.⁵</i></p> <p>Recycling/preparing for reuse/recovery targets⁶</p> <p>50-80% depending on WEEE category</p> <p>55-85% depending on WEEE category</p> <p>55-85% depending on WEEE category</p>	<p>By 14 August 2015</p> <p>15 August 2015 to August 2018</p> <p>From 15 August 2018</p>			
End of Life Vehicles Directive 2000/53/EC	<p>Reuse and recycling to a minimum of 85% by average weight of vehicle and year-</p> <p>Reuse and recovery to a minimum of 95% by average weight of vehicle and year.</p>	<p>From 1 January 2015</p>	<p>Targets are transposed by the Ordinance on the management of end-of-life vehicles (OG 125/15, 90/16, 60/18, 72/18, 81/20)</p>	<p>NWMP target 2.6. - Improve waste management system of other special waste categories</p>	<p>n/a</p>
Batteries Directive 2006/66/EC	<p>Minimum collection rates</p> <p>25%</p> <p>45%</p> <p>Recycling processes shall achieve the following minimum recycling efficiencies:</p> <p>Recycling of 65 % by average weight of lead-acid batteries and accumulators, including recycling of the lead content to the highest degree that is technically feasible while avoiding excessive costs;</p> <p>Recycling of 75 % by average weight of nickel-cadmium batteries and accumulators, including recycling of the cadmium content to the highest degree that is technically feasible while avoiding excessive costs</p> <p>Recycling of 50 % by average weight of other waste batteries and accumulators</p>	<p>By 26 September 2012</p> <p>By 26 September 2016</p> <p>From September 2011</p>	<p>Targets are transposed by the Ordinance on batteries and accumulators and waste batteries and accumulators (OG 111/15)</p>	<p>NWMP target 2.6. - Improve waste management system of other special waste categories</p>	<p>n/a</p>
Waste Framework	<p>Prepare for re-use recycling/material recovery, including backfilling</p>	<p>December 2020</p>	<p>Target on construction waste</p>	<p>NWMP target 2.1.</p>	<p>By the 2022</p>

⁵ Croatia is applying 45% minimum annual rate for separate collection

⁶ Detailed overview of targets by WEEE category are given in Annex 1

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EU directive	EU target	Year for attaining target according to EU legislation	Status of Croatian legislation compared to EU legislation	NWMP target	Year for attaining target according to NWMP
Directive 2008/98/EC	operations using waste to substitute other materials, 70% by weight, of non-hazardous construction and demolition waste, excluding naturally occurring material defined in category 17 05 04 ⁷		is transposed by the Act on Sustainable Waste Management	– Separately collect 75% by weight of the produced construction waste	compared to 2015
Other qualitative targets defined by NWMP					
	NWMP target 2.2 – Establish system for sludge waste management from waste water treatment plants				By the 2022 compared to 2015
	NWMP target 2.4 – Establish waste management system for marine litter				By the 2022 compared to 2015
	NWMP target 2.5 - Establish waste management system for waste ships, wrecks and sunken things on the seabed				By the 2022 compared to 2015
	NWMP target 3 – Improve hazardous waste management system				By the 2022 compared to 2015
	NWMP target 4 - Remediate sites contaminated with waste				By the 2022 compared to 2015
	NWMP target 5 - Continuously carry out educational and informative activities				By the 2022 compared to 2015
	NWMP target 6 - Improve the waste management information system				By the 2022 compared to 2015
	NWPM target 7 - Improve supervision of waste management				By the 2022 compared to 2015
	NWMP 8 - Improve administrative procedures in waste management				By the 2022 compared to 2015

⁷ Soil and stones other than those mentioned in 17 05 03 (European List of Waste - EC's Decision of 3 May 2000 replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste (2000/532/EC))

Table 3 - Recovery/recycling / preparing for reuse targets according to Directive 2002/96/EC (Art.7(2)) and Directive 2012/19/EC (Annex V)

Category		Recovery targets		Recycling / preparing for reuse targets	
		By 14.08.2015	15. 08.2015 – 14.08.2018	By Aug. 14.08.2015	15. 08.2015 – 14.08.2018
1	Large household appliances	80%	85%	75%	80%
2	Small household appliances	70%	75%	50%	55%
3	IT and telecommunications equipment	75%	80%	65%	70%
4	Consumer equipment and photovoltaic panels	75%	80%	65%	70%
5	Lighting equipment	70%	75%	50%	55%
5a	Gas discharge lamps	n/a	n/a	80%	80%
6	Electrical and electronic tools	70%	75%	50%	55%
7	Toys, leisure and sports equipment	70%	75%	50%	55%
8	Medical devices	(70%)*	75%	(50%)*	55%
9	Monitoring and control instruments	70%	75%	50%	55%
10	Automatic dispensers	80%	85%	75%	80%

* Target valid as of 13 August 2012

SOURCE - Summary document of the Waste electrical and electronic equipment rates and targets, European Commission, Eurostat (<https://ec.europa.eu/eurostat/documents/342366/351758/Target-Rates-WEEE>)**Table 4** - Recovery and recycling / preparing for reuse targets acc. to Directive 2012/19/EC (Annex V) as of 15 August 2018

	Category	Recovery	Recycling / preparing for reuse
1	Temperature exchange equipment	85%	80%
2	Screens, monitors, and equipment containing screens having a surface greater than 100 cm ²	80%	70%
3	Lamps	n/a	80%
4	Large equipment (any external dimension more than 50 cm)	85%	80%
5	Small equipment (no external dimension more than 50 cm)	75%	55%
6	Small IT and telecommunication equipment (no external dimension more than 50 cm)	75%	55%

SOURCE - Summary document of the Waste electrical and electronic equipment rates and targets, European Commission, Eurostat (<https://ec.europa.eu/eurostat/documents/342366/351758/Target-Rates-WEEE>)