



Governance Regulation: Implementing Regulation 2022/2299 Annex II (Progress towards targets - Decarbonisation: renewable energy)

Based on Commission Implementing Regulation (EU) 2022/2299 laying down rules for the application of Regulation (EU) 2018/1999 of the European Parliament and of the Council as regards the structure, format, technical details and process for the integrated national energy and climate progress reports

Instructions

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Contents of import template



Table 1 Sectoral (electricity, heating and cooling, and transport) and overall shares of energy from renewable sources

Table 2 Total installed capacity from each renewable energy technology

Table 3 Total actual contribution (gross electricity generation) from each renewable energy technology in electricity

Table 4 Total actual contribution (gross final energy consumption) from each renewable energy technology in heating and cooling

Table 5 Total actual contribution (gross final energy consumption) from each renewable energy technology in the transport sector

Table 6 Biomass supply for energy use

Table 7 Other national trajectories and objectives

Table 8 Assessment of the support for electricity from renewable sources pursuant to Article 6(4) of Directive (EU) 2018/2001

Data indirectly reported

As noted above, there is data in this reporting obligation that are not to be reported in Reportnet but come from other reporting obligations.

If issues are noticed with the data indirectly reported - please reach out to the datasource owner.

Section	Type of indirect reporting	Data source
Table 1	Prefilling	Eurostat SHARES
Table 2	Prefilling	Eurostat SHARES
Table 3	Prefilling	Eurostat SHARES
Table 4	Prefilling	Eurostat SHARES
Table 5	Prefilling	Eurostat SHARES
Table 6	Postfilling	Eurostat biomass questionnaire

Counter of answers

Section	Number of records
Table 1	7
Table 2	1
Table 3	1
Table 4	1
Table 5	24
Table 6	1
Table 7	0
Table 8	1
Total	36

The total number of records should match with Reportnet

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Table 1: Sectoral (electricity, heating and cooling, and transport) and overall shares of energy from renewable sources (1)

Reporting Year (X)		2023			
Reporting element	Specification	Unit	Year		
			X-3	X-2	
Gross final consumption of energy from renewable sources	M	ktoe	1 872,5	2 071,7	
Gross final consumption of energy with aviation adjustment	M	ktoe	10 795,8	11 897,9	
Overall RES share	M	%	17,3	17,4	
Renewable electricity generation (with normalisation)	M	GWh	6 660,3	6 821,8	
Total Gross Electricity Consumption	M	GWh	28 875,0	30 496,0	
RES-E generation share	M	%	23,1	22,4	
RES-T numerator with multipliers	M	ktoe	223,3	223,2	
RES-T denominator with multipliers	M	ktoe	2 411,7	2 549,7	
RES-T consumption share	M	%	9,3	8,8	
RES-H&C numerator	M	ktoe	1 146,7	1 324,6	
RES-H&C denominator	M	ktoe	5 902,9	6 785,3	
- Of which waste heat and cold utilised through district heating/cooling networks	M	ktoe	0,0	0,0	
RES -H&C share	M	%	19,4	19,5	
RES-H&C share with waste heat and cold	M	%	19,4	19,5	
Energy from renewable sources and from waste heat and cold used in district heating and cooling	M(2)	ktoe	:	:	
Energy from all sources used for district heating and cooling	M(2)	ktoe	:	:	
Share of energy from renewable sources and from waste heat and cold in district heating and cooling	M(2)	%	:	:	
Statistical transfers / Joint projects /joint support schemes – total amount to be added	M(2)	ktoe	0,0	0,0	
Statistical transfers / Joint projects /joint support schemes – total amount to be deducted	M	ktoe	0,0	0,0	
Indigenous renewable hydrogen production	V	ktoe	0	0	
Indigenous biogas production	V	ktoe	130	130	
In case one or more of the RES shares in X-3 or X-2 have fallen below the national trajectory as reported in the integrated national energy and climate plan, or the baseline share of 2020, explain the reasons for this development and information on additional measures that are planned in order to cover the gap compared to the national reference point.	Miap	N/A			
Please provide information on whether the MS intends to use waste heat and waste cold for the purposes of fulfilling the H&C target (Article 23) and DH&C targets (Article 24) of REDII (pursuant to Article 23(1) of REDII) and accordingly whether the MS plans to apply target 1.1 ppt (pure RES) or 1.3 (RES + waste heat/cold).	Miap	N/A			
In case the average annual increase is lower than the H&C target in Article 23 of REDII, please state the achieved level and provide reasons, including of choice of measures (pursuant to the second and third sub-paragraphs of Article 23(2) of REDII)	Miap	N/A			

