

European Commission



Detailed assessment of Waste Management Plans - second batch

*Service Request under the Multiple Framework Contract with re-opening of competition
"Assistance to the Commission on the assessment of Waste Management Plans
and on compliance monitoring and support of the implementation
of the Waste Framework Directive"*

Reference: ENV.C.2/FRA/2013/0023

Final report

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Part of Ramboll

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Project team	The project has been performed by BiPRO – Part of Ramboll. Assessments of selected waste management plans have been performed by Ramboll Poland, Copenhagen Resource Institute, and G-advisory.
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Disclaimer	The report is based on the assessment of 68 national and regional WMPs during the period August 2016 to February 2018, with a focus on 27 full assessments. All information as included in the report presents the status of each WMP at the time of assessment. This report has been prepared for the European Commission in accordance with the associated contract. It must be stressed that the views expressed in this report which are not otherwise assigned are those of the authors and are not necessarily shared by the European Commission. Please refer to this report as: <i>EC BiPRO 2018, Detailed assessment of Waste Management Plans – second batch, Final report, February 2018.</i>

Content

1	Background and objectives	6
2	Approach and assessment methodology	7
3	WMPs selected for assessment	15
4	Full assessment results	36
4.1	Overview of overall assessment results.....	37
4.2	General information.....	38
4.3	Level coherence check	39
4.4	Compliance check	41
4.5	Optional requirements of Article 28 WFD and targets/requirements of EU waste legislation	48
4.6	Information on policy instruments	62
5	Conclusion.....	64
6	Annex: Recommendations on how to prepare a good waste management plan ..	65
6.1	General recommendations	66
6.2	Specific recommendations.....	69

List of figures

Figure 1:	Structure of overall assessment	13
Figure 2:	Structure of overall rating categories	14
Figure 3:	Overview of assessment results – compliance check	41
Figure 4:	Overview of assessment criteria rated with “NO” within the compliance check ..	42
Figure 5:	Overview of assessment results - all waste streams	48
Figure 6:	Overview of assessment results - information on municipal waste	50
Figure 7:	Overview of assessment results - information on packaging waste	51
Figure 8:	Overview of assessment results - information on biodegradable waste	52
Figure 9:	Overview of assessment results - information on hazardous waste	53
Figure 10:	Overview of assessment results - information on batteries / accumulators	54
Figure 11:	Overview of assessment results - information on WEEE	55
Figure 12:	Overview of assessment results - information on waste oils	56
Figure 13:	Overview of assessment results - information on ELVs	57
Figure 14:	Overview of assessment results - information on C&D waste	58
Figure 15:	Overview of assessment results - information on industrial waste	59
Figure 16:	Overview of assessment criteria rated with “NO” for nine specific waste streams	60
Figure 17:	Overview of assessment results – information on fulfilment of targets/ requirements	61

List of tables

Table 1:	Overview of targets and requirements based on the WFD and the connected waste legislation	9
Table 2:	Overview of full WMP assessments per Member State and administrative level .	15
Table 3:	Overview of short and special assessments per Member State and administrative level	16
Table 4:	Detailed overview of all WMPs under assessment	17
Table 5:	Overview of assessment results for 27 WMPs under full assessment	37
Table 6:	Overview of the administrative structure of waste management planning in 11 Member States	39

Glossary and abbreviations

Abbreviation	Explanation
CA	Competent Authority
C&D waste	Construction and demolition waste
EC	European Commission
ELV	End-of-life vehicle
EU	European Union
kg	Kilogram
MBT	Mechanical Biological Treatment
MSW	Municipal Solid Waste
MS	Member State
n.a.	Not applicable
PAYT	Pay-as-you-throw
t	Tonnes
WEEE	Waste Electrical and Electronic Equipment
WFD	Waste Framework Directive
WMP	Waste Management Plan

1 Background and objectives

Proper legal implementation, application and practical enforcement of EU waste legislation are key priorities of EU environmental policy, in order to comply with the obligation of the EU Commission to ensure and oversee the application of EU legislation according to the Treaty of the European Union (TFEU). In this regard, **waste management planning** is one of the key tools for authorities to convert the principles of EU waste legislation at national, regional and local level within their Member State.

The Member States' authorities are therefore obliged to establish in accordance with Articles 1, 4, 13 and 16 of the Waste Framework Directive (WFD)¹ one or more **waste management plans (WMP)**. The plans shall – alone or in combination – cover the entire geographical territory of the Member State concerned. The plan(s) shall set out an analysis of the current waste management situation in the geographical entity concerned, as well as the measures to be taken with respect to environmentally sound preparation for re-use, recycling, recovery and disposal of waste and an evaluation of how the plan will support the implementation of the objectives and provisions of the Directive. **Article 28 of the WFD** defines both the **mandatory and optional requirements and the content of the WMP**. In addition, Article 29 requires the establishment of a waste prevention programme (WPP), integrated either into the WMP, into other environmental programs or as a separate programme. Furthermore, Member States shall inform the Commission of the WMP and WPP and of its revisions.

The aim of the project has been to assist the Commission in the **assessment of the completeness and conformity of waste management plans** at national, regional and local level, as well as sectoral plans, if necessary, with the legal requirements of the Waste Framework Directive and other key EU waste legislation. The objective was to identify a list of essential gaps and provide recommendations that would ensure that these plans fulfil the requirements and objectives of the EU waste legislation. The assessment exercise has been part of a broader strategy with the objectives to improve compliance and implementation of EU waste legislation and to provide support to Member States in their efforts to improve compliance. Further, the assessment of the WMPs is an important factor to be considered in the context of applications for EU regional funding.

¹ Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives (OJ L 312, 22.11.2008, p. 3).

2 Approach and assessment methodology

Selected waste management plans (WMPs) have been assessed alongside a set of evaluation criteria reflecting the applicable legislation and taking into account the geographical levels at which WMPs can be developed (national, regional, local). Connections and coherence between WMPs at different levels have been considered.

The assessment methodology was based on the following requirements:

- simple and straight forward in order to summarise the content of the WMPs and the results of the WMP assessment;
- enable an easy and quick comparison between the various WMPs;
- repeatable for future WMP assessments;
- include an overall qualitative assessment.

For each WMP under **full assessment**², an evaluation report consisting of **four main parts** has been prepared:

- Part A: Summary of key information
- Part B: Assessment results
- Part C: Recommendations
- Part D: Detailed assessment

In **Part D – detailed assessment** – the following information as included in WMPs was summarised and rated within seven chapters (**assessment, whether information is sufficiently included or not**):

- **Chapter 1: Overview of WMP and administrative structure in the MS**

This section includes basic information on the WMP. Alongside three assessment criteria it was evaluated, whether the following information is mentioned in the plan or not:

Application period and legal adoption / review period / competent authority for drafting WMP.

It further investigates the national administrative structure of waste management policies. Article 28 of WFD does not prescribe the administrative level at which Member States should establish WMPs, but only requires that “... *plans shall, alone or in combination, cover the entire geographical territory of the Member State concerned.*” If WMPs exist at different levels, it is described on what levels (national, regional, local) specific waste management issues are managed. Based on that, a conclusion has been made whether all waste management issues

² Please note that this report focuses on describing results of full WMP assessments only. For short and special WMP assessments, only selected assessment criteria have been applied; therefore, a comparison similar to 27 full assessment reports is not possible.

are covered in the Member State and if the assessment of one national, regional, or local WMP is sufficient to give an overview of the waste management situation in the country.

- **Chapter 2: Mandatory requirements of Article 28 WFD (“compliance check”)**

Alongside 18 assessment criteria it was evaluated, whether information as required under the WFD is included or not:

Definition, type, source of municipal waste generated / waste amounts / future waste arisings / existing waste collection schemes / major disposal and recovery installations / waste shipments / special arrangements / assessment of the need for new collection schemes / additional waste installations infrastructure / capacity of future disposal and major recovery installations / location criteria for site identification / closure of existing waste installations / description of waste policies / planned waste management technologies or methods / policies for waste posing specific management problems / evaluation of WMP / information on packaging waste / information on biodegradable municipal waste.

- **Chapter 3: Optional requirements of Article 28 WFD and other targets / requirements of EU waste legislation**

In this section it was evaluated for **ten waste streams**, whether

- a) information on the **management situation** is included or not, and
- b) if distance to target information on **targets and requirements** based on the WFD and the connected waste legislation and information on planned measures to achieve such targets and requirements is included for specific waste streams or not.

These **ten waste streams** are:

Municipal waste, packaging waste, biodegradable waste, hazardous waste, batteries and accumulators, Waste electrical and electronic equipment (WEEE), waste oils, End-of-life-vehicles (ELVs), construction and demolition waste (C&D waste), and industrial waste.

To get an overview of the management situation of **municipal waste**, the following criteria were evaluated:

Definition, type, source of municipal waste generated / total waste amounts generated / existing waste collection schemes / major disposal and recovery facilities / composition of municipal waste amounts generated / amounts generated in the past / information on treatment options following the waste hierarchy / historical contaminated waste disposal sites / measures for rehabilitation / organisational aspects related to complete municipal waste management.

To get an overview of the **management situation of all other waste streams** (nine waste streams), the following criteria were evaluated:

Type and source of waste generated / waste amounts / amounts of waste generated in the past / existing waste collection schemes / information on treatment options following the waste hierarchy.

The table below gives an overview of **targets and requirements** based on the WFD and the connected waste legislation that have been evaluated for different waste streams, i.e. it was evaluated, if distance to target information and information on planned measures to achieve such targets and requirements is included or not.

Table 1: Overview of targets and requirements based on the WFD and the connected waste legislation

Target / requirement	Description
Separate collection (Art. 11 (1) WFD)	Separate collection for at least paper, metal, plastic and glass by 2015 (status quo, achievements, prognosis)
Preparing for re-use and recycling of municipal waste (Art. 11 (2) (a) WFD)	Preparing for re-use and the recycling of waste materials such as 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) shall be increased to a minimum of 50 % by weight by 2020.
Pre-treatment of municipal waste before landfilling (Art. 6 Landfill Directive)	Pre-treatment before landfilling (percentages/total amounts pre-treated in comparison to overall amount)
Packaging waste (Art. 6 Packaging Directive)	By 31.12.2008: Recovery: 60 % as a minimum by weight of packaging waste Recycling: as a minimum 55 % by weight of packaging waste, 60 % by weight for glass, 60 % by weight for paper and cardboard; 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
Construction and demolition waste (Art. 11 (2) (b) WFD)	Preparing for re-use, recycling and other material recovery of non-hazardous construction and demolition waste (excluding soil) shall be increased to a minimum of 70% by weight by 2020
Biodegradable waste (Art. 5 Landfill Directive)	Biodegradable waste from households diverted from landfills, 2009: reduction to 50% of the 1995 level, 2016: 35% (derogations for certain countries); information on landfill ban for biodegradable waste
WEEE (Art. 5 and 6 WEEE Directive)	Separate collection of WEEE, possibility to return WEEE free of charge (to municipal organised systems or distributor); for re-use, recycling and recovery by 2006 depending on WEEE category, minimum collection rate of 4 kg/inhabitant*year by 31.12.2015; minimum collection rate of 45 % from 2016
Batteries and accumulators (Art.7 Batteries Directive)	Separate collection of batteries; collection rate 2012: 25 %, 2016: 45 %

Target / requirement	Description
Waste oils (Art. 21 (1) WFD)	Separate collection of waste oils
Hazardous waste (Art. 18 WFD)	Ban on mixing of hazardous waste
ELVs (Art. 7 ELV Directive)	Min. re-use and recovery 2006: 85 %, 2015: 95 %; min. re-use and recycling 2006: 70 %, 2015: 85 %

- **Chapter 4: Policy instruments**

In this section it was evaluated, whether information on different policy instruments that are in place and planned is included or not. The instruments are categorised in economic, regulatory, administrative and informative instruments. It was also assessed if information on the usefulness/suitability of every instrument is included. In addition, the criteria overview of policy instruments, action plan/schedule, costs and funding were evaluated.

- **Chapter 5: Data quality, forecast and monitoring process**

In this section it was analysed whether the WMP includes information on the quality and reliability of waste data (current situation and forecast) and if monitoring processes are addressed.

- **Chapter 6: Circular Economy**

Chapter 6 has been developed for information purpose only and is not included in the overall assessment. The objective was to get an idea, if the concept of “Circular Economy” is reflected in WMPs or not.

- **Chapter 7: Open questions to Competent Authority**

To ensure an appropriate analysis of the WMPs, a draft version of the evaluation report including a short project description has been sent to each Competent Authority (CA) responsible for drafting the WMP to give the CA the possibility to comment on the presentation of information as well as the findings of the report and to answer open questions. In case the CA did not comment on the assessment, the assessment was considered accepted. Comments of CAs have been considered to prepare the final versions of the evaluation reports; information provided by CA was cited as “additional information provided by CA” in each report. In addition, the final versions of the evaluation reports have been sent to the CAs to inform them about the final results and to support them in further improving the waste management planning in their territory by providing specific recommendations (Part C).

The **evaluation results** of all assessment criteria of **Part D** have been **summarised** in the following **five assessment categories** in **Part B**.

- **Overview of the WMP and administrative structure in the MS**

Section 1	YES: ✓	NO: ✗
All general information on WMP are included	✓	✗
All waste management issues are covered in the MS	✓	✗
The assessment of one national, regional, or local WMP is sufficient to give an overview of the waste management situation in the MS (note: not included in overall assessment; for information purpose only).	✓	✗

- **Mandatory requirements of Article 28 WFD (“compliance check”)**

Section 2	YES: ✓	NO: ✗
The WMP covers <u>all</u> mandatory requirements of Article 28 of the WFD.	✓	✗
Result: The WMP is compliant / not compliant with the WFD.		

- **Optional elements of Article 28 WFD and other targets/requirements of EU waste legislation**

Section 3 - information on waste streams (section 3.1 – 3.10)			
	Information is included	Information is NOT included	Information is included but not sufficient
Municipal waste	✓	✗	✗
Packaging waste	✓	✗	✗
Biodegradable waste	✓	✗	✗
Hazardous waste	✓	✗	✗
Batteries /accumulators	✓	✗	✗
WEEE	✓	✗	✗
Waste oils	✓	✗	✗
ELVs	✓	✗	✗
C&D waste	✓	✗	✗
Industrial waste (not to be rated)	✓	✗	✗

- Policy instruments

Section 4	
	Please tick
The WMP provides a <u>clear picture</u> of main policy instruments that are in place and how planned instruments/measures shall be implemented.	✓
The picture of main policy instruments that are in place and how planned instruments/measures shall be implemented remains <u>rather unclear</u> .	✗

- Data quality, forecast and monitoring process

Section 5	YES: ✓	NO: ✗
Data quality (current situation) is considered robust.	✓	✗
Data from WMP (current situation) and EUROSTAT are comparable.	✓	✗
Data quality (forecast) is considered robust.	✓	✗
Information on monitoring processes is included.	✓	✗

Part B also includes the result of the **overall assessment**. The overall assessment combines all assessment steps into one rating. The figure below illustrates the structure of the overall assessment:

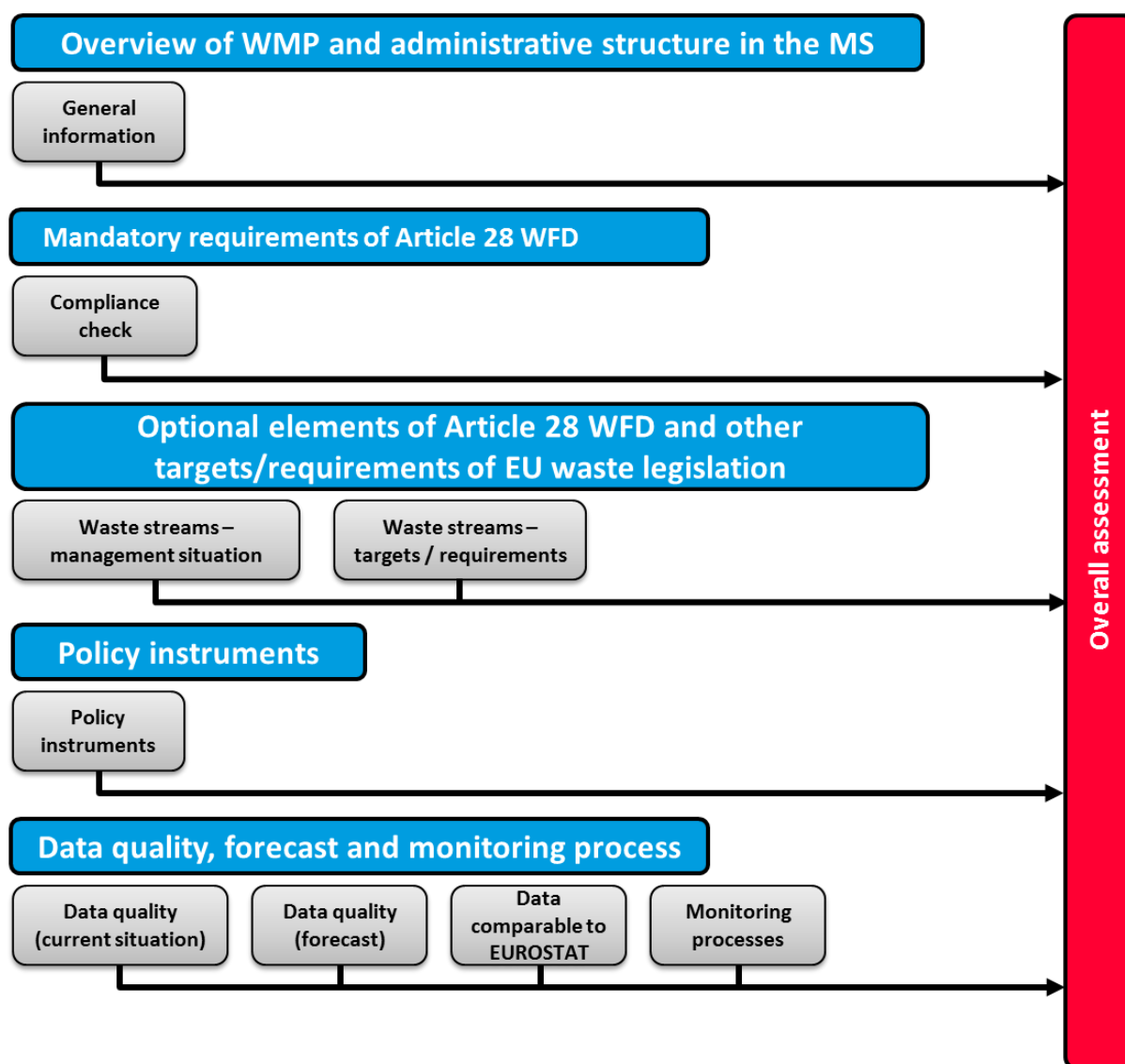


Figure 1: Structure of overall assessment

For the **overall rating** of the WMP, the five assessment steps as shown above have been combined, resulting in **three overall assessment categories**:

- **Not compliant** (WMP does not cover all mandatory requirements of Article 28 WFD)
- **Compliant** (WMP covers all mandatory requirements of Article 28 WFD)
- **Surpassing** (WMP covers all mandatory requirements of Article 28 WFD + passes all other assessment steps under sections 1,3,4,5)

The figure below illustrates the **overall rating scheme** based on the **three overall assessment categories**. More detailed information on the criteria assessed within the different assessment steps is provided in chapter 4 of this report.

