

The **MiCA Crypto Alliance** has prepared an ESG Factsheet with mandatory, supplementary and optional MiCA-compliant indicators for Kusama (KSM).

The **MiCA Crypto Alliance** enables L1 and L2 crypto asset projects, exchanges, and other CASPs to produce state-of-the-art, uniform, MiCA white papers and MiCA sustainability indicators, setting and following best practices.



Exchanges and other CASPs members of the Alliance receive a downloadable, multi-crypto asset file with sustainability indicators with values as the below.

### **Article 3(1) CDR 2025/422**

*"Information that crypto-asset service providers are to make publicly available on their website (...)  
It shall be in form of a downloadable file and presented in a way that is easy to read, with characters of readable size and a style of writing that facilitates its understanding and that facilitates comparisons"*

**Mandatory Information on principal adverse impacts on the climate**

N	Field	Content																
<b>General Information</b>																		
S.1	Name	Young Platform S.P.A.																
S.2	Relevant legal entity identifier	815600F1E30AAB016171																
S.3	Name of the crypto-asset	Kusama / KSM																
S.4	Consensus Mechanism	Proof of Stake (PoS)																
S.5	Incentive Mechanisms and Applicable Fees	<table border="1"> <tbody> <tr> <td>Token</td> <td>No</td> </tr> <tr> <td>Block Producer Rewards</td> <td>Yes</td> </tr> <tr> <td>Staking Rewards</td> <td>Yes</td> </tr> <tr> <td>Delegation Rewards</td> <td>Yes</td> </tr> <tr> <td>Tx Fees</td> <td>Yes</td> </tr> <tr> <td>Gas Fees</td> <td>Yes</td> </tr> <tr> <td>Tx Burn</td> <td>No</td> </tr> <tr> <td>Gov Rights</td> <td>Yes</td> </tr> </tbody> </table>	Token	No	Block Producer Rewards	Yes	Staking Rewards	Yes	Delegation Rewards	Yes	Tx Fees	Yes	Gas Fees	Yes	Tx Burn	No	Gov Rights	Yes
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S.6	Beginning of the period to which the disclosure relates	2026-01-01																
S.7	End of the period to which the disclosure relates	2026-06-15																
<b>Mandatory key indicator on energy consumption</b>																		
S.8	Energy consumption	232,956.52699 kWh per calendar year																

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<b>General Information</b>		
<b>Sources and methodologies</b>		
<b>S.9</b>	<b>Energy consumption sources and methodologies</b>	<p>Data provided by the MiCA Crypto Alliance as a third party, with no deviations from the calculation guidance of Commission Delegated Regulation (EU) 2025/422, Article 6(5). As the base layer is a decentralised network, estimates on individual node power draw are used.</p> <p>Full methodology available at:  <a href="http://www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting">www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting</a></p>

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

N	Field	Content
<b>Supplementary key indicators on energy and GHG emissions</b>		
S.10	Renewable energy consumption	38.7051154032%
S.11	Energy intensity	339.57485 kWh per transaction
S.12	Scope 1 DLT GHG emissions – controlled	0 t CO <sub>2</sub> eq per calendar year
S.13	Scope 2 DLT GHG emissions – purchased	71.39567 t CO <sub>2</sub> eq per calendar year
S.14	GHG intensity	104.07167 kg CO <sub>2</sub> eq per transaction
<b>Sources and methodologies</b>		
S.15	Key energy source and methodologies	Data provided by the MiCA Crypto Alliance as a third party, with no deviations from the calculation guidance of Commission Delegated Regulation (EU) 2025/422, Article 6(5). Full methodology available at: <a href="http://www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting">www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting</a>
S.16	Key GHG sources and methodologies	Data provided by the MiCA Crypto Alliance as a third party, with no deviations from the calculation guidance of Commission Delegated Regulation (EU) 2025/422, Article 6(5). Full methodology available at: <a href="http://www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting">www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting</a>

