



Brussels, XXX  
[...] (2025) XXX draft

ANNEXES 1 to 5

## ANNEXES

to the

### Commission Implementing Decision

**laying down rules for the application of Directive (EU) 2019/904 of the European Parliament and of the Council as regards the calculation, verification and reporting of data on recycled plastic content in single-use plastic beverage bottles, repealing Commission Implementing Decision (EU) X/X**

## ANNEX I

### **Formulas to calculate the proportion of recycled plastic content in PET bottles**

The proportion of recycled plastic content in PET bottles placed on the market as referred to in Article 2 shall be calculated by applying the following formula:

1.  $RC = R/W \times 100 \%$

Where:

RC means proportion of recycled plastic content in PET bottles placed on the market as referred to in Article 2

R means weight of recycled plastic used in PET bottles placed on the market as referred to in Article 4

W means weight of plastic used in PET bottles placed on the market as referred to in Article 3

As a PET bottle consists of its body, cap, lid, label and sleeve, if any, the weight of recycled plastic used in PET bottles shall be calculated by applying the following formula:

2.  $R = R_b + R_c + R_l$

Where:

R<sub>b</sub> means weight of recycled plastic used in the bodies of PET bottles placed on the market

R<sub>c</sub> means weight of recycled plastic used in the caps/lids of PET bottles placed on the market

R<sub>l</sub> means weight of recycled plastic used in the labels/sleeves of PET bottles placed on the market.

As a PET bottle consists of its body, cap, lid, label and sleeve, if any, the weight of plastic used in PET bottles shall be calculated by applying the following formula:

3.  $W = W_b + W_c + W_l$

Where:

W<sub>b</sub> means weight of plastic used in the bodies of PET bottles placed on the market

W<sub>c</sub> means weight of plastic used in the caps/lids of PET bottles placed on the market

W<sub>l</sub> means weight of plastic used in the labels/sleeves of PET bottles placed on the market.

If a Member State adjusts the weight of plastic used in PET bottles placed on the market in accordance with Article 3(2) and the weight of recycled plastic in PET bottles placed on the market in accordance with Article 4(2) to take account of exports or movements from other Member States of PET bottles, the following formulas shall be used:

4.  $R = R_{MS} - R_{out\_to\_other\_MS} - R_{exported}$

Where:

R\_MS means weight of recycled plastic used in PET bottles placed on the market in the Member State (including PET bottles that are imported or moved in from other Member States and PET bottles that are exported or moved out to other Member States after having been placed on the market in the Member State)

R\_out\_to\_other\_MS means weight of recycled plastic used in PET bottles moved out to other Member States after having been placed on the market in the Member State

R\_exported means weight of recycled plastic used in PET bottles that have been exported, i.e. moved out of the Union to third countries, after having been placed on the market in the Member State.

5.  $R_{MS} = R_{man\_in\_MS} + R_{in\_from\_other\_MS} + R_{imported}$

Where:

R\_man\_in\_MS means weight of recycled plastic used in PET bottles manufactured and placed on the market in the Member State

R\_in\_from\_other\_MS means weight of recycled plastic used in PET bottles moved in from other Member States and placed on the market in the Member State

R\_imported means weight of recycled plastic used in PET bottles that have been imported, i.e. moved into the Union from third countries, and placed on the market in the Member State

6.  $W = W_{MS} - W_{out\_to\_other\_MS} - W_{exported}$

Where:

W\_MS means weight of plastic used in PET bottles placed on the market in the Member State (including PET bottles that are imported or moved in from other Member States and PET bottles that are exported or moved out to other Member States after having been placed on the market in the Member State)

W\_out\_to\_other\_MS means weight of plastic used in PET bottles moved out to other Member States after having been placed on the market in the Member State

W\_exported means weight of plastic used in PET bottles that have been exported, i.e. moved out of the Union to third countries, after having been placed on the market in the Member State