NOT COMPLIANT:

WMP does NOT cover all mandatory requirements of Article 28 of the WFD that have to be addressed in the plan

COMPLIANT:

WMP covers all mandatory requirements of Article 28 of the WFD that have to be addressed in plan

SURPASSING:

WMP passes ALL assessment steps, i.e.

WMP covers all mandatory requirements of Article 28 of the WFD that have to be addressed in plan

+ all general information included

+ information on all waste streams complete

+ clear picture of main policy instruments

+ data quality, forecast and monitoring process robust/fully included

Figure 2: Structure of overall rating categories

3 WMPs selected for assessment

In total, 68 WMPs from eleven different EU Member States have been selected by the EC for assessment within the project. The total number of **68 assessments** can be divided as follows:

- 27 full assessments³
- 39 short assessments⁴
- two special assessments

The table below provides an overview of the **27 full assessments** carried out by Member State and level of the plan (national, regional, and local).

Table 2: Overview of full WMP assessments per Member State and administrative level

Member State		Full WMP assessments	Level		
			National	Regional	Local
DE	Germany	3	-	3	-
ES	Spain	7	1	6	-
FR	France	1	-	1	-
GR	Greece	5	-	5	-
HR	Croatia	1	1	-	-
IT	Italy	6	-	6	-
PL	Poland	1	1	-	-
RO	Romania	1	1	-	-
SI	Slovenia	1	1	-	-
SK	Slovakia	1	1	-	-
Total		27	6	21	-

³ Please note that this report focuses on describing results of full WMP assessments only. For short and special WMP assessments, only selected assessment criteria have been applied; therefore, a comparison similar to 27 full assessment reports is not possible.

⁴ Please note: in total, 18 assessments of regional WMPs from Greece have been carried out. For five regional short assessments (Attica, Ionian Islands, North Aegean, South Aegean, Peloponnese) also full assessments have been carried out at later stage.

Table 3 below gives an overview of **41 short and special WMP assessments**.

Table 3: Overview of short and special assessments per Member State and administrative level

Member State		Short and special WMP assessments	Level			Remark
			National	Regional	Local	
CZ	Czech Republic	14	-	14	-	
FR	France	1	-	1	-	
GR	Greece	9	1*	8**	-	*national WMP on hazardous waste ** short assessment if eight regional WMPs without full assessment (five regional WMPs: short assessment + full assessment)
IT	Italy	1	-	1*	-	*special waste plan
PL	Poland	16	-	16	-	
Total		41	1	40	-	

Table 4 below includes a more detailed overview of all WMPs under assessment, stating the name of the WMP, information on waste types covered, weblink, and the type of assessment (full assessment, short assessment, special assessment).

Table 4: Detailed overview of all WMPs under assessment

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
DE	Regional / Hamburg	National language Abfallwirtschaftsplan Siedlungsabfälle 2017 English Municipal Waste Management Plan 2017	Municipal waste from private households, commercial waste including public facilities, infrastructure waste, ashes/sludges	http://www.hamburg.de/contentblob/8069992/d5304cfd9435bdf6caddff6024af0b8b/d/ata/d-awp-siedlungsabfaelle-2017).pdf	X		
DE	Regional / North Rhine- Westphalia	National language Abfallwirtschaftsplan Nordrhein-Westfalen – Teilplan Siedlungsabfälle English Waste Management Plan North Rhine-Westphalia – Municipal waste	Non-hazardous municipal wastes ("all waste that is left to public bodies responsible for waste management" (örE)) as well as glass and lightweight packaging	https://www.umwelt.nrw.de/fileadmin/redaktion/Broschueren/abfallwirtschaftsplan_nrw_broschuere.pdf	X		
DE	Regional / Saxony	National language Abfallwirtschaftsplan für den Freistaat Sachsen - Fortschreibung 2016 English Waste Management Plan for the State of Saxony - Review 2016	Household waste, commercial waste, hazardous waste, waste from treatment plants, mineral waste, waste from municipal wastewater treatment, packaging from transportation, repackaging and sales	https://publikationen.sachsen.de/bdb/artikel/27207	X		
CZ	Regional / Capital City of Prague	National language Krajský plán odpadového hospodářství hlavního města Prahy 2016 – 2025 English The Regional Waste Management Plan of the Capital City of Prague 2016 – 2025	All waste streams	http://www.mzp.cz/cz/plany_odpadoveho_hospodarstvi_kraju		X	

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
CZ	Regional / Central Bohemia	National language Plán odpadového hospodářství Středočeského kraje pro období 2016 až 2025 English Waste Management Plan of the Central Bohemian Region for the period 2016 to 2025	All waste streams	http://www.mzp.cz/cz/plan_odpadoveho_hospodarstvi_stradoceksy_kraj		X	
CZ	Regional / Hradec Králové	National language Plán odpadového hospodářství královéhradeckého kraje 2016- 2025 English Waste Management Plan of the Hradec Králové Region 2016- 2025	All waste streams	https://www.mzp.cz/cz/plany_odpadoveho_hospodarstvi_kraju		X	
CZ	Regional / Karlovy Vary	National language Plán odpadového hospodářství Karlovarského kraje 2016-2025 English Waste Management Plan of the Karlovy Vary Region 2016-2025	All waste streams	https://www.mzp.cz/cz/plan_odpadoveho_hospodarstvi_karlovarsky_kraj		X	
CZ	Regional / Liberec	National language Plán odpadového hospodářství Libereckého kraje 2016-2025 English Waste Management Plan of the Liberec Region 2016-2025	All waste streams	https://www.mzp.cz/cz/plany_odpadoveho_hospodarstvi_kraju		X	
CZ	Regional / Moravian- Silesian	National language Plán odpadového hospodářství Moravskoslezského kraje pro	All waste streams	http://www.mzp.cz/cz/plany_odpadoveho_hospodarstvi_kraju		X	

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
		období 2016-2025 English Waste Management Plan of the Moravian-Silesian Region 2016- 2025					
CZ	Regional / Olomouc	National language Plán odpadového hospodářství Olomouckého kraje pro období 2016-2025 English Waste Management Plan of the Olomouc Region 2016-2025	All waste streams	https://www.mzp.cz/cz/plan_odpadoveho_hospodarstvi_olomoucky_kraj		X	
CZ	Regional / Pardubice	National language Plán odpadového hospodářství Pardubického kraje 2016-2025 English Waste Management Plan of the Pardubice Region 2016-2025	All waste streams	https://www.mzp.cz/cz/plany_odpadoveho_hospodarstvi_kraju		X	
CZ	Regional / Pilsen	National language Plán odpadového hospodářství Pilzeňského kraje 2016-2025 English Waste Management Plan of the Pilsen Region 2016-2025	All waste streams	https://www.mzp.cz/cz/plany_odpadoveho_hospodarstvi_kraju		X	
CZ	Regional / South Bohemian	National language Plán odpadového hospodářství Jihočeského kraje na období 2016-2025 English Waste Management Plan for the South Bohemian Region for the period 2016-2025	All waste streams	https://www.mzp.cz/cz/plan_odpadoveho_hospodarstvi_jihocesky_kraj		X	

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
CZ	Regional / South Moravian	National language Plán odpadového hospodářství Jihomoravského kraje 2016-2025 English Waste Management plan of the South Moravian Region 2016- 2025	All waste streams	http://www.mzp.cz/cz/plany_odpadoveho_hospodarstvi_kraju		X	
CZ	Regional / Ústí	National language Plán odpadového hospodářství Ústeckého kraje 2016-2025 English Waste Management Plan of the Ústí Region 2016-2025	All waste streams	https://www.mzp.cz/cz/plany_odpadoveho_hospodarstvi_kraju		X	
CZ	Regional / Vysočina	National language Plán odpadového hospodářství kraje Vysočina pro období 2016 až 2025 English Waste Management Plan Vysočina Region for the period 2016-2025	All waste streams	https://www.mzp.cz/cz/plan_odpadoveho_hospodarstvi_vysocina		X	
CZ	Regional / Zlín	National language Plán odpadového hospodářství Zlínského kraje 2016 – 2025 English Waste Management Plan of the Zlín Region 2016 - 2025	All waste streams	https://www.mzp.cz/cz/plany_odpadoveho_hospodarstvi_kraju		X	
ES	National	National language Plan Estatal Marco de Gestión de Residuos (2016-2022) English	Municipal waste, packaging waste, WEEE, end-of-life vehicles (ELVs), end-of-life tyres, waste oils, batteries and accumulators,	http://www.mapama.gob.es/es/calidad-y-evaluacion-ambiental/planes-y-estrategias/pemaraprobado6noviembrecondae_tcm30-170428.pdf	X		

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
		Waste Management Framework State Plan (2016-2022)	construction and demolition waste (C&D), sewage sludge, PCB and PCT waste/devices, agricultural waste, waste from extractive industries, industrial waste, end- of-life ships, medical waste, contaminated soil				
ES	Regional / Andalucía	National language Revisión del Plan Director Territorial de Residuos No Peligrosos de Andalucía (2010- 2019) English Revision (“2016 partial assessment”) of the Regional plan of non-hazardous waste of Andalucía 2010 – 2019	Non-hazardous municipal and industrial wastes	http://www.juntadeandalucia.es/boja/2017/6/BOJA17-006-00132-86-01_00105518.pdf	X		
ES	Regional / Cantabria	National language Plan de residuos de la Comunidad Autónoma de Cantabria 2017-2023 English Waste Plan of the Autonomous Community of Cantabria 2017- 2023	All waste streams (municipal and industrial/special waste)	https://www.cantabria.es/web/direccion-general-medio-ambiente/detalle/-/journal_content/56_INSTANCE_DETALLE/16894/4699147	X		
ES	Regional / Castilla-La Mancha	National language Plan Integrado de Gestión de Residuos de Castilla-la Mancha English Integrated Waste Management Plan of Castilla-La Mancha	All waste streams	http://www.castillalamancha.es/sites/default/files/documentos/pdf/20170103/20161220pigr.pdf	X		

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
ES	Regional / Extremadura	National language Plan Integrado de Residuos de Extremadura (PIREX 2016-2022) English Extremadura Integrated Waste Management Plan (PIREX 2016- 2022)	All waste streams	http://extremambiente.gobex.es/files/2017/P_AMBTAL/RESIDUOS/PIREX/PIREX_2016_2022.pdf	X		
ES	Regional / La Rioja	National language Plan Director de Residuos de la Rioja 2016-2026 English Waste plan of Rioja 2016 -2026	All waste streams (municipal and industrial/special waste)	https://www.larioja.org/medio-ambiente/es/residuos/plan-director-residuos-rioja-2016-2026	X		
ES	Regional / Murcia	National language Plan de Residuos Region de Murcia 2016-2020 English Waste Management Plan of Murcia Region 2016-2020	All waste streams, divided into Municipal waste, commercial & industrial waste, construction and demolition waste	http://www.carm.es/web/pagina?IDCONTENIDO=53799&IDTIPO=100&RASTRO=c250\$m54341,1463	X		
FR	Regional / La Réunion	National language Projet de Plan de Prévention et de Gestion des Déchets Non Dangereux (PPGDND)- Département de La Réunion English Draft of the non-hazardous waste prevention and management plan – Department of La Réunion	(Non-hazardous) household waste, (non-hazardous) commercial waste	n/a		X	
FR	Regional / Guadeloupe	National language	The WMP covers all non- hazardous wastes: Household and similar waste (DMA), "Public" waste (green	http://www.guadeloupe.developpement-durable.gouv.fr/IMG/pdf/2017-04_ppgdnd.pdf	X		

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
		Plan de Prévention et de Gestion des Déchets Non Dangereux English Non-hazardous waste prevention and management plan	waste, market waste, street sweepings...), Waste from economic activities (DAE), Sanitary waste Not covered non-hazardous wastes from construction and public works				
GR	Regional / Attica	National language Περιφερειακό Σχέδιο Διαχείρισης Αποβλήτων (ΠΕΣΔΑ) Αττικής English Regional Waste Management Plan of Attica Region	MSW, sludges, industrial waste (including waste oils, industrial batteries, ELVs, waste tires, industrial WEEE), C&D waste, agricultural waste	http://www.edsna.gr/index.php/j-stuff/414-2016	X	X	
GR	Regional / Central Greece	National language Αναθεωρημένο Περιφερειακό Σχέδιο Διαχείρισης Αποβλήτων (ΠΕΣΔΑ) Περιφέρειας Στερεάς Ελλάδας English Revised Regional Waste Management Plan (RWMP) of the Region of Continental Greece	All streams (non-hazardous)	http://www.pste.gov.gr/?p=25774; http://www.ypeka.gr/Default.aspx?tabid=938&language=el-GR		X	
GR	Regional / Central Macedonia	National language Περιφερειακό Σχέδιο Διαχείρισης Στερεών Αποβλήτων Κεντρικής Μακεδονίας English	All streams (non-hazardous)	http://www.ypeka.gr/Default.aspx?tabid=938&language=el-GR&SkinSrc=%5BG%5DSkins%2F_default%2FNo+Skin&ContainerSrc=%5BG%5DContainers%2F_default%2FNo+Container&dnnprintmode=true		X	

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
		Regional Waste Management Plan for Central Macedonia					
GR	Regional / Crete	National language Ενσωμάτωση των Τοπικών Σχεδίων Απορριμμάτων των Δήμων της Περιφέρειας Κρήτης στον Περιφερειακό Σχεδιασμό Διαχείρισης Αποβλήτων (ΠΕΣΔΑΚ) English Incorporation of Local Waste Management Plans of the Municipalities in the Crete Region to the Regional Waste Management Plan of Crete (RWMPC)	All streams (non-hazardous)	http://www.ypeka.gr/Default.aspx?tabid=938&language=el-GR		X	
GR	Regional / Eastern Macedonia / Thrace	National language Περιφερειακός Σχεδιασμός Διαχείρισης Στερεών Αποβλήτων (ΠΕΣΔΑ) Περιφέρειας Ανατολικής Μακεδονίας και Θράκης English Regional Waste Management Plan of Eastern Macedonia and Thrace	All streams (non-hazardous)	http://www.diaamath.gr/node/183		X	
GR	Regional / Epirus	National language Αναθεώρηση του Περιφερειακού Σχεδίου Διαχείρισης Στερεών Αποβλήτων (ΠΕΣΔΑ) Περιφέρειας Ηπείρου English	All streams (non-hazardous)	http://www.php.gov.gr/enimerosi/delti-tyvou/2916-2013-12-02-12-10-34.html		X	

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
		Revision of Regional Solid Waste Management Plan (RSWMP) of the Region of Epirus					
GR	Regional / Ionian Islands	National language Αναθεώρηση Περιφερειακού Σχεδιασμού Διαχείρισης Αποβλήτων (Π.Ε.Σ.Δ.Α.) Ιονίων Νήσων English Revision of Regional Waste Management Plan of Ionian Islands	MSW, sludges, agricultural waste, WEEE, ELVs, waste tires, portable and industrial batteries, waste from public utility companies, C&DW, industrial waste, medical waste, animal by-products, waste oils	http://www.ypeka.gr/Default.aspx?tabid=938&language=el-GR	X	X	
GR	National	National language Εθνικό Σχέδιο Διαχείρισης Επικίνδυνων Αποβλήτων English National Hazardous Waste Management Plan	Hazardous waste (industrial, medical, from public utility companies, waste oils, ELVs, batteries/accumulators, WEEE, C&D, packaging waste, PCB/PCT)	http://www.ypeka.gr/LinkClick.aspx?fileticket=YUpWeb4UHvw%3d&tabid=238&language=el-GR			X
GR	Regional / North Aegean	National language ΥΛΟΠΟΙΗΣΗ-ΕΠΙΚΑΙΡΟΠΟΙΗΣΗ-ΤΡΟΠΟΠΟΙΗΣΗ ΤΟΥ ΠΕΡΙΦΕΡΕΙΑΚΟΥ ΣΧΕΔΙΟΥ ΔΙΑΧΕΙΡΙΣΗΣ ΑΠΟΒΛΗΤΩΝ (ΠΕΣΔΑ) ΤΗΣ ΠΕΡΙΦΕΡΕΙΑΣ ΒΟΡΕΙΟΥ ΑΙΓΑΙΟΥ English Implementation-update-modification of the Regional Waste Management Plan of the North Aegean region	MSW, waste from public utility companies, waste oils, batteries, WEEE, ELVs, waste tires, C&DW, sludges, agricultural waste, medical waste, industrial waste	http://www.ypeka.gr/Default.aspx?tabid=938&language=el-GR	X	X	
GR	Regional / Peloponnese	National language	MSW, WEEE, waste batteries, small quantities of hazardous	n/a	X	X	

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
		Αναθεώρηση Περιφερειακό Σχέδιο Διαχείρισης Αποβλήτων Περιφέρειας Πελοποννήσου English Regional Waste Management Plan for the Region of Peloponnese	waste in MSW, sludges, industrial waste, waste from public utility companies, waste oils, ELVs, waste tires, medical waste, animal by- products, mercury-containing waste, C&DW, asbestos-containing waste, agricultural waste				
GR	Regional / South Aegean	National language Επικαιροποιημένο περιφερειακό σχέδιο διαχείρισης αποβλήτων (ΠΕΣΔΑ) της περιφέρειας Νότιου Αιγαίου English Updated Regional Waste Management Plan of the South Aegean Region	MSW, sludges, industrial waste (including waste from public utility companies, waste oils, industrial batteries, ELVs, waste tires, industrial WEEE, medical waste), C&DW, agricultural waste and animal by-products	http://pepna.gr/news/egkrisi-epikairopoiimenoy-pesda-perifereias-notioy-aigaioy	X	X	
GR	Regional / Thessaly	National language Περιφερειακό Σχέδιο Διαχείρισης Αποβλήτων (ΠΕΣΔΑ) Περιφέρειας Θεσσαλίας English Regional Waste Management Plan (RWMP) for the Region of Thessaly	All streams (non-hazardous)	http://www.ypeka.gr/Default.aspx?tabid=938&language=el-GR		X	
GR	Regional / West Greece	National language Τροποποίηση Περιφερειακού Σχεδίου Διαχείρισης Αποβλήτων (ΠΕΣΔΑ) Περιφέρειας Δυτικής Ελλάδας English	All streams (non-hazardous)	http://www.pde.gov.gr/gr/enimerosi/periferiaks-sxediasmos-diaxeirisis-apobliton-perifereias-dytikis-elladas.html		X	

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
		Modification of Regional Waste Management Plan of West Greece Region					
GR	Regional / West Macedonia	National language Περιφερειακό Σχέδιο Διαχείρισης Αποβλήτων (ΠΕΣΔΑ) Δυτικής Μακεδονίας English Regional Waste Management Plan of West Macedonia	All streams (non-hazardous)	http://www.diadyma.gr/Website/pesda/index.html		X	
HR	National	National language Plan gospodarenja otpadom Republike Hrvatske za razdoblje 2017.-2022. Godine English Waste Management Plan of the Republic of Croatia for the period 2017 – 2022	Municipal waste, hazardous waste, industrial waste (waste from industrial and commercial activities), special waste categories (bio-waste, textile waste, packaging waste, waste tyres, waste oils, waste batteries/accumulators, ELVs, medical waste, asbestos containing waste, WEEE, ship waste, marine litter, C&D waste)	http://www.mzoip.hr/doc/plan_gospodarenja_otpadom_republike_hrvatske_za_razdoblje_2017-2022_godine.pdf	X		
IT	Regional / Basilicata	National language Piano regionale di gestione dei rifiuti (PRGR) English Regional Waste Management Plan (RWMP)	All waste streams (municipal and industrial/special waste)	http://www.regione.basilicata.it/giunta/site/giunta/departament.jsp?dep=100050&area=110078&otype=1056&id=3007896	X		
IT	Regional / Calabria	National language Piano Regionale Gestione Rifiuti English Regional Waste Management Plan	All waste streams (municipal and industrial/special waste)	http://www.regione.calabria.it/ambiente/index.php?option=com_content&task=view&id=1429&Itemid=1	X		