Notation: X = reporting year; M = mandatory; Miap = mandatory if applicable; V = voluntary

Notes:

- (1) All calculation provisions set out in Directive 2009/28/EC are applied to the total numerator and the total denominator
- (2) These values have to be reported starting at reference year 2021.

Table 2: Total installed capacity from each renewable energy technology⁽¹⁾

Reporting Year (X)		2023		
Renewable energy technology	Specification	Unit	Year	
			X-3	X-2
Hydro	M	MW	2 529,0	2 531,0
Of which pure hydro power with no pumping	M	MW	1 613,0	1 615,0
Of which mixed hydro power	M	MW	916,0	916,0
Of which pumped hydro power	M	MW	916,0	916,0
Geothermal	M	MW	0,0	0,0
Solar	M	MW	543,0	546,0
Of which photovoltaic	M	MW	543,0	546,0
Of which photovoltaic < 30 kW	M ⁽⁵⁾	MW	13,0	13,0
Of which rooftop	M ⁽⁵⁾	MW	13,0	13,0
Of which off grid	M ⁽⁵⁾	MW	0,0	0,0
Of which photovoltaic 30 kW - 1000 kW	M ⁽⁵⁾	MW	430,0	433,0
Of which rooftop	M ⁽⁵⁾	MW	:	:
Of which off grid	M ⁽⁵⁾	MW	0,0	0,0
Of which photovoltaic ≥ 1 MW	M ⁽⁵⁾	MW	100,0	100,0
Of which rooftop	M ⁽⁵⁾	MW	0,0	0,0
Of which off grid	M ⁽⁵⁾	MW	0,0	0,0
Of which concentrated solar power	M	MW	:	:
Tide, wave, ocean	M	MW	0,0	0,0
Wind	M	MW	4,0	4,0
Of which onshore	M	MW	4,0	4,0
Of which offshore	M	MW	0,0	0,0
Biomass ^{(2) (3)}	M	MW	219,0	244,0
Of which solid biomass fuels ⁽⁴⁾	M	MW	137,0	163,0
Of which bioliquids	M	MW	0,0	0,0
Of which gaseous biomass fuels ⁽⁴⁾	M	MW	82,0	81,0
Solar collectors surface	M	1000 m ²	232,0	249,0
Liquid biofuels plants capacity	M	1000 tonnes	277,0	262,0
Of which biogasoline	M	1000 tonnes	142,0	142,0
Of which biodiesels	M	1000 tonnes	135,0	120,0
Of which bio jet kerosene	M	1000 tonnes	0,0	0,0
Of which other liquid biofuels	M	1000 tonnes	0,0	0,0
Relevant information, in case the evolution of installed capacity has an impact on the overall and sectoral trajectories for renewable energy from 2021 to 2030.	M	N/A		

Notation: X = reporting year; M = mandatory

Notes:

(1) Categories to be reported in this table are based on the annual energy questionnaires on Renewables and Wastes from Eurostat, according to Regulation (EC) No 1099/2008 on energy statistics.

(2) As defined in Directive (EU) 2018/2001: 'biomass' means the biodegradable fraction of products, waste and residues from biological origin from agriculture, including vegetal and animal substances, from forestry and related industries, including fisheries and aquaculture, as well as the biodegradable fraction of waste, including industrial and municipal waste of biological origin.

