

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

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																
General Information																		
S.1	Name	Young Platform S.P.A.																
S.2	Relevant legal entity identifier	815600F1E30AAB016171																
S.3	Name of the crypto-asset	Stellar / XLM																
S.4	Consensus Mechanism	Stellar Consensus Protocol (SCP)																
S.5	Incentive Mechanisms and Applicable Fees	<table border="1" style="margin: auto; border-collapse: collapse;"> <tbody> <tr><td style="text-align: center;">Token</td><td style="text-align: center;">No</td></tr> <tr><td style="text-align: center;">Block Producer Rewards</td><td style="text-align: center;">No</td></tr> <tr><td style="text-align: center;">Staking Rewards</td><td style="text-align: center;">No</td></tr> <tr><td style="text-align: center;">Delegation Rewards</td><td style="text-align: center;">No</td></tr> <tr><td style="text-align: center;">Tx Fees</td><td style="text-align: center;">Yes</td></tr> <tr><td style="text-align: center;">Gas Fees</td><td style="text-align: center;">No</td></tr> <tr><td style="text-align: center;">Tx Burn</td><td style="text-align: center;">Yes</td></tr> <tr><td style="text-align: center;">Gov Rights</td><td style="text-align: center;">No</td></tr> </tbody> </table>	Token	No	Block Producer Rewards	No	Staking Rewards	No	Delegation Rewards	No	Tx Fees	Yes	Gas Fees	No	Tx Burn	Yes	Gov Rights	No
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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																
Mandatory key indicator on energy consumption																		
S.8	Energy consumption	298,591.77687 kWh per calendar year																

N	Field	Content
General Information		
Sources and methodologies		
S.9	Energy consumption sources and methodologies	<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: www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting</p>

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

N	Field	Content
Supplementary key indicators on energy and GHG emissions		
S.10	Renewable energy consumption	38.7415180288%
S.11	Energy intensity	0.00025 kWh per transaction
S.12	Scope 1 DLT GHG emissions – controlled	0 t CO ₂ eq per calendar year
S.13	Scope 2 DLT GHG emissions – purchased	91.38443 t CO ₂ eq per calendar year
S.14	GHG intensity	0.00008 kg CO ₂ eq per transaction
Sources and methodologies		
S.15	Key energy source and methodologies	<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).</p> <p>Full methodology available at: www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting</p>
S.16	Key GHG sources and methodologies	<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).</p> <p>Full methodology available at: www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting</p>

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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Optional Indicators																										
S.17	Energy mix	<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">3.5467255694%</td> </tr> <tr> <td data-bbox="608 730 948 797">Coal</td> <td data-bbox="948 730 1430 797">15.7022199554%</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">30.0955161308%</td> </tr> <tr> <td data-bbox="608 931 948 999">Hydro</td> <td data-bbox="948 931 1430 999">8.8819536439%</td> </tr> <tr> <td data-bbox="608 999 948 1066">Nuclear</td> <td data-bbox="948 999 1430 1066">12.7859550696%</td> </tr> <tr> <td data-bbox="608 1066 948 1133">Other Fossils</td> <td data-bbox="948 1066 1430 1133">2.6747908154%</td> </tr> <tr> <td data-bbox="608 1133 948 1200">Other Renewables</td> <td data-bbox="948 1133 1430 1200">0.4718253077%</td> </tr> <tr> <td data-bbox="608 1200 948 1267">Solar</td> <td data-bbox="948 1200 1430 1267">8.2867398675%</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">17.5542736403%</td> </tr> </tbody> </table>	Energy source	Percentage {DECIMAL-11/10}	Bioenergy	3.5467255694%	Coal	15.7022199554%	Flared Methane	0.0000000000%	Gas	30.0955161308%	Hydro	8.8819536439%	Nuclear	12.7859550696%	Other Fossils	2.6747908154%	Other Renewables	0.4718253077%	Solar	8.2867398675%	Vented Methane	0.0000000000%	Wind	17.5542736403%
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S.19	Carbon intensity	0.30605 kg CO ₂ eq per kWh																								
S.22	Generation of waste electrical and electronic equipment (WEEE)	0.15848 t per calendar year																								
S.23	Non-recycled WEEE ratio	62.2634880283%																								
S.24	Generation of hazardous waste	0.00008 t per calendar year																								

S.25	Generation of waste (all types)	0.15848 t per calendar year
S.26	Non-recycled waste ratio (all types)	62.2634880283%
S.27	Waste intensity (all types)	0.00013 g per transaction
S.29	Impact of the use of equipment on natural resources	Land use: 7,751.11248 m ²
S.31	Water use	1,326.31358 m ³ per calendar year
S.32	Non-recycled water ratio	74.4051071740%
Sources and methodologies		
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: www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting
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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: www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting

S.36	Natural resources 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). 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: www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting
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