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
IT	Regional / Campania	National language Aggiornamento del Piano Regionale per la Gestione dei Rifiuti Urbani della Regione Campania English Update of the Regional Plan for the Management of Solid Waste in the Campania Region	Municipal waste	http://www.regione.campania.it/assets/documents/01-aggiornamento-prgru-atti-del-consiglio-regionale.pdf	X		
IT	Regional / Molise	National language Piano Regionale per la Gestione dei Rifiuti della Regione Molise English Regional Plan for Waste Management of Molise Region	All waste streams (municipal and industrial/special waste)	http://www3.regione.molise.it/flex/cm/page/ServeAttachment.php/L/IT/D/b%252Fd%252Fa%252FD.4a86302b129fc203b1e3/P/BLOB%3AID%3D12910/E/pdf	X		
IT	Regional / Sardinia	National language Piano Regionale di Gestione dei Rifiuti – Rifiuti Urbani English Regional Waste Management Plan – Municipal Waste	Municipal waste, which sub-categories including biodegradable waste, packaging waste, batteries, hazardous waste, waste oils, WEEE, and to limited extent C&D waste, waste oils and industrial waste	http://www.sardegnaambiente.it/documenti/18_183_20170102112900.pdf	X		
IT	Regional / Sicily	National language Adeguamento del Piano Regionale per la Gestione dei rifiuti del 2012 English Amendment of the municipal solid Waste Management Plan of 2012	All waste streams that are not special wastes	http://pti.regione.sicilia.it/portal/page/portal/PIR_PORTALE/PIR_LaStrutturaRegionale/PIR_AssEnergia/PIR_Dipartimentodellacquaedeirifiuti/PIR_PianoGestioneIntegratadeiRifiuti	X		
IT	Regional / Sicily	National language	Special waste	http://pti.regione.sicilia.it/portal/pls/portal/docs/146913570.PDF			X

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
		Aggiornamento del piano regionale per la gestione dei rifiuti speciali in Sicilia English Update of the regional plan for the management of special waste in Sicily					
PL	National	National language Krajowy plan gospodarki odpadami 2022 English National Waste Management Plan 2022	1. Municipal waste (including biodegradable) 2. Waste generated from products (i.e. waste oils, end-of-life tyres, waste batteries and accumulators, waste electrical and electronic equipment (WEEE), packages and waste packaging, end-of-life vehicles (ELV) 3. Hazardous waste (i.e. waste from human or animal health care, waste containing PCBs, waste containing asbestos, non-degradable waste repositories) 4. Other waste (i.e. construction and demolition waste, municipal sewage sludge, non-hazardous biodegradable waste other than municipal origin, problematic industrial waste)	https://bip.mos.gov.pl/strategie-plan-programy/krajowy-plan-gospodarki-odpadami/krajowy-plan-gospodarki-odpadami-2022/krajowy-plan-gospodarki-odpadami-2022-przyjety-przez-rade-ministrow-uchwala-nr-88-z-dnia-1-lipca-2016-r/	X		
PL	Regional /Dolnośląskie Voivodship	National language Plan gospodarki odpadami dla województwa dolnośląskiego 2016-2022 English	All waste streams	http://bip.umwd.dolnyslask.pl/dokument,idok,1645,idmp,22,r,r		X	

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
		Waste Management Plan of the Dolnośląskie Voivodship 2016-2022					
PL	Regional / Kujawsko- Pomorskie Voivodship	National language Plan gospodarki odpadami województwa kujawsko-pomorskiego na lata 2016-2022 z perspektywą na lata 2023-2028 English Waste Management Plan of the Kujawsko-Pomorskie Voivodship for the years 2016-2022 with a perspective for the years 2023-2028	All waste streams	http://bip.kujawsko-pomorskie.pl/plan-gospodarki-odpadami-wojewodztwa-kujawsko-pomorskiego-na-lata-2016-2022-z-perspektywa-na-lata-2023-2028/		X	
PL	Regional / Łódzkie Voivodship	National language Plan gospodarki odpadami dla województwa łódzkiego na lata 2016-2022 z uwzględnieniem lat 2023-2028 English Waste Management Plan for the Łódzkie Voivodship for the years 2016-2022 with a perspective to 2023-2028	All waste streams	Not available		X	
PL	Regional / Lubelskie Voivodship	National language Plan gospodarki odpadami dla województwa lubelskiego 2022 English Waste Management Plan of the Lubelskie Voivodship 2022	All waste streams	http://umwl.bip.lubelskie.pl/?id=489		X	

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
PL	Regional / Lubuskie Voivodship	National language Aktualizacja Wojewódzkiego Planu Gospodarki Odpadami wraz z Planem Inwestycyjnym w zakresie odpadów komunalnych English Revision of the Waste Management Plan of the Lubuskie Voivodship and the Investment Plan with regard to municipal waste	All waste streams	http://www.bip.lubuskie.pl/228/1532/Aktualizacja_Wojewodzkiego_Planu_Gospodarki_Odpadami_wraz_z_Planem_Inwestycyjnym_w_zakresie_odpadow_komunalnych/		X	
PL	Regional / Małopolskie Voivodship	National language Plan gospodarki odpadami województwa małopolskiego na lata 2016-2022 English Waste Management Plan of the Małopolskie Voivodship for the years 2016-2022	All waste streams	https://bip.malopolska.pl/umwm,a,1306924,uchwala-nr-xxxiv50917-sejmiku-wojewodztwa-malopolskiego-z-dnia-27-marca-2017-r-w-sprawie-zmiany-uchw.html		X	
PL	Regional / Mazowieckie Voivodship	National language Plan gospodarki odpadami dla województwa mazowieckiego 2016-2022 English Waste Management Plan of the Mazowieckie Voivodship 2016- 2022	All waste streams	http://www.mazovia.pl/downloadStat/gfx/mazovia/pl/mazoviauchwalysejmiku/59/3223/1/zalacznik_plan_gospodarki_odpadami.pdf		X	
PL	Regional / Opolskie Voivodship	National language Plan gospodarki odpadami dla województwa opolskiego na lata 2016-2022 z uwzględnieniem lat 2023-2028 English	All waste streams	http://www.infor.pl/akt-prawny/U74.2017.073.0001243,metryka,uchwala-nr-xxvii3072017-sejmiku-wojewodztwa-opolskiego-w-sprawie-wykonania-planu-gospodarki-odpadami-dla-wojewodztwa-opolskiego-na-lata-20162022-zuwzględnieniem-lat-20232028.html		X	

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
		Waste Management Plan of the Opolskie Voivodship for the years 2016-2022 with a perspective for the years 2023-2028					
PL	Regional / Podkarpackie Voivodship	National language Plan gospodarki odpadami dla województwa podkarpackiego 2022 English Waste Management Plan of the Podkarpackie Voivodship 2022	All waste streams	http://www.bip.podkarpackie.pl/attachments/article/3057/551_1.pdf		X	
PL	Regional / Podlaskie Voivodship	National language Plan gospodarki odpadami dla województwa podlaskiego 2016-2022 English Waste Management Plan of the Podlaskie Voivodship 2016-2022	All waste streams	https://www.wrotapodlasia.pl/resource/file/downloadfile/id.1255028/attachment.1		X	
PL	Regional / Pomorskie Voivodship	National language Plan gospodarki odpadami dla województwa pomorskiego 2016-2022 English Waste Management Plan of the Pomorskie Voivodship 2016-2022	All waste streams	bip.pomorskie.eu/e.pobierz,get.html?id=112103		X	
PL	Regional / Śląskie Voivodship	National language Plan gospodarki odpadami dla województwa śląskiego na lata 2016-2022 English Waste Management Plan of the	All waste streams	http://bip.slaskie.pl/dokumenty/2017/04/28/1493364411.pdf		X	

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
		Śląskie Voivodship for the years 2016-2022					
PL	Regional / Świętokrzyskie Voivodship	National language Plan gospodarki odpadami dla województwa świętokrzyskiego 2016-2022 English Waste Management Plan of the Świętokrzyskie Voivodship 2016-2022	All waste streams	https://bip.sejmik.kielce.pl/237-departament-rozwoju-obszarow-wiejskich-i-srodowiska/4460-plan-gospodarki-odpadami-dla-wojewodztwa-swietokrzyskiego-2016-2022/23124.html		X	
PL	Regional / Warmińsko-Mazurskie Voivodship	National language Plan gospodarki odpadami dla województwa warmińsko-mazurskiego 2016-2022 English Waste Management Plan of the Warmińsko-Mazurskie Voivodship 2016-2022	All waste streams	http://bip2.warmia.mazury.pl/114/plan-gospodarki-odpadami-dla-wojewodztwa-warmińsko-mazurskiego-na-lata-2016-2022.html		X	
PL	Regional / Wielkopolskie Voivodship	National language Plan gospodarki odpadami dla województwa Wielkopolskiego na lata 2016-2022 English Waste Management Plan for the Wielkopolskie Voivodship for the years 2016-2022	All waste streams	https://www.umww.pl/attachments/article/48219/WPGO_2022_tekst_05092016.pdf		X	
PL	Regional / Zachodniopomorskie Voivodship	National language Plan gospodarki odpadami dla województwa zachodniopomorskiego na lata 2016-2022 z uwzględnieniem perspektywy na lata 2023-2028	All waste streams	http://bip.rbip.wzp.pl/arttykul/plan-gospodarki-odpadami-dla-wojewodztwa-zachodniopomorskiego-na-lata-2012-2017-z		X	

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
		English Waste Management Plan of the Zachodniopomorskie Voivodship 2016-2022 with a perspective for 2023-2028					
RO	National	National language “Programul Operational Capacitate Administrativa 2014-2020” “Asistență Tehnică pentru realizarea Planului Național de Gestionare a Deșeurilor și a Planului Național de Prevenire a Generării Deșeurilor Technical” English Assistance for the implementation of the National Waste Management Plan and the National Plan for waste prevention	Municipal waste, hazardous waste, industrial waste Special waste categories: biodegradable waste, food waste, packaging waste, WEEE, waste batteries and accumulators, ELVs, used tires, used oils, C&D, sludge from wastewater treatment, waste containing PCB, asbestos waste, medical waste and waste from agriculture, forestry and fishing.	http://www.mmediu.ro/app/webroot/uploads/files/2017-04-27_PNGD_versiunea_1.pdf.pdf	X		
SI	National	National language Program ravnanja z odpadki in Program preprečevanja odpadkov Republike Slovenije v skladu z zahtevami Uredbe o odpadkih, Uredbe o ravnanju z embalažo in odpadno embalažo ter Uredbe o odlagališčih odpadkov English Programme for management of waste and Waste prevention programme of the Republic of Slovenia in accordance with the	Municipal waste, packaging waste, WEEE, waste batteries, graveyard candles, pharmaceutical waste, medical waste, municipal sludge, separately collected waste from commercial sector, non-hazardous mineral waste, food waste, mining waste, waste from titanium dioxide production, excavation waste, construction waste, bottom ash, slag and boiler dust, ELV, waste tyres, waste wood, waste from health and veterinary services, hazardous waste, waste	http://www.mop.gov.si/fileadmin/mop.gov.si/pageuploads/medijsko_sredisce/2016/06_Junij/30_Program_odpadki/16_06_30_Program_odpadki_ravnanje_preprecevanje_cistopis.pdf	X		

MS	National/ regional/ local WMP	Name of WMP	Waste types covered (at least to certain extent)	Available web link	Full assessment	Short assessment	Special assessment
		requirements of the Regulation on waste, Regulation on the management of packaging and packaging waste, and the Landfill Regulation	containing asbestos, waste oils, polychlorinated biphenyls				
SK	National	National language Program odpadového hospodárstva SR na roky 2016 – 2020 English Waste Management Programme of the Slovak Republic 2016- 2020	All wastes (as defined in the SK Waste Act)	http://www.minzp.sk/files/sekcia-enviromentalneho-hodnotenia-riadenia/odpady-a-obaly/registre-a-zoznamy/poh-sr-2016-2020_vestnik.pdf	X		

4 Full assessment results

In total 27 WMPs have been fully assessed under this project. Full assessment results for these WMPs are described in different subchapters as follows:

- Overall assessment results: chapter 4.1;
- Detailed assessment results: chapters 4.2 – 4.6, with emphasis on criteria of the “compliance check” and criteria on “optional requirements of Article 28 WFD and other targets / requirements of EU waste legislation”;
- Assessment results of the section “data quality, forecast and monitoring process” of the evaluation report are not presented but are reflected in the recommendations section in chapter 6 of this report.

4.1 Overview of overall assessment results

The table below provides an overview of the evaluation results for 27 WMPs under full assessment, based on the three assessment categories.

Table 5: Overview of assessment results for 27 WMPs under full assessment

Overall rating	Number of WMPs
Surpassing	1
Compliant	13
Not compliant	13

In total, **13 WMPs** have been rated as “**not compliant**”. These WMPs fail to properly address all mandatory elements as required by Articles 28 (1) to (3) and (5) of the WFD. This means that **at least one** out of 18 assessment criteria is not covered in the particular WMP and – at the same time – relevant information is not to be addressed at another administrative level or in another sectoral plan. More detailed information, which of the 18 assessment criteria of the compliance check are not addressed in the WMPs (and therefore led to the overall rating “not compliant”), are included in chapter 4.4 below.

Note: even if a WMP has been rated as “not compliant” this does not necessarily mean that the WMP is not well worked out, i.e. the WMP can be very well elaborated with regard to optional elements (e.g. information to particular waste streams or fulfilment of targets) at the same time.

13 WMPs have been rated as “**compliant**”, meaning that all mandatory elements as required by Articles 28 (1) to (3) and (5) of the WFD are reflected in the WMP respectively are to be covered by another administrative level or another sectoral plan (and therefore do not have to be included in the WMP under assessment). The WMPs that have been rated as “compliant” significantly vary in terms of the levels of detail provided. However, they have in common that **not all** assessment criteria that have been developed **beyond the compliance check** could be rated with “YES”.

One WMP under assessment has been rated as “**surpassing**”, meaning that the plan is compliant with all mandatory elements of the WFD and, in addition, include sufficient information under sections 1, 3, 4, 5 (optional elements, i.e. all general information included, information on all waste streams complete, information on policy instruments complete, data quality, forecast and monitoring process robust/fully included). Having passed all assessment steps, this WMP is regarded to be a best practice example, providing for a thorough analysis of the status quo and the planning period, being key in achieving sustainable waste management in line with EU waste legislation.

4.2 General information

The section on general information aimed to assess whether a WMP includes sufficient basic information such as information on the (planned) adoption and review process, the legal status of the WMP, and authorities involved in drafting and implementing the plan. The evaluation of all 27 WMP assessments led to the following results:

Does the WMP include following general information?		Number of WMPs rated with YES	Number of WMPs rated with NO
1.1	Application period and legal adoption	25	2
1.2	Review period	19	8
1.3	Competent authority for drafting WMP	27	-

Main findings:

Overall, the majority of the WMPs under assessment include sufficient general information.

However, information on **the application period** and **the status of legal adoption** often is not explicitly mentioned in the plan. Further the **review period** often is not explicitly mentioned but rather must be interpreted based on information as included in the WMP, under the assumption that Member States evaluate the WMP at least every sixth year in accordance with Article 30 (1) WFD.

All WMPs under assessment include information on the competent authority/ies for drafting and implementing the WMP, however with varying levels of detail. For example, some WMPs even specify authorities for implementing the plan in connection with measures/actions to be implemented in the planning period, whereas other WMPs only shortly mention the authorities involved.

4.3 Level coherence check

Based on information as included in the WMPs that have been complemented by “open questions to Competent Authorities” responsible for waste management planning, the following information on the administrative structure of waste management planning in the eleven Member States has been compiled:

Table 6: Overview of the administrative structure of waste management planning in 11 Member States

Member State		WMPs at different levels exist		In addition to the WMP under assessment, one or more sectoral plans exist in the MS	
		YES	NO	YES	NO
CZ	Czech Republic	x			x
DE	Germany		x	x	
ES	Spain	x			x
FR	France		x	x	
GR	Greece	x		x	
HR	Croatia	x			x
IT	Italy		x	x	
PL	Poland	x			x
RO	Romania		x*		x
SI	Slovenia		x		x
SK	Slovakia	x			x
* It is planned to develop WMPs on county level and for the city of Bucharest. Romania is organised in 32 counties (including Bucharest municipality).					

Five MS currently prepare WMPs only at **one administrative level**. Such WMPs are elaborated at national (RO, SI) or regional level (DE, FR, IT) only. For Romania, it is planned to develop WMPs also on county level.

In **six MS**, WMPs are elaborated at **different administrative levels**. For those MS it was assessed, to what extent waste management issues are covered at different administrative levels. The objective was to ensure that issues, which are regulated at another administrative level and therefore are not to be included in the WMP under assessment, are not rated in a negative way but as “non-applicable” (example: in case that a regional WMP has been assessed but information on waste shipments is to be included in the national WMP, the criterion has been rated with “non-applicable” (n.a.) in the evaluation report of the regional WMP, meaning that there is no obligation to include such information in the regional WMP).

Further, it was checked whether – in addition to the WMPs under assessment – **sectoral plans** addressing certain waste streams exist in some MS. Again, the objective was to ensure that lacking information on waste streams, which are covered by another plan and therefore are not to be included

in the WMP under assessment, is not rated in a negative way but as “non-applicable” (example: in case that a WMP has been assessed but information on hazardous wastes is included in another sectoral plan, relevant criteria have been rated with “non-applicable” (n.a.) for the WMP under assessment, meaning that there is no obligation to include information on hazardous wastes in this WMP). The assessment exercise showed that **seven MS** do not prepare sectoral plans but address all relevant waste streams in one WMP respectively in more than one WMP in the case that waste management planning is carried out at different administrative levels. In **four MS** additional sectoral plans are in place.

Main findings:

It can be concluded that for all WMPs under assessment the national administrative structure of waste management policy was understandable in general. However, the provided levels of detail in the WMPs vary significantly, ranging from a detailed description of the administrative structure (i.e. including well elaborated graphs) to very short information only. In most cases, information as included in the WMPs had to be complemented by additional information as provided by the CA to get a comprehensive picture of the (shared) responsibilities for waste management planning in the country.

4.4 Compliance check

The purpose of the compliance check was to evaluate, whether all information as required under the WFD, in particular requirements of Articles 28 (1) to (3) and (5) of the WFD (but not of Article 28 (4)), is included in the WMP. Note that quality aspects have not been considered at this stage; the focus was on the simple existence of information contained within the WMP. The figure below provides an overview of the assessment results per assessment criterion (in total: 18 criteria).