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

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<b>Optional Indicators</b>																										
<b>S.17</b>	<b>Energy mix</b>	<table border="1"> <thead> <tr> <th data-bbox="608 595 948 663">Energy source</th> <th data-bbox="948 595 1430 663">Percentage {DECIMAL-11/10}</th> </tr> </thead> <tbody> <tr> <td data-bbox="608 663 948 730">Bioenergy</td> <td data-bbox="948 663 1430 730">3.5320415925%</td> </tr> <tr> <td data-bbox="608 730 948 797">Coal</td> <td data-bbox="948 730 1430 797">15.7533348478%</td> </tr> <tr> <td data-bbox="608 797 948 864">Flared Methane</td> <td data-bbox="948 797 1430 864">0.0000000000%</td> </tr> <tr> <td data-bbox="608 864 948 931">Gas</td> <td data-bbox="948 864 1430 931">30.0871770363%</td> </tr> <tr> <td data-bbox="608 931 948 999">Hydro</td> <td data-bbox="948 931 1430 999">8.8980910877%</td> </tr> <tr> <td data-bbox="608 999 948 1066">Nuclear</td> <td data-bbox="948 999 1430 1066">12.7749015366%</td> </tr> <tr> <td data-bbox="608 1066 948 1133">Other Fossils</td> <td data-bbox="948 1066 1430 1133">2.6794711761%</td> </tr> <tr> <td data-bbox="608 1133 948 1200">Other Renewables</td> <td data-bbox="948 1133 1430 1200">0.4704282166%</td> </tr> <tr> <td data-bbox="608 1200 948 1267">Solar</td> <td data-bbox="948 1200 1430 1267">8.3448758486%</td> </tr> <tr> <td data-bbox="608 1267 948 1335">Vented Methane</td> <td data-bbox="948 1267 1430 1335">0.0000000000%</td> </tr> <tr> <td data-bbox="608 1335 948 1402">Wind</td> <td data-bbox="948 1335 1430 1402">17.4596786578%</td> </tr> </tbody> </table>	Energy source	Percentage {DECIMAL-11/10}	Bioenergy	3.5320415925%	Coal	15.7533348478%	Flared Methane	0.0000000000%	Gas	30.0871770363%	Hydro	8.8980910877%	Nuclear	12.7749015366%	Other Fossils	2.6794711761%	Other Renewables	0.4704282166%	Solar	8.3448758486%	Vented Methane	0.0000000000%	Wind	17.4596786578%
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<b>S.19</b>	<b>Carbon intensity</b>	0.30648 kg CO <sub>2</sub> eq per kWh																								
<b>S.22</b>	<b>Generation of waste electrical and electronic equipment (WEEE)</b>	0.90291 t per calendar year																								
<b>S.23</b>	<b>Non-recycled WEEE ratio</b>	62.2634880283%																								
<b>S.24</b>	<b>Generation of hazardous waste</b>	0.00045 t per calendar year																								

S.25	Generation of waste (all types)	0.90291 t per calendar year
S.26	Non-recycled waste ratio (all types)	62.2634880283%
S.27	Waste intensity (all types)	1,316.15407 g per transaction
S.29	Impact of the use of equipment on natural resources	Land use: 6,031.27275 m <sup>2</sup>
S.31	Water use	1,032.24474 m <sup>3</sup> per calendar year
S.32	Non-recycled water ratio	74.4051071740%
<b>Sources and methodologies</b>		
S.33	Other energy sources and methodologies	Data provided by the MiCA Crypto Alliance as a third party, with no deviations from the calculation guidance of Commission Delegated Regulation (EU) 2025/422, Article 6(5). Full methodology available at: <a href="https://www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting">www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting</a>
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S.35	Waste sources and methodologies	Data provided by the MiCA Crypto Alliance as a third party, with no deviations from the calculation guidance of Commission Delegated Regulation (EU) 2025/422, Article 6(5). As the base layer is a decentralised network, estimates on individual node weight, hazardous components and depreciation rate are used. Full methodology available at: <a href="https://www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting">www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting</a>

S.36	<b>Natural resources sources and methodologies</b>	Data provided by the MiCA Crypto Alliance as a third party, with no deviations from the calculation guidance of Commission Delegated Regulation (EU) 2025/422, Article 6(5). Usage of natural resources is approximated through land use metrics. Land use, water use and water recycling are calculated based on energy mix-specific estimates of purchased electricity land intensity, purchased electricity water intensity, and water recycling rates. Full methodology available at: <a href="https://www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting">www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting</a>
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