(3) In case of blended solid or gaseous biomass fuels or bioliquids only the capacity corresponding to the bio part should be taken into account. If no capacity data available then provide an estimate based on inputs, efficiencies, generation and full load hours of both

(4) As defined in Directive (EU) 2018/2001 Article 2 Definitions (27) 'biomass fuels' means gaseous and solid fuels produced from

(5) These values have to be reported starting at reference year 2022.

Table 3: Total actual contribution (gross electricity generation) from each renewable energy technology in electricity

Reporting Year (X)		2023		Year	
Renewable energy technology	Specification	Unit	X-3	X-2	
Normalised hydro generation	M	GWh	4 318,5	4 301,0	
Of which normalised pure hydro power with no pumping	M	GWh	4 318,5	4 301,0	
Of which normalised mixed hydro power (only no pumping part)	M	GWh	0,0	0,0	
Normalised wind generation	M	GWh	5,8	5,0	
Of which normalised on-shore wind generation	M ⁽¹⁾	GWh	:	5,0	
Of which normalised off-shore wind generation	M ⁽¹⁾	GWh	:	0,0	
From pure bioliquids, compliant + non-compliant	M	GWh	0,0	0,0	
of which from compliant pure (non-blended) bioliquids	M	GWh	0,0	0,0	
of which not from food and feed crops	M ⁽¹⁾	GWh	0,0	0,0	
of which from food and feed crops	M ⁽¹⁾	GWh	:	0,0	
of which from NON high-ILUC risk	M ⁽¹⁾	GWh	:	0,0	
From compliant blended bioliquids, only bio part	M	GWh	0,0	0,0	
of which not from food and feed crops	M ⁽¹⁾	GWh	0,0	0,0	
of which from food and feed crops	M ⁽¹⁾	GWh	:	0,0	
of which from NON high-ILUC risk	M ⁽¹⁾	GWh	:	0,0	
From biogas blended in the grid	M	GWh	0,0	0,0	
Of which compliant	M ⁽¹⁾	GWh	:	0,0	
From biogas accounted towards electricity based on certificates	M ⁽¹⁾	GWh	0,0	0,0	
Geothermal	M	GWh	0,0	0,0	
Solar photovoltaic	M	GWh	662,4	670,7	
Of which photovoltaic < 30 kW	M ⁽²⁾	GWh	10,5	10,4	
Of which rooftop	M ⁽²⁾	GWh	10,5	10,4	
Of which off grid	M ⁽²⁾	GWh	0,0	0,0	
Of which photovoltaic 30 kW - 1000 kW	M ⁽²⁾	GWh	518,2	521,2	
Of which rooftop	M ⁽²⁾	GWh	:	:	
Of which off grid	M ⁽²⁾	GWh	0,0	0,0	
Of which photovoltaic ≥ 1 MW	M ⁽²⁾	GWh	133,7	139,1	
Of which rooftop	M ⁽²⁾	GWh	0,0	0,0	
Of which off grid	M ⁽²⁾	GWh	0,0	0,0	
Solar thermal	M	GWh	0,0	0,0	
Tide, wave and ocean	M	GWh	0,0	0,0	
Municipal waste (renewable)	M	GWh	43,0	32,0	
Solid biofuels	M	GWh	1 120,0	1 325,0	
Of which compliant	M ⁽¹⁾	GWh	:	1 325,0	
From pure biogas	M	GWh	510,0	487,0	
Of which compliant	M ⁽¹⁾	GWh	:	487,0	
Relevant information, in case the evolution of gross electricity generation has an impact on the overall and sectoral trajectories for renewable energy from 2021 to 2030.	M	N/A			

Notation: X = reporting year; M = mandatory

Notes:

(1) These values have to be reported starting at reference year 2021.

(2) These values have to be reported starting at reference year 2022.