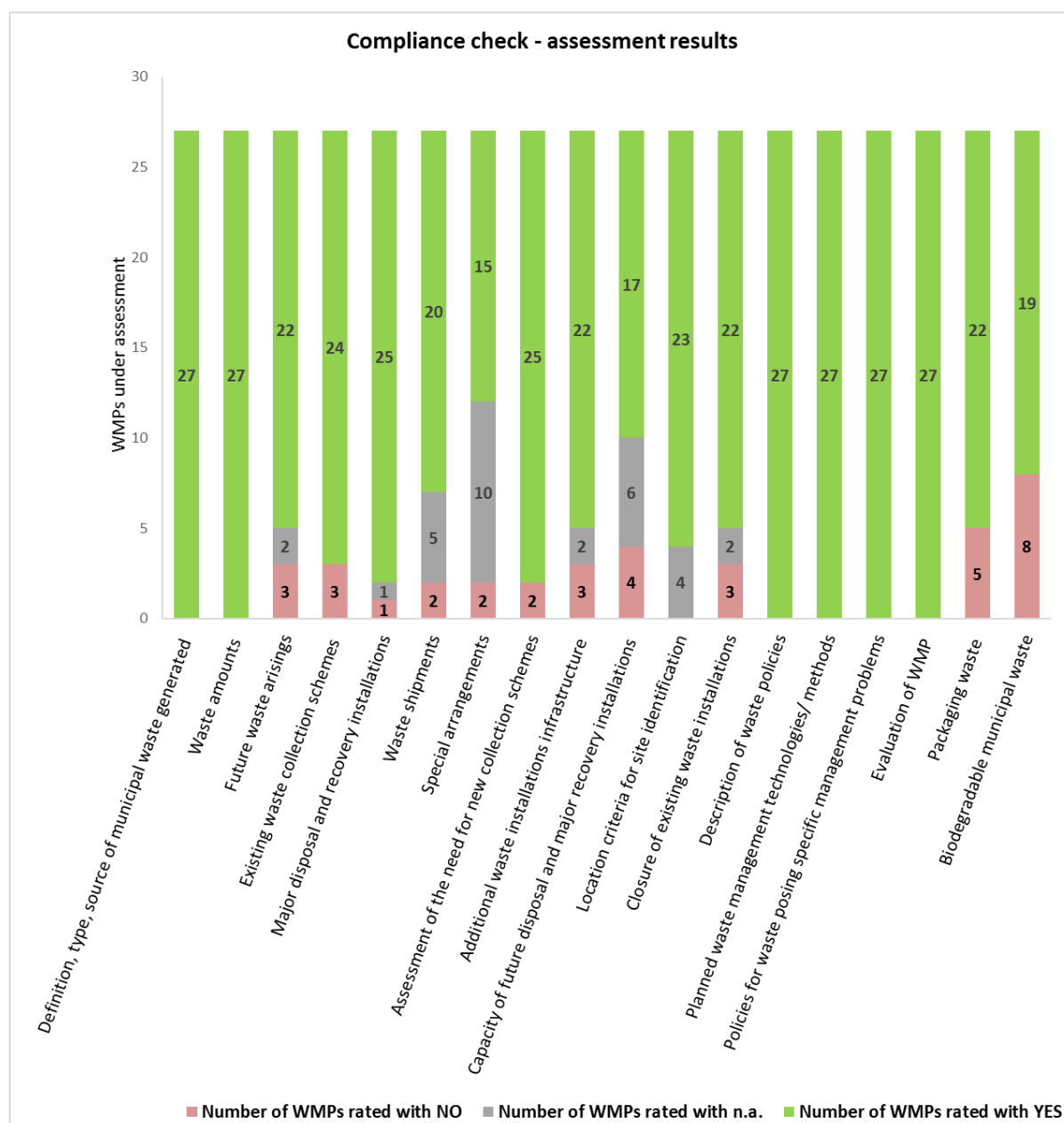


Figure 3: Overview of assessment results – compliance check

Taking into account only those assessment criteria, where WMPs have been rated with “NO”, it can be shown that the criterion “biodegradable municipal waste” is the least covered criterion within the compliance check, followed by the criterion on “separate chapter on packaging waste” (Figure 4).

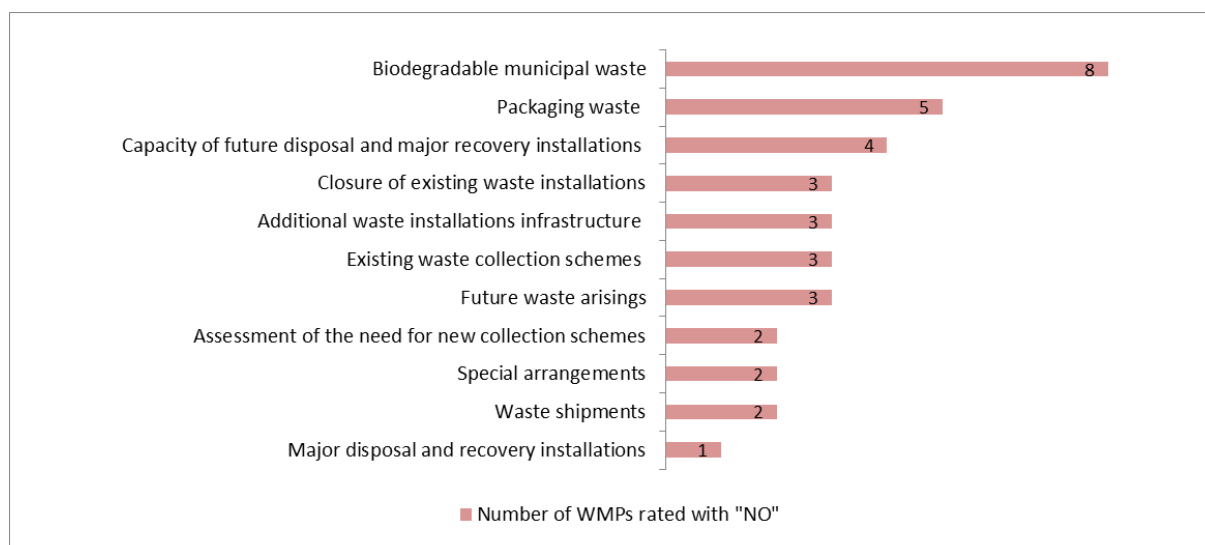


Figure 4: Overview of assessment criteria rated with “NO” within the compliance check

In the following, the evaluation results of the 18 assessment criteria of the compliance check as illustrated in Figure 3 above are shortly described.

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.1	Definition, type, source of municipal waste generated (Art. 28 (3) (a) WFD)	27	-	-

Main findings:

All 27 WMPs under assessment fulfil the minimum requirements of the assessment criterion and have been rated with “YES”. However, the provided levels of detail vary. Some WMPs only include a very basic description of which waste streams are included in the municipal waste stream and which are not. Others provide more precise information, such as a clear definition and the composition of the overall municipal waste stream (shares and percentages of specific waste streams on total amount of municipal waste generated) and specify waste streams in accordance with the European List of Wastes.

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.2	Waste amounts (Art. 28 (3) (a) WFD)	27	-	-

Main findings:

All 27 WMPs include sufficient information on waste amounts, in most cases providing information in tonnes (tonnes/year) and per capita (kg/capita/year). However, provided levels of detail vary. Some WMPs include detailed information on waste arisings over the last few years, whereas other WMPs only refer to a specific reference year (for more detailed information on specific waste streams see information on assessment criteria “waste amounts” and “trends of waste arisings over last years” as described in chapter 4.5 of this report).

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.3	Future waste arisings (Art. 28 (3) (a) WFD)	22	3	2

Main findings:

A forecast of expected waste arisings in future (referring to municipal waste stream in total or further specified for specific municipal waste streams) could be found in 22 WMPs. Three WMPs have been rated with “NO”, not including any information on future waste arisings. Two national WMPs have been rated with “n.a.”, in both cases the responsibility lies with another administrative level (forecast to be included in regional WMPs).

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.4	Existing waste collection schemes (Art. 28 (3) (b) WFD)	24	3	-

Main findings:

Sufficient information on existing waste collection schemes is included in 24 WMPs. Even if the WMPs have been rated with “YES” it has to be emphasised that in some cases only minimum requirements have been fulfilled, for example including a short description of responsibilities and a general distinction between door-to-door-collection and bring systems for the overall municipal waste stream only. On the contrary, well elaborated WMPs with regard to this criterion included detailed information on responsibilities, the coverage of the territory with the collection infrastructure (for specific waste streams), and the collection schemes (including specifications on collection bins/containers and volume, number of collection points and civic amenity sites, collection frequencies etc.).

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.5	Major disposal and recovery installations (Art. 28 (3) (b) WFD)	25	1	1

Main findings:

25 WMPs include sufficient information on major disposal and recovery installations and have been rated with “YES”. However, often only the number and the type of major installations are indicated, lacking more detailed information on the (overall) treatment capacities of such installations. Only one WMP is rated with “NO”. Although this plan includes general information on major disposal and recovery installations, a clear number of installations and capacities is not described, therefore the criterion has been rated with “NO”. One national WMPs has been rated with “n.a.”, the responsibility

for waste treatment installations lies with another administrative level (to be included in regional WMPs).

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.6	Waste shipments (Art. 28 (3) (a) WFD)	20	2	5

Main findings:

In total, 20 WMPs have been rated with “YES”, including at least information on waste amounts being shipped from/to the territory and, in some cases, providing additional information on the country of destination and forecasts of waste shipments. Two WMPs have been rated with “NO”, not addressing relevant information as required by Art. 28 (3) (a) WFD at all. Due to the administrative structure, five WMPs have been rated with “n.a.” (responsibility to provide information on waste shipments lies with the national level).

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.7	Special arrangements (Art. 28 (3) (b) WFD)	15	2	10

Main findings:

Relevant information on special arrangements (at least for hazardous waste and waste oils) could be found in 15 WMPs under assessment. Two WMPs do not address the criterion and have been rated with “NO”. Ten WMPs have been rated with “n.a.”, referring to the source(s) where specific provisions for the management of hazardous waste and waste oils are laid down (i.e. legal act or sectoral plan) respectively the responsibility lies with another administrative level.

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.8	Assessment of the need for new collection schemes (Art. 28 (3) (c) WFD)	25	2	-

Main findings:

An assessment of the need for new collection schemes is included in 25 WMPs. Information on planned collection systems cover responsibilities, waste streams, and the description of the system, however levels of detail as provided in the WMPs vary significantly. Two WMPs under assessment do not include relevant information and have been rated with “NO”.

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.9	Additional waste installations infrastructure (Art. 28 (3) (c) WFD)	22	3	2

Main findings:

Relevant information on additional waste installations infrastructure could be found in 18 WMPs. Often type and/or number of planned installations are indicated, however more detailed information on the schedule is not included. Three WMPs under assessment have been rated with “NO”, not including any relevant information. Due to the administrative structure in the MS, two WMPs have been rated with “n.a.” (responsibility to provide relevant information lies with another administrative level).

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.10	Capacity of future disposal and major recovery installations (Art. 28 (3) (d) WFD)	17	4	6

Main findings:

The assessment revealed that 17 WMPs include sufficient information on capacities for additional waste installations infrastructure. Four WMPs do not include relevant information and have been rated with “NO”. Six WMPs have been rated with “n.a.”, for reasons of administrative structure or because it is clearly mentioned that there is no need for additional disposal and recovery installations for municipal waste.

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.11	Location criteria for site identification (Art. 28 (3) (d) WFD)	23	-	4

Main findings:

23 WMPs include information on location criteria for site identification and have been rated with “YES”. Four WMPs have been rated with “n.a.”, referring to another administrative level or because it is clearly mentioned that new sites / locations are not needed.

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.12	Closure of existing waste installations (Art. 28 (3) (c) WFD)	22	3	2

Main findings:

22 WMPs under assessment include information on the type and number of installations to be closed, however in some cases not providing precise information on the schedule. Three WMPs under assessment do not include relevant information and have been rated with “NO”. Two WMPs have been rated with “n.a.”, for reasons of administrative structure (regional level responsible).

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.13	Description of waste policies (Art. 28 (3) (e) WFD)	27	-	-

Main findings:

All 27 WMPs under assessment include sufficient information on general waste policies, describing targets, key objectives, and key features of the waste management system and have therefore been rated with “YES”.

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.14	Planned waste management technologies/ methods (Art. 28 (3) (e) WFD)	27	-	-

Main findings:

All 27 WMPs under assessment have been rated with “YES”, including sufficient information on planned waste management technologies and methods (i.e. cascade use, MBT etc.).

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.15	Policies for waste posing specific management problems (Art. 28 (3) (e) WFD)	27	-	-

Main findings:

All 27 WMPs under assessment include sufficient information on waste streams with specific management problems (priority waste streams) and describe relevant policies.

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.16	Evaluation of WMP (Art. 28 (2) WFD)	27	-	-

Main findings:

Information on how the WMP will support the implementation of objectives and provisions of the WFD and related assessment methods (i.e. evaluation of the previous and/or current WMP) is included in all 27 WMPs, however level of detail varies significantly.

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.17	Packaging waste (Art. 28 (5) WFD)	22	5	-

Main findings:

22 WMPs include a separate chapter on packaging waste, including a description of the management situation. Five WMPs do not include a separate chapter on packaging waste as required by Art. 28 (5) WFD and have been rated with “NO”. This does not mean that those WMPs do not include information on packaging waste; however, information can be spread in various chapters in such plans.

Does the WMP include information on required elements under WFD?		Number of WMPs rated with YES	Number of WMPs rated with NO	Number of WMPs rated with n.a.
2.18	Biodegradable municipal waste (Art. 28 (5) WFD)	19	8	-

Main findings:

Information on strategies for the reduction of biodegradable waste going to landfills as specified in Art. 28 (5) WFD could be found in 19 WMPs (i.e. biodegradable waste from households diverted from landfills, development, policy measures to divert biodegradable waste from landfills). Eight WMPs do not include such information and have been rated with “NO”.

4.5 Optional requirements of Article 28 WFD and targets/requirements of EU waste legislation

In this section it was evaluated, whether the WMPs include data and information on the management of specific waste streams, going beyond the mandatory elements of Articles 28 (1) to (3) and (5) of the WFD.

The figure below provides an overview of the assessment results per assessed waste stream for all 27 WMPs under full assessment, including also criteria on targets/requirements (note: results under “industrial waste” have not been rated).

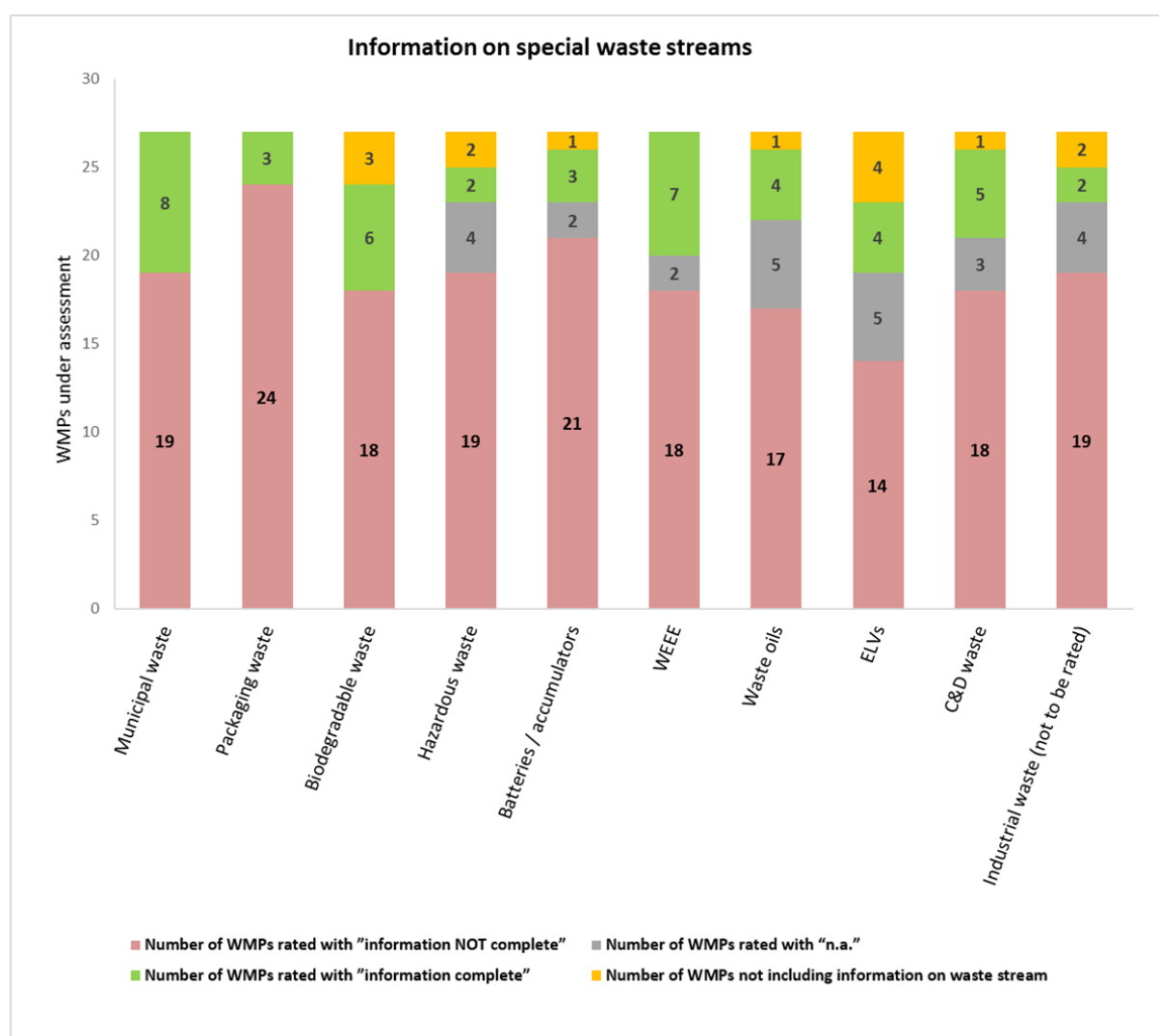


Figure 5: Overview of assessment results - all waste streams

Taking into account only those waste streams, where WMPs have been rated with “information NOT complete”, it can be shown that “packaging waste” is the waste stream where most of the WMPs do not include sufficient information. The waste stream “ELVs” is the waste stream that is not addressed at all most often (four WMPs). Municipal waste is the waste stream that most often has been rated with “information complete”, meaning all (optional) required information is fully included.

In the following, the evaluation results for all ten waste streams under assessment are illustrated and shortly described (note: information on industrial waste evaluated for information purpose only, not considered for the overall rating).

Does the WMP include <u>complete</u> information on waste streams?		Number of WMPs rated with “information complete”	Number of WMPs rated with “information NOT complete”	Number of WMPs not including information on waste stream	Number of WMPs rated with “n.a.”
3.3.1 - 3.3.9	Municipal waste	8	19	-	-

Information on municipal waste has been evaluated alongside nine assessment criteria. As shown above, eight WMPs under assessment include sufficient information on municipal waste and have been rated with “information complete” (all nine assessment criteria rated with “YES”). 14 WMPs under assessment have been rated with “information NOT complete” (at least one out of nine assessment criteria rated with “NO”). The figure below provides a more detailed overview of the assessment results per assessment criterion. For municipal waste it can be concluded that information on “measures for rehabilitation”, distance to target information on “preparing for re-use and recycling of municipal waste”, and distance to target information on “pre-treatment of municipal waste before landfilling” often is not included.