7.  $W_{MS} = W_{man\_in\_MS} + W_{in\_from\_other\_MS} + W_{imported}$

Where:

W\_man\_in\_MS means weight of plastic used in PET bottles manufactured and placed on the market in the Member State

W\_in\_from\_other\_MS means weight of plastic used in PET bottles moved in from other Member States and placed on the market in the Member State

W\_imported means weight of plastic used in PET bottles that have been imported, i.e. moved into the Union from third countries, and placed on the market in the Member State

As a PET bottle consists of its body, cap, lid, label and sleeve, if any, the summands in formulas 4 to 7 shall be calculated by applying the following formulas:

8.  $R_x = R_{x_b} + R_{x_c} + R_{x_l}$

Where:

x is to be replaced by either 'MS', or 'man in MS', or 'in from other MS', or 'imported', or 'out to other MS', or 'exported'

R\_x means any of the summands on the right side of the equation in formulas 4 and 5

R\_x\_b means weight of recycled plastic used in the body of R\_x

R\_x\_c means weight of recycled plastic used in the cap/lid of R\_x

R\_x\_l means weight of recycled plastic used in the label/sleeve of R\_x

9.  $W_x = W_{x_b} + W_{x_c} + W_{x_l}$

Where:

x is to be replaced by either 'MS', or 'man in MS', or 'in from other MS', or 'imported', or 'out to other MS', or 'exported'

W\_x means any of the summands on the right side of the equation in formulas 6 and 7

W\_x\_b means weight of plastic used in the body of W\_x

W\_x\_c means weight of plastic used in the cap/lid of W\_x

W\_x\_l means weight of plastic used in the label/sleeve of W\_x

## ANNEX II

### FORMAT FOR THE REPORTING OF DATA

#### 1. Format for reporting of data calculated based on the methodology set out in Article 3

*Table 1*

**Weight of plastic used in PET bottles placed on the market calculated in accordance with Article 3 (in tonnes)**

		PET bottles	
<b>COUNTRY:</b>			
<b>REFERENCE YEAR:</b>			
<b>Weight of plastic used in PET bottles placed on the market in the Member State (1)</b>	[mandatory if not all of (2) W_man in MS, (3) W_in from other MS and (4) W_imported are reported ]		
<b>Weight of plastic used in PET bottles manufactured and placed on the market in the Member State (2)</b>	[mandatory if (1) W_MS is not reported ]		
<b>Weight of plastic used in PET bottles moved from other Member States and placed on the market (3)</b>	[mandatory if (1) W_MS is not reported ]		
<b>Weight of plastic used in PET bottles that have been imported and placed on the market (4)</b>	[mandatory if (1) W_MS is not reported ]		
<b>Weight of plastic used in PET bottles moved to other Member States after having been placed on the market in the Member State (5)</b>			
<b>Weight of plastic used in PET bottles that have been exported after having been placed on the market in the Member State (6)</b>			

<b>Weight of plastic used in PET bottles placed on the market adjusted (7)</b>			
<b>Notes:</b> <b>Dark shaded boxes: Reporting is voluntary</b> (1) Calculated in accordance with Article 3(1). W_MS (2) Calculated in accordance with Article 3(1). W_man in MS (3) Calculated in accordance with Article 3(1). W_in from other MS (4) Calculated in accordance with Article 3(1). W_imported (5) Calculated in accordance with Article 3(2). W_out to other MS (6) Calculated in accordance with Article 3(2). W_exported (7) Calculated in accordance with Article 3(2). W			

**2. Format for reporting of data calculated based on the methodology set out in Article 4**

*Table 2*

**Weight of recycled plastic used in PET bottles placed on the market calculated in accordance with Article 4 (in tonnes) and proportion of recycled plastic content (in percent)**