Table 4: Total actual contribution (gross final energy consumption) from each renewable energy technology in heating and cooling ⁽¹⁾

Reporting Year (X)			2023	
Renewable energy technology	Specification	Unit	Year	
			X-3	X-2
Final Energy Consumption of renewable sources and fuels in Industry and Other Sectors (households, commercial and public services, agriculture and forestry, fishing and not elsewhere specified) excluding transport	M	ktoe		
Charcoal	M	ktoe	0,7	0,7
Pure biogas	M	ktoe	24,0	25,0
Biogas blended in the grid	M	ktoe	0,0	0,0
Of which compliant	M ⁽¹⁾	ktoe	.	0,0
Biogas accounted towards FEC in industry and other sectors based on certificates	M ⁽¹⁾	ktoe	.	0,0
Geothermal (excluding geothermal heat pumps)	M	ktoe	0,7	0,7
Solar thermal	M	ktoe	8,0	8,6
Municipal waste renewable	M	ktoe	11,9	21,4
Solid biofuels excluding charcoal	M	ktoe	897,2	1 023,7
Of which compliant	M ⁽¹⁾	ktoe	.	1 023,7
all bioliquids, compliant and also non-compliant	M	ktoe	0,0	0,0
of which only compliant bioliquids	M	ktoe	0,0	0,0
of which not from food and feed crops	M ⁽¹⁾	ktoe	0,0	0,0
of which from food and feed crops	M ⁽¹⁾	ktoe	.	0,0
of which from NON high-ILUC risk	M ⁽¹⁾	ktoe	.	0,0
Production of heat from renewable fuels	M	ktoe		
Geothermal energy (excluding geothermal heat pumps)	M	ktoe	4,3	3,2
Solar thermal	M	ktoe	0,0	0,0
Municipal Waste - Renewable	M	ktoe	1,8	2,0
Solid biofuels	M	ktoe	129,0	152,4
Of which compliant	M ⁽¹⁾	ktoe	129,0	152,4
From pure biogas	M	ktoe	17,3	17,7
Of which compliant	M ⁽¹⁾	ktoe	.	17,7
From biogas blended in the grid	M	ktoe	0,0	0,0
Of which compliant	M ⁽¹⁾	ktoe	.	0,0
From biogas accounted towards heat production based on certificates	M	ktoe	0,0	0,0
all pure bioliquids, compliant and also non-compliant	M	ktoe	0,0	0,0
of which only compliant pure bioliquids	M	ktoe	0,0	0,0
of which not from food and feed crops	M ⁽¹⁾	ktoe	0,0	0,0
of which from food and feed crops	M ⁽¹⁾	ktoe	.	0,0
of which from NON high-ILUC risk	M ⁽¹⁾	ktoe	.	0,0
blended bioliquids, compliant , only bio- part	M	ktoe	0,0	0,0
of which not from food and feed crops	M ⁽¹⁾	ktoe	0,0	0,0
of which from food and feed crops	M ⁽¹⁾	ktoe	.	0,0
of which from NON high-ILUC risk	M ⁽¹⁾	ktoe	.	0,0
From hydrogen of renewable origin	M ⁽¹⁾	ktoe	.	0,0
From RFNBOs	M ⁽¹⁾	ktoe	.	0,0
Ambient heat (captured by heat pumps, with the exception of geothermal heat pumps)	M	ktoe	51,8	69,2
Of which air-air	M	ktoe	0,0	7,3
Of which air-water	M	ktoe	0,0	16,7
Of which air-air reversible	M	ktoe	0,0	36,6
Of which air-water reversible	M	ktoe	0,0	0,6
Of which exhaust air-air	M	ktoe	0,0	0,1
Of which exhaust air-water	M	ktoe	0,0	0,0
Of which water-air	M	ktoe	0,0	0,8
Of which water-water	M	ktoe	0,0	1,2
Geothermal energy using heat pumps	M	ktoe	0,0	3,0
Of which ground-air	M	ktoe	0,0	0,0
Of which ground-water	M	ktoe	0,0	3,0
Renewable cooling	M ⁽¹⁾	ktoe	.	0,0
Of which individual cooling systems above 1.5 MW capacity	M ⁽¹⁾	ktoe	.	0,0
Of which from renewable heat driven cooling (absorption and adsorption)	M ⁽¹⁾	ktoe	.	0,0
Of which Individual cooling systems below 1.5 MW capacity	M ⁽¹⁾	ktoe	.	0,0
Space cooling in residential sector	M ⁽¹⁾	ktoe	.	0,0
Of which from renewable heat driven cooling (absorption and adsorption)	M ⁽¹⁾	ktoe	.	0,0
Space cooling in the tertiary sector	M ⁽¹⁾	ktoe	.	0,0
Of which from renewable heat driven cooling (absorption and adsorption)	M ⁽¹⁾	ktoe	.	0,0
Process cooling	M ⁽¹⁾	ktoe	.	0,0
Of which from renewable heat driven cooling (absorption and adsorption)	M ⁽¹⁾	ktoe	.	0,0
Other individual cooling systems	M ⁽¹⁾	ktoe	.	0,0
Of which from renewable heat driven cooling (absorption and adsorption)	M ⁽¹⁾	ktoe	.	0,0
District cooling	M ⁽¹⁾	ktoe	.	0,0
Of which from renewable heat driven cooling (absorption and adsorption)	M ⁽¹⁾	ktoe	.	0,0
Relevant information, in case the evolution of final energy consumption for heating and cooling has an impact on the overall and sectoral trajectories for renewable energy from 2021 to 2030.	M	N/A		