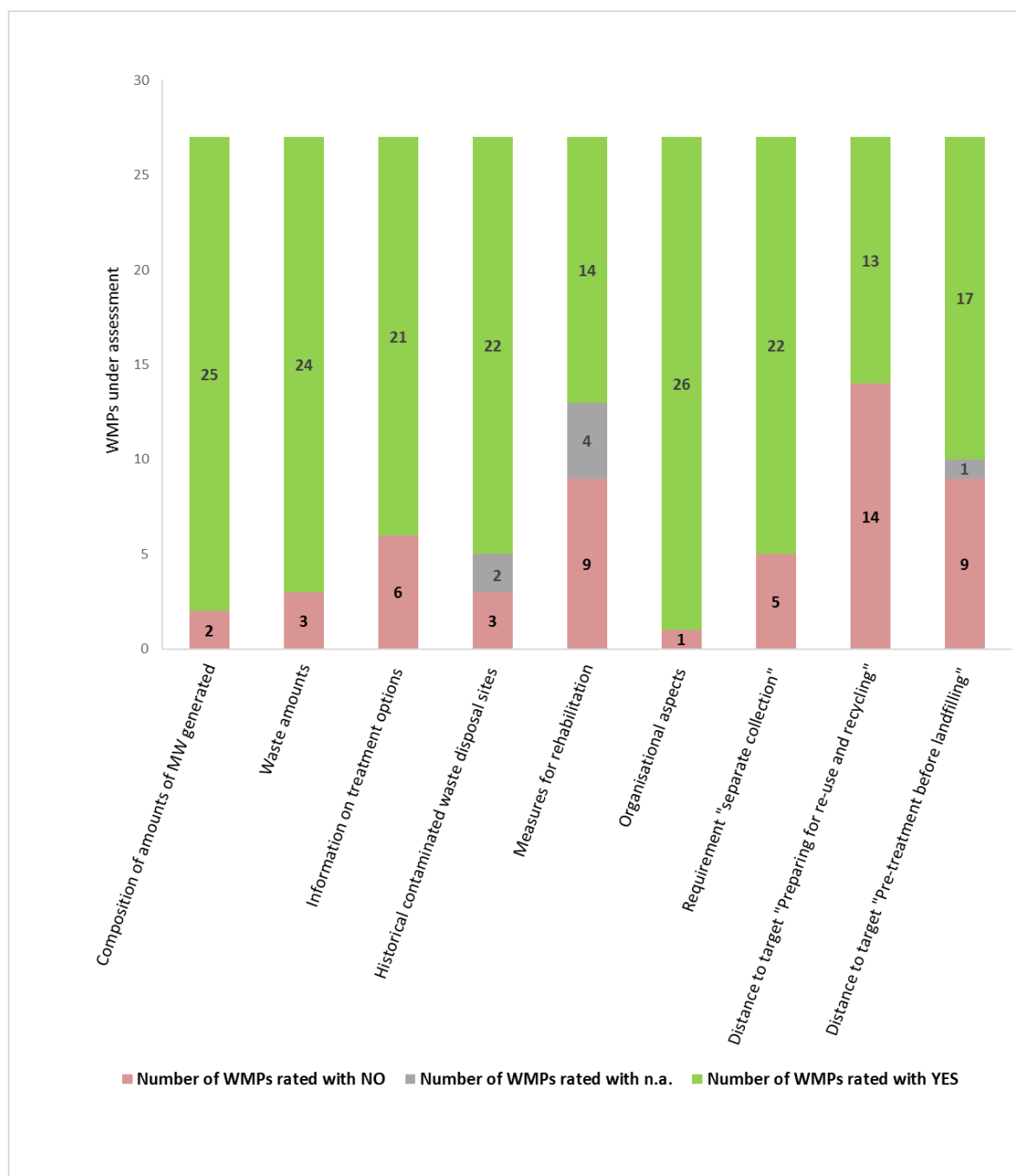


Figure 6: Overview of assessment results - information on municipal waste

Does the WMP include <u>complete</u> information on waste streams?		Number of WMPs rated with "information complete"	Number of WMPs rated with "information NOT complete"	Number of WMPs not including information on waste stream	Number of WMPs rated with "n.a."
3.2.1 - 3.2.6	Packaging waste	3	24	-	-

Information on packaging waste has been evaluated alongside six assessment criteria. As shown above, only three WMPs under assessment include all information and have been rated with "information complete". 24 WMPs under assessment have been rated with "information NOT complete". The figure below provides a more detailed overview of the assessment results per assessment criterion and shows that for 18 WMPs distance to target information on "recycling and recovery of packaging waste" is missing.

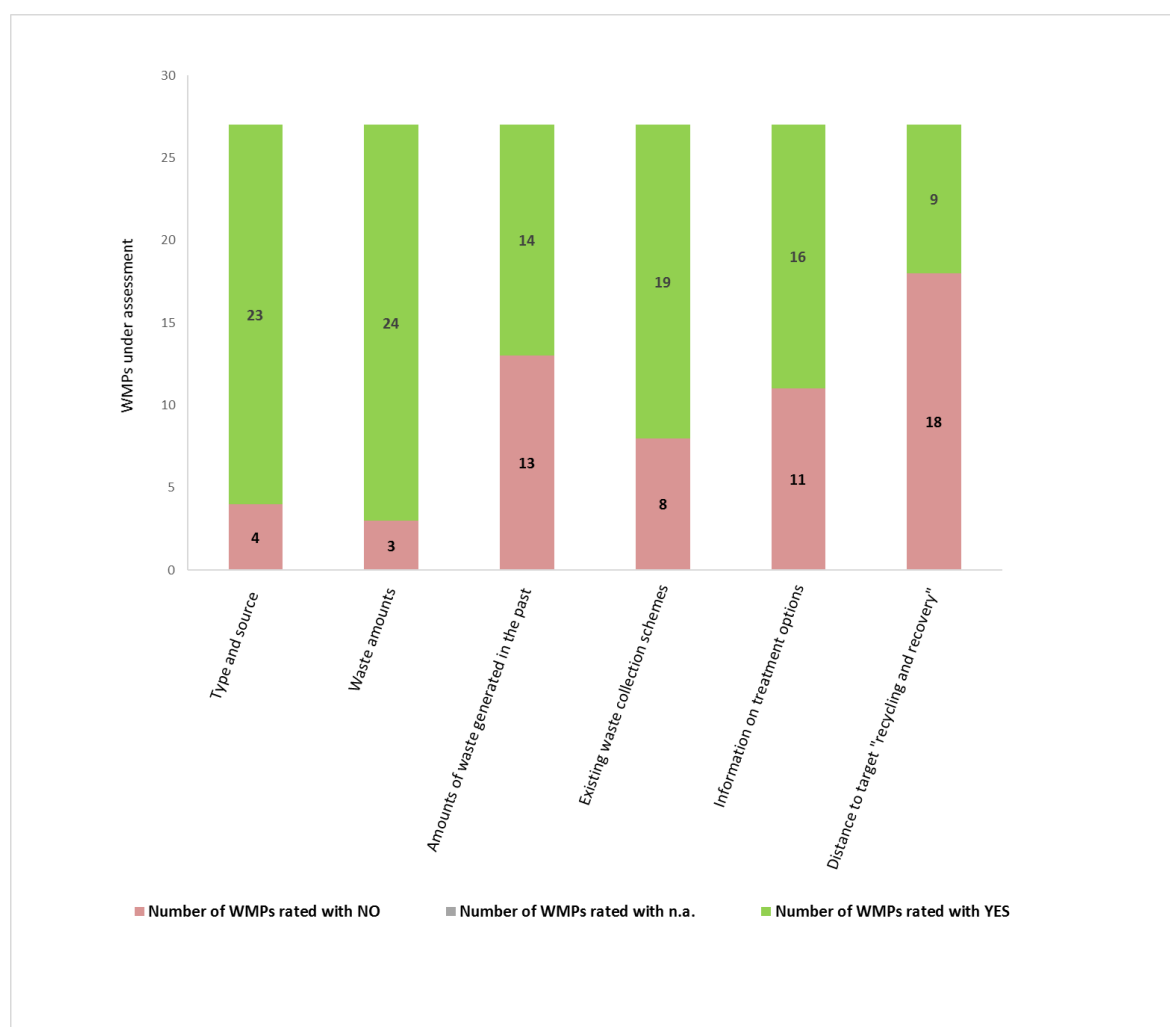


Figure 7: Overview of assessment results - information on packaging waste

Does the WMP include <u>complete</u> information on waste streams?		Number of WMPs rated with "information complete"	Number of WMPs rated with "information NOT complete"	Number of WMPs not including information on waste stream	Number of WMPs rated with "n.a."
3.3.1 - 3.3.6	Biodegradable waste	6	18	3	-

Information on biodegradable waste has been evaluated alongside six assessment criteria. As shown above, six WMPs under assessment include sufficient information and have been rated with "information complete". 18 WMPs under assessment have been rated with "information NOT complete". Three WMPs do not include any information on biodegradable waste. The figure below provides a more detailed overview of the assessment results per assessment criterion.

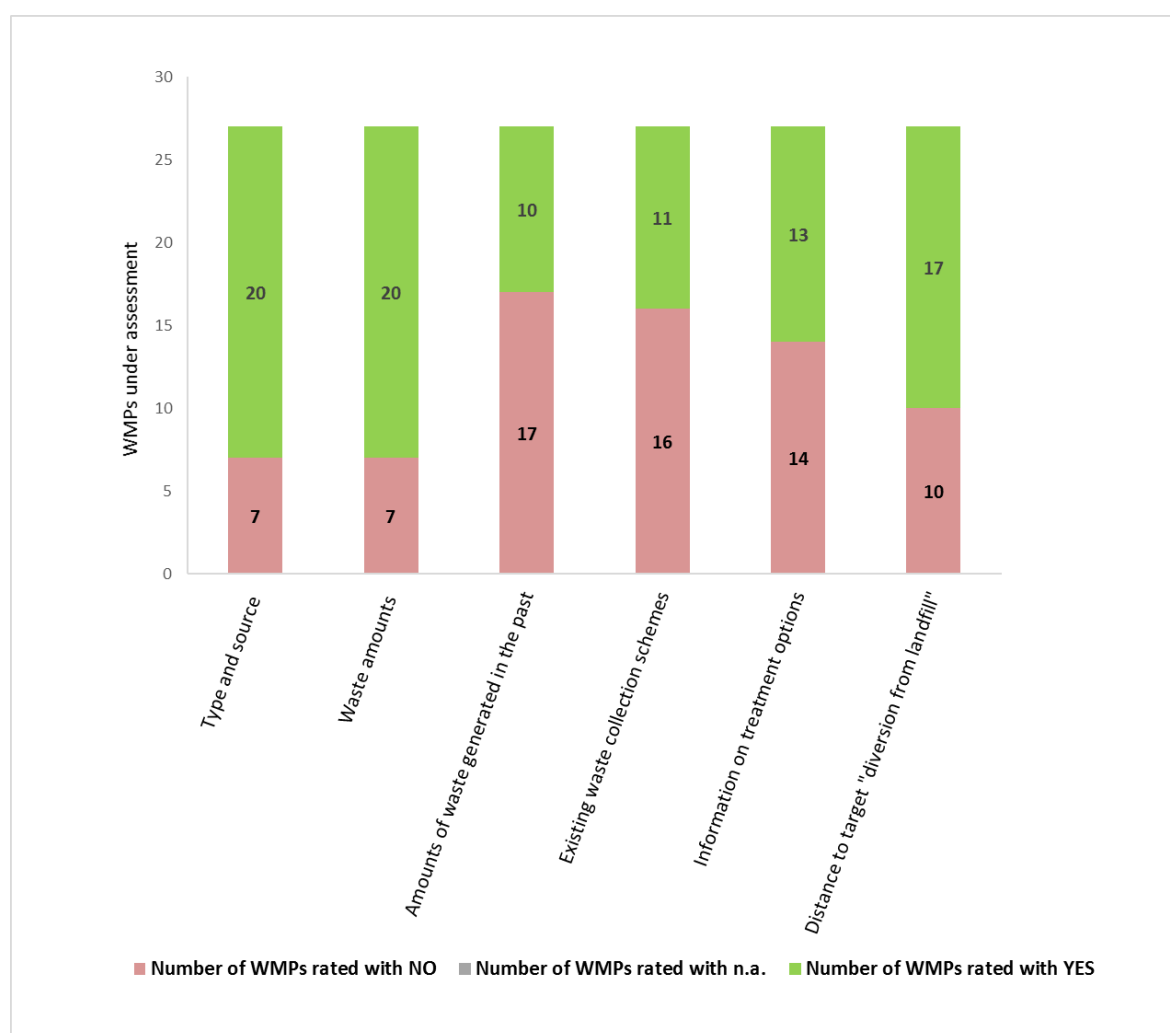


Figure 8: Overview of assessment results - information on biodegradable waste

Does the WMP include <u>complete</u> information on waste streams?		Number of WMPs rated with "information complete"	Number of WMPs rated with "information NOT complete"	Number of WMPs not including information on waste stream	Number of WMPs rated with "n.a."
3.4.1 - 3.4.6	Hazardous waste	2	19	2	4

Information on hazardous waste has been evaluated alongside six assessment criteria. As shown above, only two WMPs under assessment include sufficient information and have been rated with "information complete". 19 WMPs under assessment have been rated with "information NOT complete". Two WMPs do not include any information on hazardous waste (all assessment criteria rated with "NO"). Four WMPs have been rated with "n.a." (all six assessment criteria). The figure below provides a more detailed overview of the assessment results per assessment criterion.

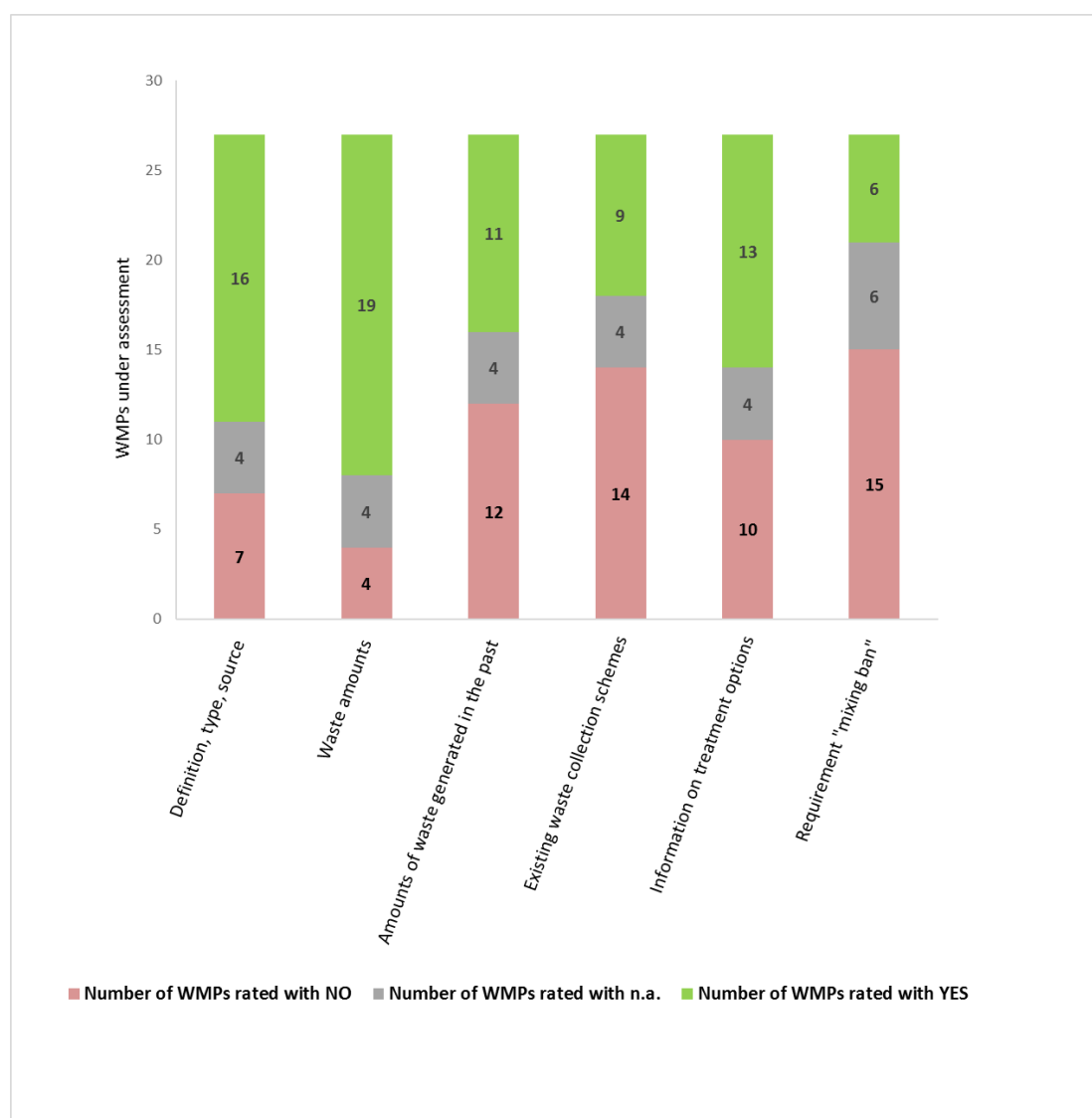


Figure 9: Overview of assessment results - information on hazardous waste

Does the WMP include <u>complete</u> information on waste streams?		Number of WMPs rated with "information complete"	Number of WMPs rated with "information NOT complete"	Number of WMPs not including information on waste stream	Number of WMPs rated with "n.a."
3.5.1 - 3.5.6	Batteries and accumulators	3	21	1	2

Information on batteries and accumulators has been evaluated alongside six assessment criteria. As shown above, three WMPs under assessment include sufficient information and have been rated with "information complete". 21 WMPs under assessment have been rated with "information NOT complete". One WMP does not include any information on batteries / accumulators (all assessment criteria rated with "NO"). Two WMPs have been rated with "n.a." (all six assessment criteria rated with "n.a").