		PET bottles	
<b>COUNTRY:</b>			
<b>REFERENCE YEAR:</b>			
<b>Weight of recycled plastic used in PET bottles placed on the market in the Member State (1)</b>	[mandatory if not all of (2) R_man in MS, (3) R_in from other MS and (4) R_imported are reported ]		
<b>Weight of recycled plastic used in PET bottles manufactured and placed on the market in the Member State (2)</b>	[mandatory if (1) R_MS is not reported ]		
<b>Weight of recycled plastic used in PET bottles moved from other Member States and placed on the market (3)</b>	[mandatory if (1) R_MS is not reported ]		

<b>Weight of recycled plastic used in PET bottles that have been imported and placed on the market (4)</b>	[mandatory if (1) R_MS is not reported ]		
<b>Weight of recycled plastic used in PET bottles moved to other Member States after having been placed on the market in the Member State (5)</b>			
<b>Weight of recycled plastic used in PET bottles that have been exported after having been placed on the market in the Member State (6)</b>			
<b>Weight of recycled plastic used in PET bottles placed on the market adjusted (7)</b>			
<b>Proportion of recycled plastic content in PET bottles, expressed in percent (8)</b>			
<b>Notes:</b> <b>Dark shaded boxes: Reporting is voluntary</b> (1) Calculated in accordance with Article 4(1). R_MS (2) Calculated in accordance with Article 3(1). R_man in MS (3) Calculated in accordance with Article 4(2). R_in from other MS (4) Calculated in accordance with Article 4(2). R_imported (5) Calculated in accordance with Article 4(2). R_out to other MS (6) Calculated in accordance with Article 4(2). R_exported (7) Calculated in accordance with Article 4(2). R (8) Calculated in accordance with Article 2. RC			



## ANNEX III

### FORMAT FOR THE QUALITY CHECK REPORT

#### 1. GENERAL INFORMATION

1.1. Member State:	
1.2. Organisation submitting the data and the quality check report:	
1.3. Contact name:	
1.4. Contact email address:	
1.5. Contact phone number:	
1.6. Reference year:	
1.7. Delivery date/version:	
1.8. Link to data publication by the Member State (if any)	

#### 2. DESCRIPTION OF THE INSTITUTIONS INVOLVED IN THE DATA COLLECTION

Name of institution	Description of role and key responsibilities			

*(Add rows as appropriate)*

#### 3. DESCRIPTION OF METHODS USED

##### 3.1. Description of the scope of the calculation of recycled plastic content in PET bottles as transposed in national law

A description of the level at which attainment towards the target laid down in Article 6(5) point (a) of Directive (EU) 2019/904 is calculated. For example, the target might be mandatory requirements for each single PET bottle placed on the market, or as an average for PET bottles placed on the market by each economic operator, or as an average for PET bottles placed on the market in the Member State.

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*(Add rows as appropriate)*

##### 3.2. Methodologies and sources for the collection and compilation of data

A description of the methodologies and sources applied to collect and compile the data for all the tools used for data gathering.

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*(Add rows as appropriate)*

### 3.3. Additional assumptions

A description of any additional assumptions or adjustment factors that have been used for the calculation, the approach used for their estimation and any supporting evidence.

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*(Add rows as appropriate)*

## 4. DATA VERIFICATION AND CONTROL SYSTEM

### 4.1. Verification of data on the weight of plastic and of recycled plastic used in PET bottles

Verification and control procedures		Applied for data on the weight of plastic used in PET bottles placed on the market (yes/no)		Applied for data on the weight of recycled plastic used in PET bottles placed on the market (yes/no)	Additional comments, if relevant
Data completeness checks					
Cross-checks					
Time-series checks					
Audit checks					
Other (specify)					

### 4.2. Description of main factors affecting the accuracy of the data reported on PET bottles placed on the market and on recycled plastic used in PET bottles placed on the market