Notation: X = reporting year; M = mandatory

Notes:

(1) These values have to be reported starting at reference year 2021.

Table 5: Total actual contribution (gross final energy consumption) from each renewable energy technology in the transport sector

Reporting Year (X)		2023		Greenhouse saving performance ⁽³⁾			
Renewable energy technology	Specification	Unit	Volumes		Unit ⁽²⁾	X-3	X-2
			X-3	X-2			
Biofuels in transport ⁽¹⁾							
Liquid biofuels in road transport	M	ktoe	153,1	160,5			
Liquid biofuels in rail transport	M	ktoe	0,0	0,0			
Liquid biofuels in other modes	M	ktoe	0,0	0,0			
Gaseous biofuels in road transport	M	ktoe	0,0	0,0			
Gaseous biofuels in rail transport	M	ktoe	0,0	0,0			
Gaseous biofuels in other modes	M	ktoe	0,0	0,0			
Non-biomass fuels that can be counted towards transport							
Hydrogen of renewable origin	M	ktoe	0,0	0,0			
Of which in Art 27.2(c) – in maritime sector	M ⁽⁵⁾	ktoe	:	0,0			
Of which in Art 27.2(c) – in aviation sector	M ⁽⁵⁾	ktoe	:	0,0			
Renewable fuels of non-biological origin (RFNBOs)	M	ktoe	0,0	0,0			
Of which in Art 27.2(c) – in maritime sector	M ⁽⁵⁾	ktoe	:	0,0			
Of which in Art 27.2(c) – in aviation sector	M ⁽⁵⁾	ktoe	:	0,0			
Recycled carbon fuels	M	ktoe	:	0,0			
Of which in Art 27.2(c) – in maritime sector	M ⁽⁵⁾	ktoe	:	0,0			
Of which in Art 27.2(c) – in aviation sector	M ⁽⁵⁾	ktoe	:	0,0			
COMPLIANT biofuels in transport ⁽²⁾							
all compliant biofuels in all transport modes	M	ktoe	153,1	160,5	TCO2eq	454485,9	474651
Annex IX (all transport modes)	M	ktoe	36,2	0,0	TCO2eq	132074	160812,7
Of which Art. 27.2(c) - in maritime sector	M ⁽⁵⁾	ktoe	:	0,0			
Of which Art. 27.2(c) - in aviation sector	M ⁽⁵⁾	ktoe	:	0,0			
By feedstock (all modes)							
Part A	M	ktoe	0,0	8,0			
Of which Part A in maritime sector (Art. 27.2c)	M ⁽⁵⁾	ktoe	:	0,0			
Of which Part A in aviation sector (Art. 27.2c)	M ⁽⁵⁾	ktoe	:	0,0			
Part A by feedstock (all modes)							
(a)	M	ktoe	:	:			
(b)	M	ktoe	0,0	:			
(c)	M	ktoe	:	:			
(d)	M	ktoe	0,0	3,8	TCO2eq		13623,5
(e)	M	ktoe	:	:			
(f)	M	ktoe	:	:			
(g)	M	ktoe	:	:			
(h)	M	ktoe	:	:			
(i)	M	ktoe	:	2,8	TCO2eq		9938,839
(j)	M	ktoe	0,0	:			
(k)	M	ktoe	0,0	:			
(l)	M	ktoe	:	:			
(m)	M	ktoe	:	:			