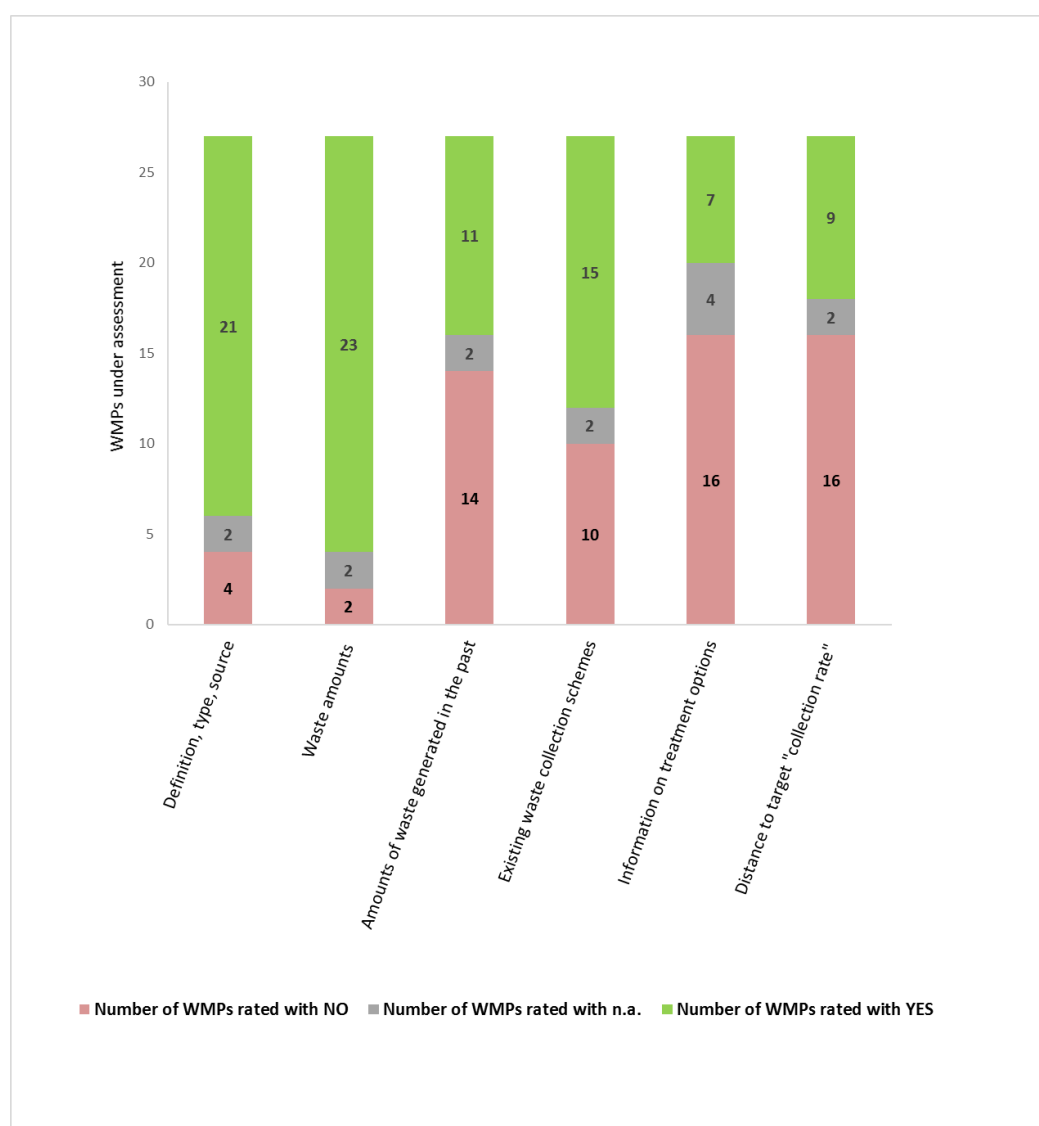


Figure 10: Overview of assessment results - information on batteries / accumulators

Does the WMP include <u>complete</u> information on waste streams?		Number of WMPs rated with "information complete"	Number of WMPs rated with "information NOT complete"	Number of WMPs not including information on waste stream	Number of WMPs rated with "n.a."
3.6.1 - 3.6.6	WEEE	7	18	-	2

Information on WEEE has been evaluated alongside six assessment criteria. As shown above, seven WMPs under assessment include sufficient information and have been rated with "information complete". 18 WMPs under assessment have been rated with "information NOT complete". Two WMPs have been rated with "n.a." (all six assessment criteria rated with "n.a"). The figure below provides a more detailed overview of the assessment results per assessment criterion.

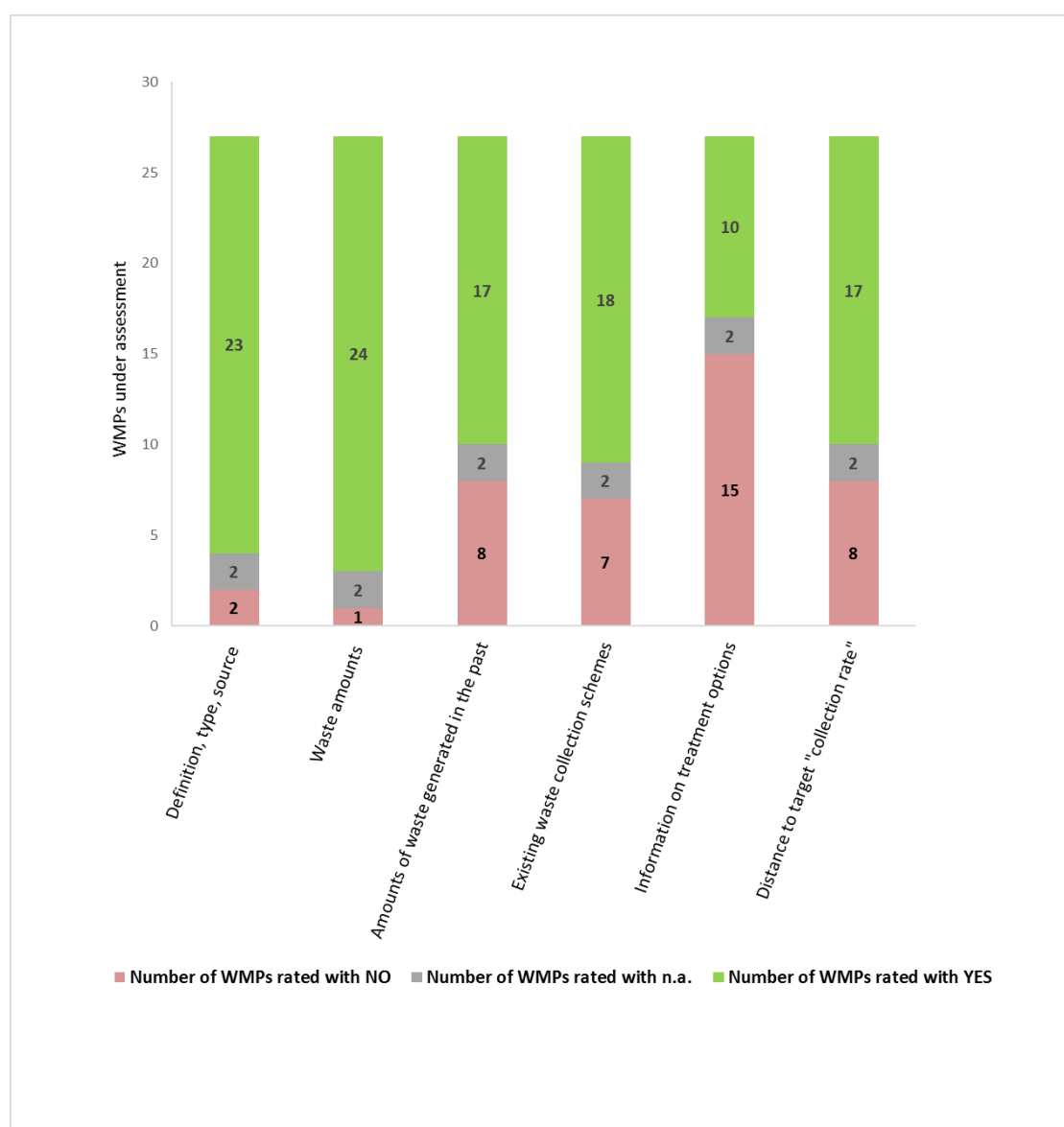


Figure 11: Overview of assessment results - information on WEEE

Does the WMP include <u>complete</u> information on waste streams?		Number of WMPs rated with "information complete"	Number of WMPs rated with "information NOT complete"	Number of WMPs not including information on waste stream	Number of WMPs rated with "n.a."
3.7.1 - 3.7.6	Waste oils	4	17	1	5

Information on waste oils has been evaluated alongside six assessment criteria. As shown above, four WMPs under assessment include sufficient information and have been rated with "information complete". 17 WMPs under assessment have been rated with "information NOT complete". One WMP does not include any information on waste oils (all assessment criteria rated with "NO"). Five WMPs have been rated with "n.a." (all six assessment criteria). The figure below provides a more detailed overview of the assessment results per assessment criterion.

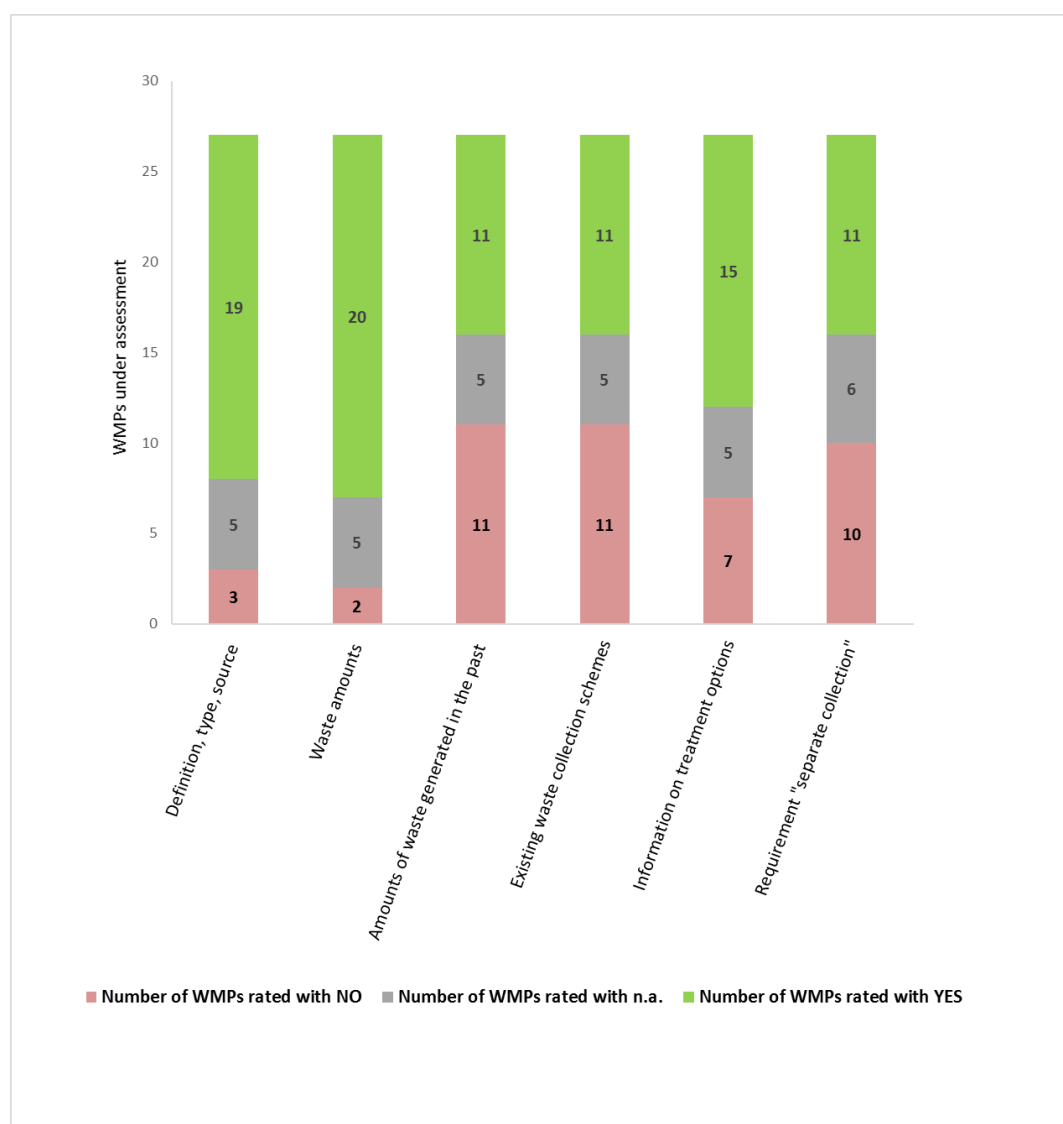


Figure 12: Overview of assessment results - information on waste oils

Does the WMP include <u>complete</u> information on waste streams?		Number of WMPs rated with "information complete"	Number of WMPs rated with "information NOT complete"	Number of WMPs not including information on waste stream	Number of WMPs rated with "n.a."
3.8.1 - 3.8.6	ELVs	4	14	4	5

Information on ELVs has been evaluated alongside six assessment criteria. As shown above, four WMPs under assessment include sufficient information and have been rated with "information complete". 14 WMPs under assessment have been rated with "information NOT complete". Four WMPs do not include any information on ELVs (all assessment criteria rated with "NO"). Five WMPs have been rated with "n.a." (all six assessment criteria). The figure below provides a more detailed overview of the assessment results per assessment criterion.

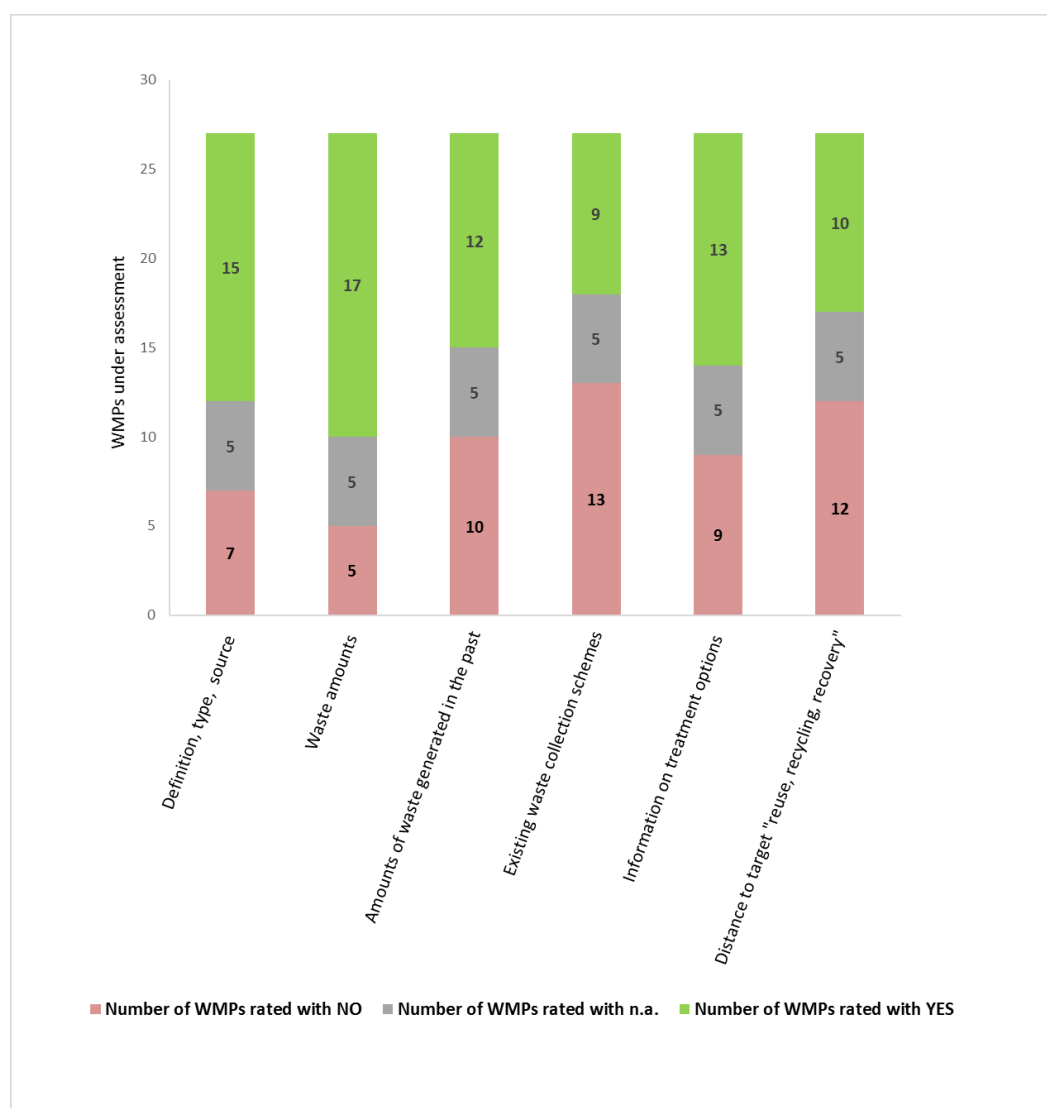


Figure 13: Overview of assessment results - information on ELVs

Does the WMP include <u>complete</u> information on waste streams?		Number of WMPs rated with "information complete"	Number of WMPs rated with "information NOT complete"	Number of WMPs not including information on waste stream	Number of WMPs rated with "n.a."
3.9.1 - 3.9.6	Construction and demolition waste	5	18	1	3

Information on C&D waste has been evaluated alongside six assessment criteria. As shown above, five WMPs under assessment include sufficient information and have been rated with "information complete". 18 WMPs under assessment have been rated with "information NOT complete". One WMP does not include any information on C&D waste (all assessment criteria rated with "NO"). Three WMPs have been rated with "n.a." (all five assessment criteria). The figure below provides a more detailed overview of the assessment results per assessment criterion.

