



EUROPEAN
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ANNEX

ANNEX

to the

COMMISSION DELEGATED REGULATION (EU) .../...

**supplementing Regulation (EU) 2023/1114 of the European Parliament and of the
Council with regard to regulatory technical standards specifying the content,
methodologies and presentation of information in respect of sustainability indicators in
relation to adverse impacts on the climate and other environment-related adverse
impacts**

ANNEX

Template for the presentation of the information on principal adverse impacts on the climate and other environment-related adverse impacts in the crypto-asset white paper and on the website of a crypto-asset service provider

Table 1
Legend for Tables 2, 3 and 4

SYMBOL	DATA TYPE	DEFINITION
{DATEFORMAT}	ISO 8601 date format	Dates shall be indicated in the following format: YYYY-MM-DD.
{DECIMAL-n/m}	Decimal number of up to n digits in total of which up to m digits can be fraction digits	Numerical field for both positive and negative values. Decimal separator is ‘.’ (full stop); Negative numbers are prefixed with ‘-’ (minus); Values are rounded and not truncated.

Table 2

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content to be reported	Format and standards to be used
General information			

S.1	Name	Name reported in Annex II to Implementing Regulation (EU) 2024/xxx [C(2024) 6900] ¹ , Table 2, fields A.1, B.2 or C.1, Table 3, field A.1, or Table 4, or name of the crypto-asset service provider	Free alphanumerical text
S.2	Relevant legal entity identifier	Identifier referred to in Annex II to Implementing Regulation (EU) 2024/xxx [C(2024) 6900], Table 2, fields A.6 or A.7, B.7 or B.8 or C.6 or C.7, Table 3, fields A.7 and A.8 or Table 4, fields A.7 and A.8 or identifier of the crypto-asset service provider referred to in Article 1 of Delegated Regulation (EU) 2024/xxx [C(2024) 6904] ²	Free alphanumerical text
S.3	Name of the crypto-asset	Name of the crypto-asset, as reported in Annex II to Implementing Regulation (EU) 2024/xxx [C(2024) 6900], Table 2, field D.2, Table 3, field B.1, or Table 4, field B.1 where relevant	Free alphanumerical text
S.4	Consensus Mechanism	The consensus mechanism, as reported in Annex II to Implementing Regulation (EU) 2024/xxx [C(2024) 6900], Table 2, field H.4, Table 3, field E.4, or Table 4, field E.5, where relevant, including the information referred to in Article 6(1), point (b), of this Regulation.	Free alphanumerical text

¹ Commission Implementing Regulation (EU) 2024/xxx laying down implementing technical standards for the application of Regulation (EU) 2023/1114 of the European Parliament and of the Council with regard to forms, formats and templates for the crypto-asset white papers (JO L, xxx/xxx, ELI: xxx ,) [OP please insert reference to C(2024) 6900]

² Commission Delegated Regulation (EU) 2024/xxx supplementing Regulation (EU) 2023/1114 of the European Parliament and of the Council with regard to regulatory technical standards specifying the information to be included in an application for authorisation as a crypto-asset service provider (JO L, xxx/xxx, ELI: xxx ,) [OP please insert reference to C(2024) 6904]

S.5	Incentive Mechanisms and Applicable Fees	<p>Incentive mechanisms to secure transactions and any fees applicable, as reported in Annex II to Implementing Regulation (EU) 2024/xxx [C(2024) 6900], Table 2, field H.5, Table 3, field E.5 or Table 4, field E.6, where relevant.</p> <p>For persons drawing up a crypto-asset white paper pursuant to Articles 6, 19 or 51 of Regulation (EU) 2023/1114, the information may be provided by including a cross-reference to the aforementioned fields.</p>	Free alphanumerical text
S.6	Beginning of the period to which the disclosed information relates	Start date of the period covered by the disclosed information	{DATEFORMAT}
S.7	End of the period to which the disclosed information relates	End date of the period covered by the disclosed information	{DATEFORMAT}
Mandatory key indicator on energy consumption			
S.8	Energy consumption	Total amount of energy used for the validation of transactions and the maintenance of the integrity of the distributed ledger, expressed in kilowatt-hours per calendar year	Amount in kilowatt-hours (kWh) {DECIMAL-18/5}
Sources and methodologies			
S.9	Energy consumption	Sources and methodologies used in relation to the	Free alphanumerical text

	sources and methodologies	information reported in field S.8	
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Table 3

Supplementary information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content to be reported	Format and standards to be used
Supplementary key indicators on energy and GHG emissions			
S.10	Renewable energy consumption	Share of energy from renewable sources, used for the validation of transactions and the maintenance of the integrity of the distributed ledger, expressed as a percentage of the total amount of energy used per calendar year	Percentage {DECIMAL-11/10}
S.11	Energy intensity	Average amount of energy used per validated transaction	Amount in kWh {DECIMAL-18/5}
S.12	Scope 1 DLT GHG emissions – Controlled	Scope 1 GHG emissions per calendar year for the validation of transactions and the maintenance of the integrity of the distributed ledger	Amount in tonnes (t) carbon dioxide equivalent (CO ₂ e) {DECIMAL-18/5}
S.13	Scope 2 DLT GHG emissions – Purchased	Scope 2 GHG emissions, expressed in tCO ₂ e per calendar year for the validation of transactions and the maintenance of the integrity of the distributed ledger	Amount in tCO ₂ e {DECIMAL-18/5}