(n)	M	ktoe	:	:			
(o)	M	ktoe	:	1,2	TCO2eq		4416,211
(p)	M	ktoe	:	:			
(q)	M	ktoe	:	:			
Part B	M	ktoe	:	37,7	TCO2eq		132834,2
Of which Part B in maritime sector (Art. 27.2c)	M ⁽⁵⁾	ktoe	:	:			
Of which Part B in aviation sector (Art. 27.2c)	M ⁽⁵⁾	ktoe	:	:			
Part B by feedstock (all modes)							
(a)	M	ktoe	:	37,7	TCO2eq	132074	132834,2
(b)	M	ktoe	:	:			
Article 26(1) - From food and feed crops	M	ktoe	:	114,9	TCO2eq	454485,9	313838,3
of which from NON high ILUC risk	M ⁽⁵⁾	ktoe	:	111,9	TCO2eq	452790,2	305433,3
Other compliant biofuels	M	ktoe	:	:			
Of which in maritime sector (Art. 27.2c)	M ⁽⁵⁾	ktoe	:	:			
Of which in aviation sector (Art. 27.2c)	M ⁽⁵⁾	ktoe	:	:			
Renewable electricity in the grid used in the transport sector							
All electricity in transport	M	ktoe	:	50,4			
All electricity in road transport	M	ktoe	:	2,2			
RE in road transport	M	ktoe	0,7	0,5			
non-RE in road transport	M	ktoe	1,4	1,7			
All electricity in rail transport	M	ktoe	:	40,1			
RE in rail transport	M	ktoe	11,6	8,9			
non-RE in rail transport	M	ktoe	24,4	31,2			
All electricity in all other transport modes	M	ktoe	:	8,2			
RE in all other transport modes	M	ktoe	1,7	1,8			
non-RE in all other transport modes	M	ktoe	3,7	6,4			
Relevant information, in case the evolution of final energy consumption for transport has an impact on the overall and sectoral trajectories for renewable energy from 2021 to 2030.	M						

Notation: X = reporting year; M = mandatory

Notes:

⁽¹⁾ This includes all biofuels, compliant and non-compliant, pure biofuels and corresponding part of blended biofuels, other renewable fuels, hydrogen and synthetic fuels of renewable origin in transport

⁽²⁾ This includes only compliant biofuels and biomass fuels (Articles 29 & 30 of Directive (EU) 2018/2001), pure and corresponding renewable part of blended fuels used in transport

⁽³⁾ Greenhouse saving performance has to be reported for the total of sustainable biofuels. Data may be reported more detailed and, in that case, if information cannot be provided because of confidentiality, Member States to include "C" for the related category.

⁽⁴⁾ Specify the unit in which the greenhouse saving performance is expressed.