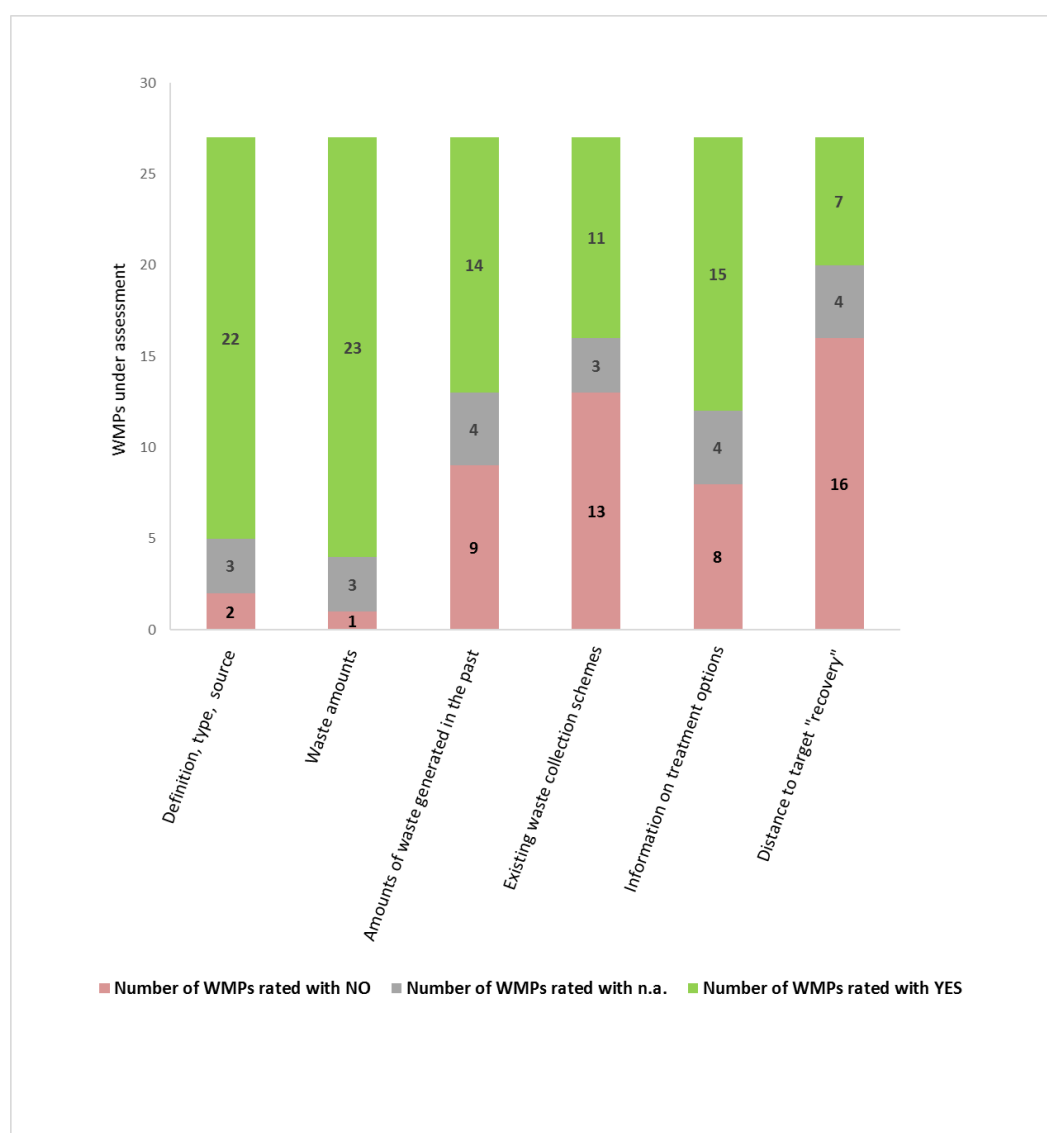


Figure 14: Overview of assessment results - information on C&D waste

Does the WMP include <u>complete</u> information on waste streams?		Number of WMPs rated with "information complete"	Number of WMPs rated with "information NOT complete"	Number of WMPs not including information on waste stream	Number of WMPs rated with "n.a."
3.10.1 - 3.10.5	Industrial waste (not considered for overall rating)	2	19	2	4

Information on industrial waste has been evaluated alongside five assessment criteria. As shown above, only two WMPs under assessment include sufficient information and have been rated with "information complete". 19 WMPs under assessment have been rated with "information NOT complete". Two WMPs do not include any information on industrial waste (all assessment criteria rated with "NO") and four WMPs have been rated with "n.a." (all five assessment criteria). The figure below provides a more detailed overview of the assessment results per assessment criterion.

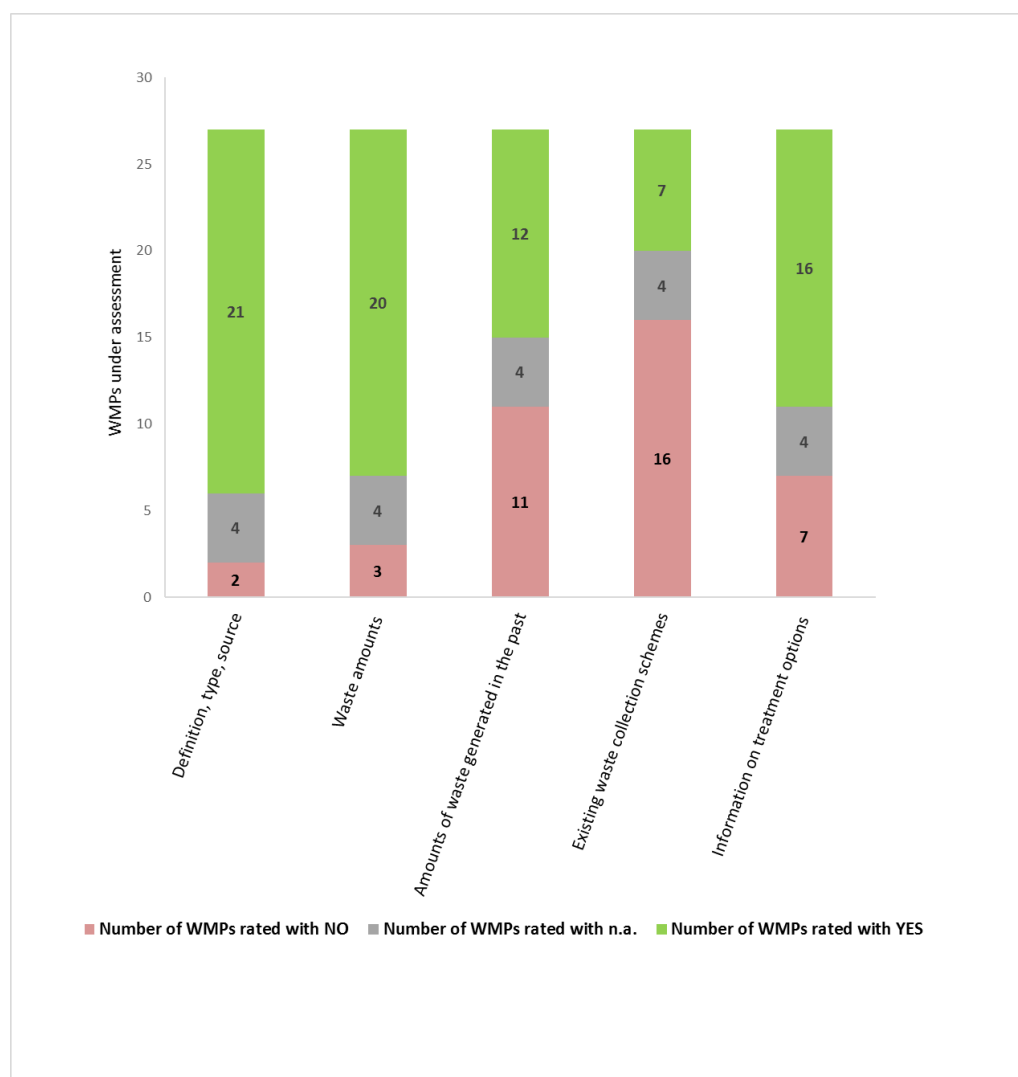


Figure 15: Overview of assessment results - information on industrial waste

The assessment results can be described in more detail for nine specific waste streams as included in the assessment (municipal waste excluded in this context). The figure below provides an overview of assessment criteria that have been rated with “NO” within the section “information on waste streams”, referring to the five assessment criteria which have been applied to all nine waste streams. Information on fulfilment of targets / requirements is presented separately in Figure 17 and is not included in the overview below.

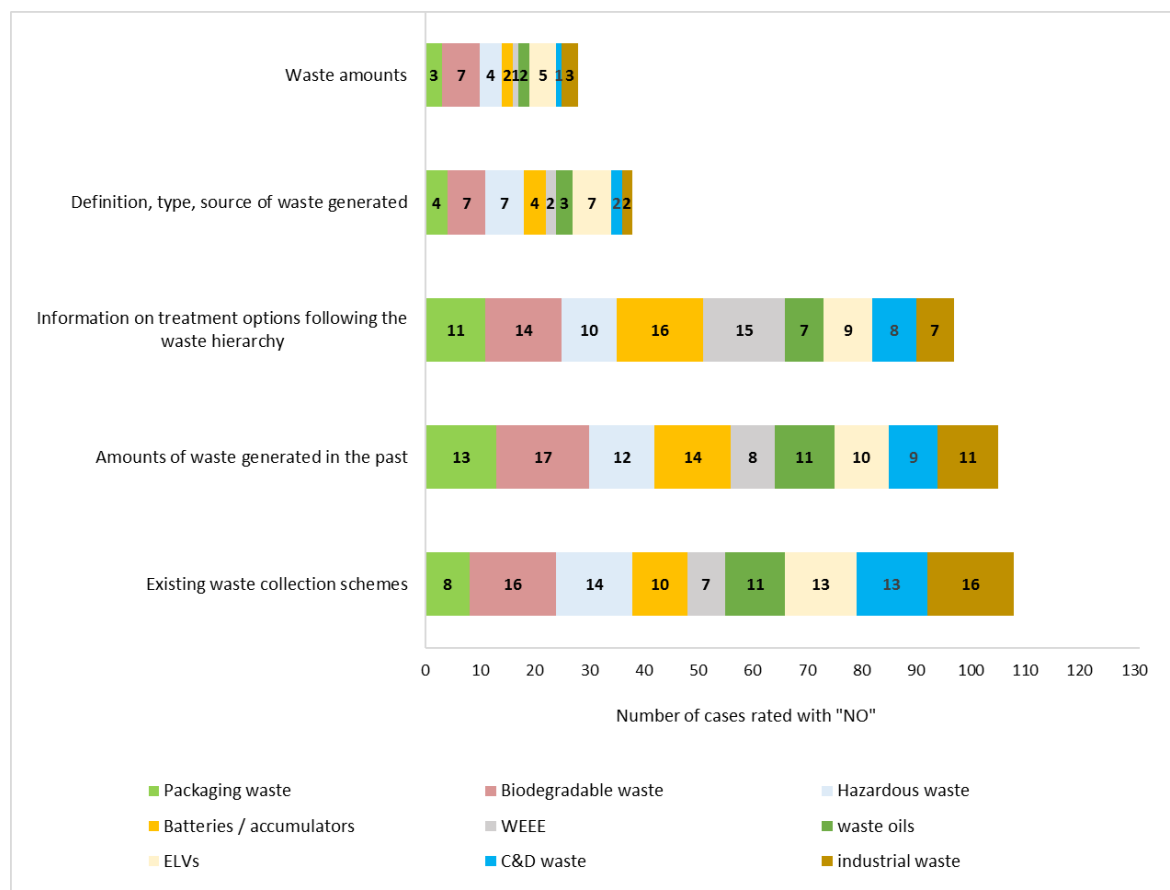


Figure 16: Overview of assessment criteria rated with “NO” for nine specific waste streams

From the figure above, it can be seen that the assessment criterion “**existing waste collection schemes**” is the least covered one within the section “information on waste streams”, being rated with “NO” in **108 cases** (note: the criterion has been evaluated for all 27 WMPs under assessment and for all nine specific waste streams in each evaluation report, resulting in a total of 243 cases). Information on “**amounts of waste generated in the past**” is not included in a total of **105 cases**, followed by lacking information on “**treatment options following the waste hierarchy**” (in total **97 cases**), “**definition, type, source of waste generated**” (in total **38 cases**), and “**waste amounts**” (in total **28 cases**).

Overall, the waste stream biodegradable waste has been rated in 61 cases rated with “NO”, followed by hazardous waste with 47 cases and batteries/accumulators with 46 cases rated with “NO”. With only 33 cases rated with “NO”, C&D waste is the best covered waste stream.

Information on the **fulfilment of targets and requirements** is presented in Figure 17 for all 27 WMPs under full assessment. The purpose of these criteria was to evaluate, to what extent information on

targets and requirements based on the WFD and the connected waste legislation (Landfill Directive, Packaging Directive, WEEE Directive, Batteries Directive, and ELV Directive) is reflected in the plans. Simply repeating targets and requirements within the WMP is considered insufficient. Instead, **information needs to be connected to the actual situation in the country/region, elaborating to what extent the targets have been fulfilled or with distance to target information** (note: in addition, information on specific measures to fulfil targets/requirements has been compiled in the evaluation reports).

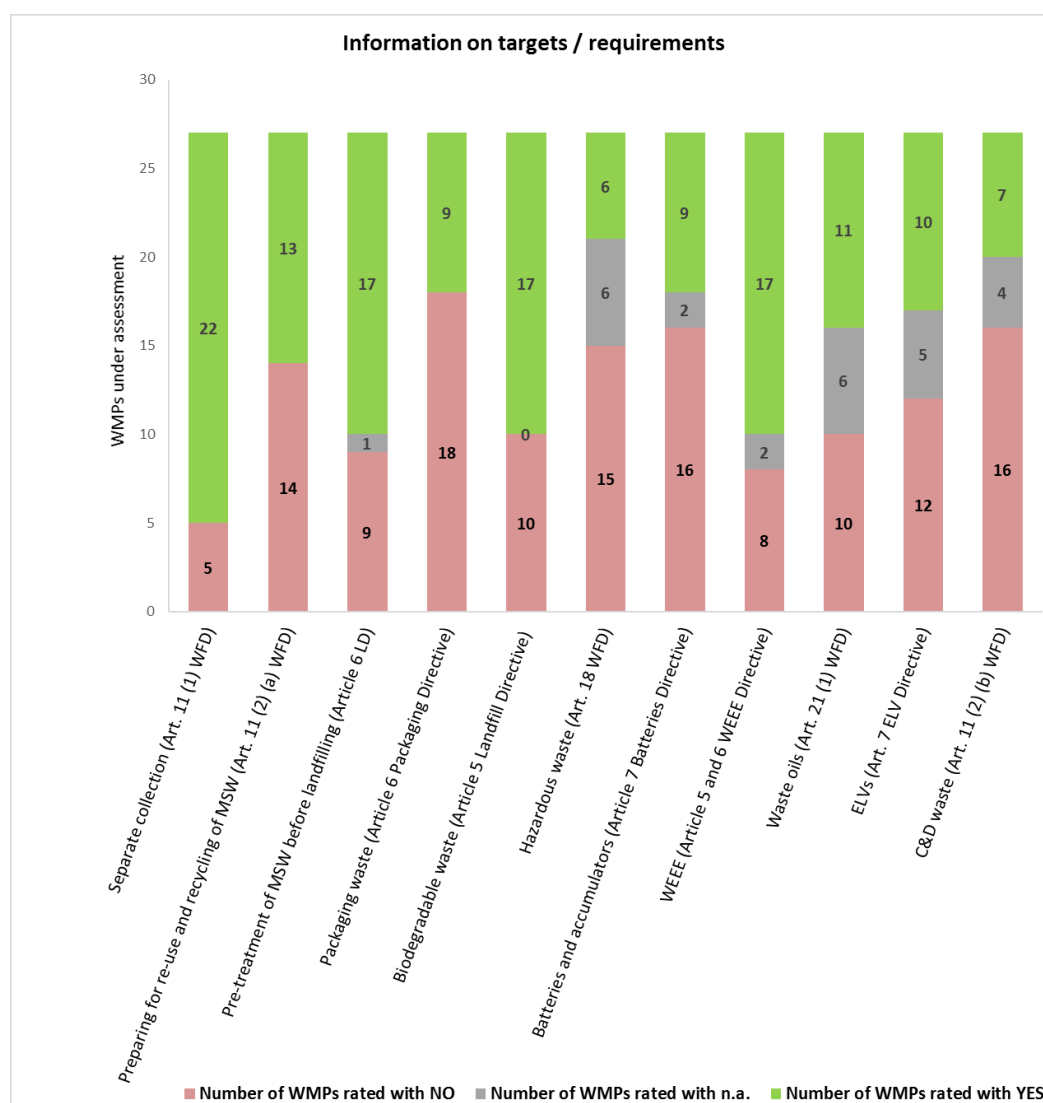


Figure 17: Overview of assessment results – information on fulfilment of targets/ requirements

Taking into account only those assessment criteria, where WMPs have been rated with “NO”, it can for example be shown that distance to target information on **“recycling and recovery of packaging waste”** is the least covered criterion within the targets/requirements section, followed by **“batteries and accumulators”** and **“C&D waste”**.

4.6 Information on policy instruments

Beside the evaluation and planning of infrastructure, the application of policy instruments including economic, legal, administrative and informative instruments is crucial to support environmentally sound waste management, as required by Articles 28 (4) (b) and (c) of the WFD. Therefore, it has been assessed if the WMPs place emphasis on such instruments, which have been applied in the past or are planned to be implemented in the future.

The evaluation of all 27 WMP assessments led to the following results:

Does the WMP include information on policy instruments?		Number of WMPs rated with YES	Number of WMPs rated with NO
4.1	Overview of policy instruments	18	9
4.2	Information on economic instruments in place	18	9
	Information on economic instruments planned	23	4
	Evaluation of usefulness / suitability of economic instruments	16	11
4.3	Information on regulatory instruments in place	23	4
	Information on regulatory instruments planned	20	7
	Evaluation of usefulness/suitability of regulatory instruments	11	16
4.4	Information on administrative instruments in place	20	7
	Information on administrative instruments planned	27	-
	Evaluation of usefulness/suitability of admin. instruments	10	17
4.5	Information on informative instruments in place	14	13
	Information on administrative instruments planned	23	4
	Evaluation of usefulness/suitability of informative instruments	9	18
4.6	Action plan / schedule	12	15
4.7	Costs	15	11*
4.8	Funding	15	12

*1 national plan rated with n.a. (should be included in regional plans).

As shown in the table above, the majority of WMPs under assessment include information on policy instruments, with varying level of detail. **However, only three WMPs under assessment include sufficient information on all assessment criteria** (not shown in the table).

In general, it has to be emphasised that

- often only rather general information is provided, not elaborating on specific instruments in detail;
- in most WMPs, it is not clearly indicated whether the policy instruments are already in place or planned;
- often a clear structure is missing – information is spread in various chapters;
- often a lack of additional information, such as schedule, responsibilities, costs etc for the implementation of new policy instruments, could be identified.

5 Conclusion

The full assessment of 27 WMPs from 11 different Member States reveals that there are still major discrepancies in the proper implementation of the WFD as regards the drafting of Waste Management Plans. 13 WMPs have been rated as “not compliant”, failing to properly address mandatory elements as required by Articles 28 (1) to (3) and (5) of the WFD. Especially the element “**biodegradable municipal waste**” is often responsible for non-compliance. Even if the minimum requirements of the WFD are fulfilled by 13 WMPs, there is considerable room to improve such plans. Often, targets and requirements based on the WFD and the connected waste legislation (Landfill Directive, Packaging Directive, WEEE Directive, Batteries Directive, and ELV Directive) are not properly addressed. To be emphasised is the **lack of distance to target information** for the waste streams **packaging waste, batteries and accumulators** and **C&D waste**. Further, information on specific waste streams often is not sufficiently included. For example, **existing waste collection schemes** are identified as major information gap for all specific waste streams under assessment. **Only one WMP** provides for a thorough analysis of the status quo and the planning period and achieves a quality of waste management planning that can be highly recommended from **a good practice perspective**.

Further, it has to be emphasised that in the case that WMPs are prepared at **national and regional level**, it is not always easy to extract what issues have to be covered at what level(s), in particular **leaving room for interpretation** what has to be included in the regional WMPs.

Waste management plans play a **key role in achieving sustainable waste management** and are of high importance in the transition towards a circular economy. To further improve the quality of waste management planning as well as compliance with and implementation of EU waste legislation, Member States have to increase their efforts. A very important issue identified in carrying out the project is the **cooperation** between national and regional authorities responsible for waste management planning. To ensure that all waste management issues within a MS are sufficiently covered at different administrative levels, it is highly recommended to foster cooperation, i.e. the national authority should clearly assign different waste management tasks to the national and regional level and for example review regional waste management plans. **Guidance documents** such as “**Preparing a Waste Management Plan. A methodological guidance note**” and recommendations as included in **chapter 6 of this report can serve as important planning tools**.

Taking into account the main findings of this project, the European Commission should provide further assistance in developing more **coherent and appropriate planning practices** across the EU Member States.