S.14	GHG intensity	Average GHG emissions (scope 1 and scope 2) per validated transaction	Amount in kilogram (kg) CO ₂ e (Tx) {DECIMAL-18/5}
Sources and methodologies			
S.15	Key energy sources and methodologies	Sources and methodologies used in relation to the information reported in fields S.10 and S.11	Free alphanumerical text
S.16	Key GHG sources and methodologies	Sources and methodologies used in relation to the information reported in fields S.12, S.13 and S.14	Free alphanumerical text

Table 4
Optional information on principal adverse impacts on the climate and on other environment-related adverse impacts of the consensus mechanism

N	Field	Content to be reported	Format and standards to be used
Optional indicators			
S.17	Energy mix	Description of the relative contributions of each different primary energy source used for the validation of transactions and the maintenance of the integrity of the distributed ledger, expressed as percentages	Percentage {DECIMAL-11/10}
S.18	Energy use reduction	Energy use reduction targets or commitments, expressed in absolute or relative reduction of energy use over one calendar year	Amount in kWh {DECIMAL-18/5} or Percentage {DECIMAL-11/10}

S.19	Carbon intensity	Carbon intensity of the energy used for the validation of transactions and the maintenance of the integrity of the distributed ledger	Amount in kgCO ₂ e per kWh {DECIMAL-18/5}
S.20	Scope 3 DLT GHG emissions - Value chain	Scope 3 GHG emissions for the validation of transactions and the maintenance of the integrity of the distributed ledger per calendar year	Amount in tCO ₂ e {DECIMAL-18/5}
S.21	GHG emissions reduction targets or commitments	GHG emissions reduction targets or commitments, expressed in terms of absolute or relative reduction in GHG emissions over one calendar year	Free alphanumerical text
S.22	Generation of waste electrical and electronic equipment (WEEE)	Total amount of WEEE generated for the validation of transactions and the maintenance of the integrity of the distributed ledger per calendar year	Amount in t {DECIMAL-18/5}
S.23	Non-recycled WEEE ratio	Share of the total amount of WEEE generated for the validation of transactions and the maintenance of the integrity of the distributed ledger, not recycled per calendar year	Percentage {DECIMAL-11/10}
S.24	Generation of hazardous waste	Total amount of hazardous waste generated for the validation of transactions and the maintenance of the integrity of the distributed ledger per calendar year	Amount in t {DECIMAL-18/5}
S.25	Generation of waste (all types)	Total amount of waste generated by the validation of transactions and the maintenance of the integrity of the	Amount in t {DECIMAL-18/5}

		distributed ledger	
S.26	Non-recycled waste ratio (all types)	Share of the total amount of waste generated for the validation of transactions and the maintenance of the integrity of the distributed ledger not recycled per calendar year	Percentage {DECIMAL-11/10}
S.27	Waste intensity (all types)	Total amount of waste generated per transaction validated	Amount in grams (g) per Tx {DECIMAL-18/5}
S.28	Waste reduction targets or commitments (all types)	Waste reduction targets or commitments, expressed in absolute or relative reduction in waste generation over one calendar year	Free alphanumerical text
S.29	Impact of the use of equipment on natural resources	Description of the impact on natural resources of the production, the use and the disposal of the devices of the DLT network nodes	Free alphanumerical text
S.30	Natural resources use reduction targets or commitments	Natural resources use reduction targets or commitments, expressed in absolute or relative reduction in use of natural resources over one calendar year	Free alphanumerical text
S.31	Water use	Total water consumption linked to the validation of transactions and the maintenance of the integrity of the distributed ledger, expressed in cubic meters	Amount in cubic meters {DECIMAL-18/5}
S.32	Non recycled water ratio	Share of the total water consumed not recycled and not reused linked to the validation of transactions and the	Percentage {DECIMAL-11/10}

		maintenance of the integrity of the distributed ledger per calendar year, expressed as a percentage	
Sources and methodologies			
S.33	Other energy sources and methodologies	Sources and methodologies used in relation to the information reported in fields S.17 and S.18	Free alphanumerical text
S.34	Other GHG sources and methodologies	Sources and methodologies used in relation to the information reported in fields S.19, S.20 and S.21	Free alphanumerical text
S.35	Waste sources and methodologies	Sources and methodologies used in relation to the information reported in fields S.22, S.23, S.24, S.25, S.26, S.27 and S.28	Free alphanumerical text
S.36	Natural resources sources and methodologies	Sources and methodologies used in relation to the information reported in fields S.29, S.30, S.31 and S.32	Free alphanumerical text