⁽⁵⁾ These values have to be reported starting at reference year 2021.

Table 6: Biomass supply for energy use

Reporting Year (X)		2023									
Specification	X-3					X-2					
	Indigenous production	Imports	Exports	Stock changes	Average net calorific value	Indigenous production	Imports	Exports	Stock changes	Average net calorific value	
	in 1000 m3 (1)	in 1000 m3 (1)	in 1000 m3 (1)	in 1000 m3 (1)	(TJ/1000 m3) (2)	in 1000 m3 (1)	in 1000 m3 (1)	in 1000 m3 (1)	in 1000 m3 (1)	(TJ/1000 m3) (2)	
	M ⁽⁶⁾	M ⁽⁶⁾	V	V	V	M	M	V	V	V	
(1) Forest biomass used for energy production	3 986,0	278,0	351,0	-73,0	11,6	4 018,0	282,0	343,0	-61,0	11,8	
(a) Primary biomass from forest	1 320,0	125,0	141	-16,0	9,5	1 260,0	117,0	118,0	-1,0	9,5	
(i) Branches and tree tops	495,0	0,0	0,0	0,0	9,5	455,0	0,0	0,0	0,0	9,5	
(ii) Stumps	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	
(iii) Roundwood	30,0	4,0	7,0	-3,0	9,5	27,0	3,0	5,0	-2,0	9,5	
(i) Industrial roundwood	184,0	35,0	41,0	-6,0	9,5	189,0	24,0	29,0	-5,0	9,5	
(ii) Fuelwood	611,0	86,0	93,0	-7,0	9,5	589,0	90,0	84,0	6,0	9,5	
(b) Forest-based industry co-products	1 955,0	106	125,0	-19,0	12,1	2 052,0	121,0	147,0	-26,0	12,0	
(i) Bark	90,0	0,0	0,0	0,0	12,0	85,0	0,0	0,0	0,0	12,0	
(ii) Chips, sawdust and other wood particles	1 380,0	106,0	125,0	-19,0	11,5	1 470,0	121,0	147,0	-26,0	11,5	
(iii) Black liquor and crude tall oil (tonnes)	485 000,0	0,0	0,0	0,0	13,4	497 000,0	0,0	0,0	0,0	13,4	
(c) Post-consumer wood	42,0	0,0	0,0	0,0	15,0	46,0	0,0	0,0	0,0	15,0	
(d) Processed wood-based fuel, produced from feedstocks not accounted under point (1)(a), (b) or (c):	469,0	0,0	0,0	0,0	9,5	451,0	0,0	0,0	0,0	9,5	
(i) Wood charcoal	12,0	5,0	8,0	-3	24,0	12,0	5,0	0,0	-3,0	24,0	
(ii) Wood pellets and wood briquettes	188,0	42,0	77,0	-35	18,5	197,0	39,0	70,0	-31,0	18,5	
(2) Agricultural biomass	36,0					48,0					
(a) Energy crops for electricity or heat (including short rotation coppice)	36,0				9,0	48,0				9,0	
(i) Of which: From food and feed feedstocks	0,0										
(b) Agricultural crop residues for electricity or heat	0,0										
(3) Organic waste biomass											
(a) Organic fraction of industrial waste											
(b) Organic fraction of municipal waste											
(c) Waste sludges											
For forest biomass: Description how these meet the land-use, land-use change and forestry (LULUCF) criteria of Article 29(7) of Directive (EU) 2018/2001 ⁽⁵⁾											
Relevant information, in case the evolution on bioenergy supply has an impact on the overall and sectoral trajectories for renewable energy from 2021 to 2030.	Energetické využívanie drevenej biomasy z lesných pozemkov má od roku 2016 klesajúcu tendenciu. Hlavným dôvodom je prijímanie legislatívnych obmedzení vo využívaní produkčného potenciálu lesov a reštrikcie v oblasti energetického využitia lesnej palivovej biomasy. Energetické využívanie lesnej biomasy je na 50 % jej využiteľného potenciálu. V dôsledku nižšieho využívania sa hromadia v lesoch nadmerné zásoby mŕtveho dreva a zvyšuje sa podiel prestárnutých lesných porastov so zníženou produkčnou schopnosťou a zhoršeným zdravotným stavom. Obmedzovanie využívania produkčného potenciálu znižuje ekonomickú efektívnosť lesného hospodárstva s negatívnym dopadom na kvalitu obhospodarovania lesov.										