6 Annex: Recommendations on how to prepare a good waste management plan

The methodological guidance note “Preparing a waste management plan” of the European Commission provides assistance for waste management planning and promotes the development of more coherent and appropriate planning practices across the EU Member States, in compliance with the requirements of the relevant EU legislation:

European Commission, Directorate-General Environment (2012): Preparing a Waste Management Plan. A methodological guidance note. Drafted by members of the ETAGIW Consortium (Expert team for assessment and guidance for the implementation of Waste legislation (UBA GmbH, Vienna, BiPRO GmbH, Munich, and ETC, Bratislava)).

Available at: http://ec.europa.eu/environment/waste/plans/pdf/2012_guidance_note.pdf.

In the following sub-chapters, further recommendations on “**how to prepare a good waste management plan**” are given:

- “**General recommendations**” are presented in chapter 6.1 below;
- “**Specific recommendations**” are presented in chapter 6.2 below.

Please note:

The final study report of the project “Detailed assessment of Waste Management Plans – **First batch**” (2014 – 2015) is available at:

http://ec.europa.eu/environment/waste/studies/pdf/Assessment_of_WMP_final_report.pdf.

All recommendations as included in the **first batch report** can be **confirmed** and therefore are repeated in this report, with a slightly modified structure. For certain elements, **additional recommendations have been added**, in particular on “policy instruments” and “data quality, forecast and monitoring processes”.

6.1 General recommendations

Data and information sources (status quo):

- Clearly indicate reference year for all statistical data presented in the WMP
- Clearly indicate which information sources have been used to prepare the WMP and how such data was retrieved (i.e. annual data, survey etc.); include a short explanation (i.e. annual reporting obligation of waste producer etc.)
 - ➔ draw a distinction between data sources in terms of waste generation, waste collection and waste treatment
- Timeliness of waste data: ensure that data can be regarded as “reasonably current”
- Time-line for waste generation: include information on waste generation in the past for all waste streams covered by the WMP if possible
- Apply the same unit (e.g. tonnes/year and kg/capita/year) regarding past, present, and future data
- Compare national/regional waste data that shall be presented against EUROSTAT statistics (if available) or other official information sources (i.e. national statistical office); address any discrepancies between different data sources
- Present data in tables, graphs, maps etc.

Forecast/prognosis

- Include detailed information on the method or the model for estimating future municipal waste generation
- Include detailed information on the method or the model for estimations with regard to new waste collection schemes for municipal waste
- Include detailed information on the method or the model for estimations with regard to the treatment capacity forecasting
 - ➔ Make a clear prognosis on how the overall management system for municipal waste is expected to look like in the target year, linking estimated waste amounts with the future collection scheme and required treatment capacities
- Link forecast / prognosis with targets to be achieved

Structure of the WMP:

- Consult the methodological guidance note “Preparing a waste management plan” (as cited above)
- If suitable, apply the same structure for the description of each waste stream covered by the plan (of course, there should be a greater level of detail for the most important/priority/complex waste streams)

Example:

- **Waste stream 1**
 - ❖ Definition and differentiation
 - ❖ Legislative and policy context (EU level, national level, regional level) (addressing targets and requirements)
 - ❖ Current management situation (organisational aspects, trends, waste amounts, waste collection, treatment options, treatment facilities etc.)
 - ❖ Need for action
 - ❖ Targets and measures (linked with targets and requirements of the WFD and connected waste legislation / distance to target)
- **Waste stream 2**
 - ❖ Definition and differentiation
 - ❖ Legislative and policy context (EU level, national level, regional level) (addressing targets and requirements)
 - ❖ Current management situation (organisational aspects, trends, waste amounts, waste collection, treatment options, treatment facilities etc.)
 - ❖ Need for action
 - ❖ Targets and measures (in connection with targets and requirements of the WFD and connected waste legislation / distance to target)
- **Waste stream 3**
 - ❖
- Prepare a specific chapter on policy instruments:
 - ❖ Overview and description of existing policy instruments
 - ❖ sub-chapters on economic, legal, administrative, and informative instruments
 - ❖ Evaluation of usefulness and suitability of policy instruments
 - ❖ Schedule and responsibilities for adaption of existing/implementation of new policy instruments

The use of background documents/background studies:

- In order to keep the WMP short and concise, some countries produce 'background documents', e.g. to present complete waste generation prognosis and statistics, feasibility studies and other complex information. Usually those documents are not legally adopted. Therefore it is important to note that all planning, forecasting and policy parts need to be presented in the actual WMP and that in case that additional data is presented in documents outside the WMP, a clear reference is included in the WMP.

6.2 Specific recommendations

Information to be included	Specification
A. General information The WMP should include a short section summarising basic information.	
Type of document	Specify if the WMP is a revision (new plan) or an amendment (adaption of an already existing plan)
Types of waste covered	Clearly indicate the types of waste covered by the WMP / not covered by the WMP
Application period and legal adoption	Indicate the application period of the WMP and the date of legal adoption of the WMP. If the WMP is in draft status, please specify schedule for adoption (if available)
Review period	Indicate the competent authority/ies in charge for drafting/reviewing the WMP at the level applicable
Competent authority/ies for drafting WMP	Indicate the competent authority/ies in charge for drafting/reviewing the WMP at the level applicable; Indicate if other authorities are involved in waste management planning
Competent authority/ies for implementing WMP	Specify the competent authority/ies in charge for implementing the WMP at the level(s) applicable (national/regional/local)
B. Information on waste management planning structure within the Member State Article 28 of the WFD specifies that “those plans [WMPs] shall, alone or in combination, cover the entire geographical territory of the Member State concerned”. To ensure that the entire territory and different levels concerned are covered, the WMP should include a short explanation of the overall waste management planning structure.	
Information on administrative structure	Include a short overview of the administrative structure of waste management planning within the country (i.e. only national plan exists, only regional plans, etc.)
Sectoral plans	In cases where other sectoral plans exist at the level concerned, provide title and if available link to plans; clearly indicate which waste streams are covered by sectoral plan(s)
Coverage of the entire territory	Specify if the WMP alone or in combination covers the entire territory
In case that waste management planning is carried out at different administrative levels	Specify which issues are to be covered by different administrative levels (i.e. information on waste shipments is to be included in national WMP only but

Information to be included	Specification
	not in regional WMPs, certain waste streams/issues are only covered by national level, etc.)
C. Information as required under the Waste Framework Directive To ensure compliance with the WFD, the WMP should at least include information as required by Articles 28 (1) to (3) and (5) of the WFD.	
Analysis of current waste management situation (Art. 28 (2) WFD)	
Definition, type, source of municipal waste generated (Art. 28 (3) (a) WFD)	Include information on • definitions, differentiation of waste streams and information on source of waste • shares, percentages of specific streams on total amount • if available provide information on methodology of determination of waste composition
Waste amounts (Art. 28 (3) (a) WFD)	• total amount/year (e.g. tonnes/year) • amount per capita (e.g. kg/capita/year)
Future waste arisings (Art. 28 (3) (a) WFD)	• development in the future (e.g. increasing/decreasing total amounts) • estimations, forecasts, prognosis, timelines, major changes
Existing waste collection schemes (Art. 28 (3) (b) WFD)	• who is responsible (municipalities, private companies) • waste stream(s) covered by system • coverage of territory with collection infrastructure • distinction between door-to-door collection and bring systems
Major disposal and recovery installations (Art. 28 (3) (b) WFD)	• number and type of installations, capacities • if available, also include detailed information on installations and capacities for specific waste streams
Waste shipments (Art. 28 (3) (a) WFD)	• amounts, proportion of waste exported • country (region) of destination, etc. • information on projections/forecast of waste shipments
Special arrangements (Art. 28 (3) (b) WFD)	• Include information on special arrangements for at least waste oils and hazardous waste.
Measures to improve environmentally sound treatment (Art. 28 (2) WFD)	

Information to be included	Specification
Assessment of the need for new collection schemes (Art. 28 (3) (c) WFD)	• who is responsible (municipalities, private companies) • waste stream(s) covered • description of the system
Additional waste installations infrastructure (Art. 28 (3) (c) WFD)	• type and number of planned installations, schedule • information at least for waste disposal installations and installations for recovery of mixed municipal waste
Capacity of future disposal and major recovery installations (Art. 28 (3) (d) WFD)	• planned capacities for installation • annual throughput, total capacity
Location criteria for site identification (Art. 28 (3) (d) WFD)	• make reference to location criteria (include information in WMP or refer to other documents including a short description)
Closure of existing waste installations (Art. 28 (3) (c) WFD)	• type and number of installations to be closed, schedule • in case there are no installations to be closed, this should be mentioned
General waste management policies and evaluation (Art. 28 (2) WFD)	
Description of waste policies (Art. 28 (3) (e) WFD)	• describe general waste policies, e.g. targets, key objectives, key features
Planned waste management technologies/ methods (Art. 28 (3) (e) WFD)	• describe planned waste management technologies and methods, and policies for specific waste streams (e.g. cascade use, MBT, incineration)
Policies for waste posing specific management problems (Art. 28 (3) (e) WFD)	• include information on waste streams with specific management problems (priority waste streams) • describe policies for priority waste streams of your country/region
Evaluation of WMP (Art. 28 (2) WFD)	• include information on how the plan will support the implementation of objectives and provisions of WFD • Evaluation of the previous WMP (achievements, main obstacles etc.) and planned evaluation of the current WMP (monitoring)
Information on specific wastes (Art. 28 (5) WFD)	

Information to be included	Specification
Packaging waste (Art. 28 (5) WFD)	include a separate chapter on packaging waste in the WMP
Biodegradable municipal waste (Art. 28 (5) WFD)	include information on the strategy for the implementation of the reduction of biodegradable waste going to landfills, referred to in Article 5 of Directive 1999/31/EC
D. Information on fulfilment of targets and requirements Information on targets and requirements based on the WFD and the connected waste legislation should be included in the WMP, clearly indicating to what extent the targets have been fulfilled or with distance to target information (status quo, achievements, and prognosis). In addition, information on planned measures/actions to fulfil targets/requirements shall be included in the WMP.	
Separate collection (Art. 11 (1) WFD)	Requirement: separate collection for at least paper, metal, plastic and glass by 2015 - Include information on the coverage of the territory with collection infrastructure for paper, metal, plastic, and glass - Include information on the separate collection rate achieved for paper, metal, plastic, and glass - Include a description of the status quo, achievements, and prognosis
Preparing for re-use and recycling of municipal waste (Art. 11 (2) (a) WFD)	Target: preparing for re-use and the recycling of waste materials such as 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) shall be increased to a minimum of 50 % by weight by 2020 (relate information to definition of municipal waste)
Pre-treatment of municipal waste before landfilling (Article 6 Landfill Directive)	Requirement: pre-treatment before landfilling - Include information on percentages/total amounts pre-treated in comparison to overall (mixed) municipal waste amount - Include information on pre-treatment infrastructure for mixed municipal waste - Indicate if a landfill ban for untreated municipal waste is in place
Packaging waste (Article 6 Packaging Directive)	Target: by 31.12.2008: - Recovery: 60 % as a minimum by weight of packaging waste

Information to be included	Specification
	– Recycling: as a minimum 55 % by weight of packaging waste, 60 % by weight for glass, 60 % by weight for paper and cardboard; 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
Construction and demolition waste (Art. 11 (2) (b) WFD)	• Target: preparing for re-use, recycling and other material recovery of non-hazardous construction and demolition waste (excluding soil) shall be increased to a minimum of 70% by weight
Biodegradable waste (Article 5 Landfill Directive)	• Target: Biodegradable waste from households diverted from landfills, 2009: reduction to 50% of the 1995 level, 2016: 35% (please mention possible derogation for your country; indicate if a landfill ban on biodegradable waste is in place)
WEEE (Articles 5, 6 and 7 WEEE Directive)	• Requirement: separate collection of WEEE, possibility to return WEEE free of charge (to municipal organised systems or distributor) • Target: for re-use, recycling and recovery by 2006 depending on WEEE category; minimum collection rate of 4 kg/inhabitant*year by 31.12.2015; minimum collection rate for 2016 (45 %)
Batteries and accumulators (Article 10 Batteries Directive)	• Requirement: separate collection of batteries • Target: collection rate 2012: 25 %, 2016: 45 %
Waste oils (Art. 21 (1) WFD)	• Requirement: separate collection of waste oils
Hazardous waste (Art. 18 WFD)	• Requirement: ban on mixing of hazardous waste
ELVs (Art. 7 ELV Directive)	• Target: – min. re-use and recovery 2015: 95 % (2006: 85 %) – min. re-use and recycling 2015: 85 % (2006: 70 %)
E. Information on waste streams To provide a comprehensive picture of the current waste management situation, it is recommended to include detailed information on all waste streams covered by the WMP.	
Municipal waste	

Information to be included	Specification
Definition, type, source of municipal waste generated (part of compliance check, see above)	• definition, differentiation of waste streams and information on source of waste • shares, percentages of specific streams on total amount • if available provide information on methodology of determination of waste composition
Waste amounts (part of compliance check, see above)	• total amount/year (e.g. tonnes/year) • amount per capita (e.g. kg/capita/year)
Amounts of waste generated in the past (time-line)	• trends of waste arisings over the last few years (e.g. increasing/decreasing total amounts) • major changes (include explanation)
Existing waste collection schemes (part of compliance check, see above)	• who is responsible (municipalities, private companies) • waste stream(s) covered by system • coverage of territory with collection infrastructure • clear distinction between door-to-door collection and bring systems, including a detailed description of the collection scheme, i.e. number of collection points, bin volumes, etc.
Major disposal and recovery facilities (part of compliance check, see above)	• number and type of installations, capacities • at least provide information for the main fractions of municipal waste generated (i.e. mixed municipal waste, bio-waste,...)
Information on treatment options following the waste hierarchy	• current situation: data on share/percentage of applied treatment options for municipal waste (in total: 100 %): – preparing for re-use – recycling – other recovery – disposal for municipal wastes • information on waste prevention • progress made (development over time, improvements)
Historical contaminated waste disposal sites	• include information on historical waste disposal sites, mention if there are no historical contaminated waste disposal sites

Information to be included	Specification
Measures for rehabilitation	include information on measures (existing, planned) for the rehabilitation of contaminated sites
Organisational aspects related to complete municipal waste management	- include information on the allocation of responsibilities between public and private actors for collection and treatment of municipal waste - clearly highlight differences between waste streams and describe organisational aspects for all relevant waste streams, i.e.: (Mixed) municipal waste - Separately collected fractions (i.e. bio-waste, packaging waste, hazardous waste) - Specific wastes under EPR schemes (i.e. WEEE, batteries, ELVs, waste oils) - Please note: detailed information on the existing waste collection scheme can be included in sub-chapters on particular waste streams, however the organisation of the overall waste management system can be described before
All other waste streams covered by the WMP should be addressed in separate chapters, e.g.: - packaging waste - biodegradable waste - hazardous waste - batteries /accumulators - WEEE - waste oils - ELVs - C&D waste - industrial waste Each sub-chapter should cover information as listed below.	
Definition, type, source of waste generated	- insert definition/differentiation of waste stream and information on source of waste generated - clearly distinguish between the sources of waste generation, i.e. between household and industrial waste - in addition to a precise definition, waste types can be specified following the entries of the European List of Waste
Waste amounts	total amount/year (e.g. tonnes/year)

Information to be included	Specification
	amount per capita (e.g. kg/capita/year)
Amounts of waste generated in the past (time-line)	- trends of waste arisings over the last few years (e.g. increasing/decreasing total amounts) - major changes (include explanation)
Existing waste collection schemes	- who is responsible (municipalities, private companies) - coverage of territory with collection infrastructure - clear distinction between door-to-door collection and bring systems, including a detailed description of the collection scheme, i.e. number of collection points, bin volumes, etc.
Information on treatment options following the waste hierarchy	- current situation: data on share/percentage of applied treatment options for waste amounts generated (in total: 100 %): - preparing for re-use - recycling - other recovery - disposal for municipal wastes - information on waste prevention - progress made (development over time, improvements)
Disposal and recovery facilities	If possible, also include information on treatment facilities for specific waste streams (number of facilities, capacities) if not covered in the chapter on municipal waste
F. Information on policy instruments The application of policy instruments including economic, legal, administrative and informative instruments is crucial to support environmentally sound waste management, as required by Article 28 (4) (b) and (c) of the WFD. Therefore, the WMP should include detailed information on policy instruments applied and planned.	
Overview of policy instruments	include a separate chapter / sub-chapters / overview of (specific) policy instruments
Economic instruments	Clearly describe economic instruments that are in place planned and evaluate the usefulness / suitability of economic instruments. E.g. - taxation, e.g. landfill tax, incineration tax, others

Information to be included	Specification
	• waste pricing, in particular pay-as-you-throw (PAYT) • deposit-refund systems, e.g. glass/PET bottles, cans
Regulatory instruments	Clearly describe regulatory instruments that are 1) in place 2) planned and evaluate the usefulness / suitability of regulatory instruments. E.g. • restrictions, bans, targets • producers' take-back of discarded products/ Extended producer responsibility (EPR), in particular WEEE, ELV, batteries/accumulators • sanctioning, penalties, fines
Administrative instruments	Clearly describe administrative instruments that are 1) in place 2) planned and evaluate the usefulness / suitability of administrative instruments. E.g. • information exchange tools, e.g. checklists for permitting and inspections, working instructions, standard protocols, shared databases, monitoring/tracking schemes for statistical purposes and/or control waste shipments, schedules, mapping of implementation • cooperation and advice services, such as capacity building and training programmes (for authorities, inspectors, policy, custom), cooperation between authorities (e.g. on permit procedures, consultations, data-bases, platforms), cooperation with operator and advisory services (e.g. prior to permit procedure, information on legal basis), cooperation with public, associations, NGOs, other stakeholders (hearings, internet, public notice) • administrative structures and procedures to foster adequate permitting and inspection as categorisation of waste treatment facilities, inspection plan/priorities

Information to be included	Specification
	support for tendering procedures for municipalities
Informative instruments	Clearly describe informative instruments that are in place planned and evaluate the usefulness / suitability of the informative instruments E.g. - information and awareness campaigns addressing different targets groups (e.g. publications, brochures, guidelines, print and press media, internet, TV, radio and posters, calendars etc. with regard to campaigns) - eco-labelling schemes; marketing of products/packaging
Action plan / schedule	Include an action plan / schedule including e.g. information on timing and responsibilities for implementation of the proposed measures
Costs	Include information on estimated costs for the implementation of proposed measures
Funding	Include information on funds / financing mechanisms available for the implementation of proposed measures (based on cost estimation)
F. Data quality, forecast and monitoring process It is important to include an overview and analysis of the reliability of data collection, reporting methods, and monitoring processes in the WMP.	
Method/ Model for forecast / prognosis of municipal waste generation	Explain the method or the model for estimating future municipal waste generation
Method/Model for municipal waste collection schemes forecasting	Explain the method or the model for forecasts with a view to the development of municipal waste collection schemes
Method/Model for municipal treatment capacity forecasting	Explain the method or the model for estimating required treatment capacities
Evaluation of the previous WMP	Include an analysis / information on the monitoring process and progress made referring to the previous WMP (i.e. evaluation whether targets as included in the previous WMP could be achieved or not / reasons for failure)?

Information to be included	Specification
Evaluation of the current WMP	Include information on monitoring processes foreseen for the planning period of the current WMP (i.e. every two years objectives as formulated in the WMP will be subject to a critical review)?

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