Potential factors affecting reliability of data		PET bottles placed on the market (yes/no)		Recycled plastic used in PET bottles placed on	Description of how the accuracy of data is affected	Description of the methodologies that have been applied to minimise the

				the market (yes/no)		impact of inaccurate data
Sampling errors (1) (e.g. coefficients of variation)						
Coverage errors (2) (e.g. de-minimis rules, regional coverage)						
Measurement errors (3) (e.g. measurement unit)						
Data collection test instruments (4) (e.g. testing of questionnaires)						
Processing errors (5) (e.g. identification of errors, correction of errors)						
Non-response errors (6)						
Model assumption errors (7)						
Other (please specify)						

**4.3. Explanation of the scope and validity of surveys to collect data on PET bottles placed on the market and recycled plastic used in PET bottles placed on the market**

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*(Add rows as appropriate)*

**4.4. Differences in the data reported for the previous reference years**

Significant methodological changes in the calculation method used for the current reference year in relation to the calculation method used for previous reference years, if any (in particular retrospective revisions, their nature and whether a break in the series has to be flagged for a certain year)

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*(Add rows as appropriate)*

**4.5. Explanation for the difference in tonnage**

This section shall be filled if the reported data shows a greater than 10 % variation in relation to the data submitted for the previous reference year.

Reasons for the difference or the underlying cause for the differences in the weight of PET bottles placed on the market or in the weight of recycled plastic used in PET bottles placed on the market.

Variations in the weight of plastic used in PET bottles placed on the market	Variation (%)	Main reason for variation

*(Add rows as appropriate)*

Variations in the weight of the recycled plastic used in PET bottles placed on the market	Variation (%)	Main reason for variation

*(Add rows as appropriate)*

**5. CONFIDENTIALITY**

Reasons for the request not to publish the reported data or certain information provided in this report, together with a list of the specific parts requested not to be published.

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*(Add rows as appropriate)*

**ANNEX IV**

**MODEL FORM FOR CERTIFICATES**

**Certificate of compliance with Commission Implementing Decision 2026/XXX**

The economic operator registered under the internal number XXX meets all the requirements laid down in Article 8 (4) of Commission Implementing Decision 2026/XXX on [...] at the sites listed in the registry of this verifier.

No evidence has been found of non-compliance with the rules laid down in Article 6 of Commission Implementing Decision 2026/XXX between xx/xx/20xx and xx/xx/20xx

Period of validity: [xx/xx/20xx – xx/xx/20xx]

Name of verifier:

Address of verifier:

[Signature of verifier]

## ANNEX V

### **Part A: Declaration related to recycled content to be filled at the point of origin of waste**

<b>1. Economic operator</b>	
1.1 Name:	
1.2 Headquarter's Address:	
1.3 Production site address:	
1.4 Date:	
<b>2. Material</b>	
2.1. Name or specification of material/Tradename:	
2.2. Country of origin:	
2.3. Commodity code used for import (if the material to which this declaration applies originates from import):	
2.4. Batch number:	
2.5. Total weight [in kg]:	
2.6. Weight of post-consumer plastic waste as defined in Article 1(2) of Commission Implementing Decision 2026/XX [in kg]:	
2.7. Percentage of post-consumer plastic waste as defined in Article 1(2) of Commission Implementing Decision 2026/XX [= ratio of 2.4 and 2.3]:	

### **Part B: Declaration related to recycled content to be filled by recyclers, converters, food business operators and importers for material to which Article 5(2) points (a) and (b) do NOT apply**

<b>1. Economic operator</b>	
1.1. Name:	