Notation: X = reporting year; M = mandatory; V = voluntary

Notes:

(1) except 1b(iii) in tonne

(2) except 1b(iii) in TJ/tonne

(3) reporting mandatory if available

(4) reporting mandatory if applicable

(5) With per country or regional economic integration organisation of origin of the forest biomass, detailing whether the country or organisation is a Party to the Paris Agreement and:

it has submitted a nationally determined contribution (NDC) that includes the LULUCF sector;

it reports to the UNFCCC a national GHG emission inventory that includes the LULUCF sector or will start doing so by 2025 at the latest; or

it has national or sub-national laws in place, in accordance with Article 5 of the Paris Agreement, applicable in the area of harvest, to conserve and enhance carbon stocks and sinks, and provides evidence that reported LULUCF-sector emissions do not exceed removals.

(6) These values have to be reported starting at reference year 2021.

Table 7: Other national trajectories and objectives

Reporting Year (X)		2023							
Trajectory or objective	Description	Target ⁽¹⁾	Target year	Progress towards target/objective	Progress Indicator (if applicable) ⁽²⁾				
					Name of indicator to monitor progress ⁽³⁾	Unit	X-3	X-2	
M ₂₀₂₃	M ₂₀₂₃	M ₂₀₂₃	M ₂₀₂₃	M ₂₀₂₃	M ₂₀₂₃	M ₂₀₂₃	M ₂₀₂₃	M ₂₀₂₃	
	Renewable energy use in district heating								
	Renewable energy use in buildings								
	Renewable energy produced by cities								
	Renewable energy communities								
	Renewables self-consumers								
	Energy recovered from the sludge acquired through the treatment of wastewater								
	Other national objective and trajectory, including sectoral and long term - 1								
	Other national objective and trajectory, including sectoral and long term - 2								
	Other national objective and trajectory, including sectoral and long term - 3								
	Other national objective and trajectory, including sectoral and long term - 4								
	Other national objective and trajectory, including sectoral and long term - 5								
	Other national objective and trajectory, including sectoral and long term - 6								
	Other national objective and trajectory, including sectoral and long term - 7								
	Other national objective and trajectory, including sectoral and long term - 8								
	Other national objective and trajectory, including sectoral and long term - 9								
	Other national objective and trajectory, including sectoral and long term - 10								
	Other national objective and trajectory, including sectoral and long term - 11								
	Other national objective and trajectory, including sectoral and long term - 12								

<- Click the + button for additional rows

Notation: X = reporting year; M = mandatory; V = voluntary

Notes

Do not insert extra rows. Please use the rows available. If those are insufficient please contact the EEA at govreg@eea.europa.eu

(1) Can be quantitative or qualitative

(2) If the target/objective is quantifiable, Member States to provide an indication of progress, with the latest available information. Indicators for reporting are to be determined on the basis of national objectives or targets

(3) Member States to refer to a base year and value, as appropriate, if this aids in demonstrating progress.

Table 8 Assessment of the support for electricity from renewable sources pursuant to Article 6(4) of Directive (EU) 2018/2001

When applicable, provide information on the assessment of the support for electricity from renewable sources that Member States are to carry out pursuant to Article 6(4) of Directive (EU) 2018/2001 ⁽¹⁾	M _{iap}	
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Notation: M_{iap} = mandatory if applicable

Notes:

(1) Member States to include references to concerned policies and measures