1.2. Headquarter's Address:	
1.3. Production site address:	
1.4. Date:	
<b>2. Material</b>	
2.1. Name or specification of material/Tradename:	
2.2.1 Has feedstock for this or previous steps of the supply chain been imported from third countries?	Yes <input type="checkbox"/> No <input type="checkbox"/>
2.2.2 If yes, from which third countries ?	<i>(add rows as appropriate)</i>
2.2.3 If yes, commodity codes used for imports:	<i>(add rows as appropriate)</i>
2.3. Batch number:	
2.4. Total weight [in kg]:	
2.5. Weight of material stemming from post-consumer plastic waste as defined in Article 1(2) and calculated in compliance with Article 6 of Commission Implementing Decision 2026/XX [in kg], for which all recycling steps (including sorting) have taken place in countries that are in scope of Article 1(1) of Commission Implementing Decision 2026/XX:	
2.6. Percentage of material stemming from post-consumer plastic waste as defined in Article 1(1) and calculated in compliance with Article 6 of Commission Implementing Decision 2025/XX, for which all recycling steps (including sorting) have taken place in countries that are in scope of Article 1(1) of Commission Implementing Decision 2026/XX [= ratio of 2.5 and 2.4]:	
<b>3. Recycling technologies</b>	
3.1. Recycling technologies that have been applied to the material	
Recycling technology:	Share of material resulting from this technology:
<i>(add rows as appropriate)</i>	

3.2. Is the material within the scope of Commission Regulation (EU) 2022/1616 of 15 September 2022 on recycled plastic materials and articles intended to come into contact with foods, and repealing Regulation (EC) No 282/2008 (OJ L 243, 20.9.2022, p. 3, ELI: <a href="http://data.europa.eu/eli/reg/2022/1616/oj">http://data.europa.eu/eli/reg/2022/1616/oj</a> ) ?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	If Yes: Present/actual recycled content as declared in the respective declaration of compliance pursuant to Annex III of Regulation (EU) 2022/1616:	
3.3. Is the material within the scope of Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food (OJ L 12, 15.1.2011, p. 1, ELI: <a href="http://data.europa.eu/eli/reg/2011/10/oj">http://data.europa.eu/eli/reg/2011/10/oj</a> )?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>4. Mass balance accounting</b>		
4.1. Has mass balance accounting been applied to the material at this or at previous stages?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.2. If yes, fill in the table below with the information on the certificate(s) of the economic operator(s) that have intervened in this (if applicable) or in the previous step of the supply chain that have been certified pursuant to Article 8(x) of Commission Implementing Decision XX		
Registry number of the economic operator(s) holding a certificate:	Identity of the verifier:	Certification valid until:
<i>(add rows as appropriate)</i>		

**Obligatory attachments:**

- Copy of the declaration of compliance pursuant to Regulation (EU) 2022/1616 or pursuant to Regulation (EU) No 10/2011, as applicable
- If mass balance accounting has been applied, copies of the certificate(s) of the economic operator(s) pursuant to Article 8(8) of Commission Implementing Decision XX.

**Part C: Declaration related to recycled content to be filled by recyclers, converters, food business operators and importers for material to which Article 5(2) point (a) or (b) applies (add-on to the respective declaration of compliance set out in Annex III to Regulation (EU) 2022/1616)**

<b>1. Economic operator</b>	
1.1. Name:	
1.2. Headquarter's Address:	
1.3. Production site address:	
1.4. Date:	
<b>2. Material</b>	
2.1 Batch number:	
2.2.1 Has feedstock for this or previous steps of the supply chain been imported from third countries?	Yes <input type="checkbox"/> No <input type="checkbox"/>
2.2.2. If yes, from which which third countries ?	
	<i>(add rows as appropriate)</i>
2.2.3 If yes, commodity codes used for imports:	
	<i>(add rows as appropriate)</i>
2.3. Total weight [in kg]:	
2.4. Weight of material stemming from post-consumer plastic waste as defined in Article 1(2) and calculated in compliance with Article 6 of Commission Implementing Decision 2026/XX [in kg], for which all recycling steps (including sorting) have taken place in countries that are in scope of Article 1(1) of Commission Implementing Decision 2026/XX:	
2.5. Percentage of material stemming from post-consumer plastic waste as defined in Article 1(2) and calculated in compliance with Article 6 of Commission Implementing Decision 2026/XX, for which all recycling steps (including sorting) have taken place in countries that are in scope of Article 1(1) of Commission Implementing Decision 2026/XX [= ratio of 2.4 and	

2.3]:	
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