

APRA ESG Data Sheet

ESG factsheet with mandatory, supplementary and optional MiCA-compliant indicator for APRA.



The **MiCA Crypto Alliance**, with the technical support from Exponential Science, has prepared an ESG Factsheet with mandatory, supplementary and optional MiCA-compliant indicators for APRA.

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	Apraemio Ltd.
S.2	Relevant legal entity identifier	Not available
S.3	Name of the crypto-asset	Apraemio
S.4	Consensus Mechanism	Not applicable as Apraemio is a token and therefore does not have a consensus mechanism. Apraemio runs on BNB Smart Chain, which uses a Proof of Stake (PoS) consensus mechanism.
S.5	Incentive Mechanisms and Applicable Fees	Not applicable as tokens do not have their own incentives to secure transactions. Rather, the base layer has its own incentive mechanisms and may request fees to realise transactions. Please refer to the website of each of the base layers for more details on the mechanisms in place.
S.6	Beginning of the period to which the disclosure relates	2025-01-01
S.7	End of the period to which the disclosure relates	2025-07-07
Mandatory key indicator on energy consumption		
S.8	Energy consumption	0.00038 kWh per calendar year
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:</p> <p>www.micacryptoalliance.com/methodologies</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	0.4268091121
S.11	Energy intensity	0.0000000239 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	0.0000001068 t CO ₂ eq per calendar year
S.14	GHG intensity	0.0000000064 kg CO ₂ eq per transaction
Sources and methodologies		
S.15	Key energy course & 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: https://www.micacryptoalliance.com/methodologies</p>
S.16	Key GHG sources & 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 : https://www.micacryptoalliance.com/methodologies</p>

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

N	Field	Content																								
Optional Indicators																										
S.17	Energy mix	<table><tr><th>Energy source</th><th>Percentage {DECIMAL-11/10}</th></tr><tr><td>Bioenergy</td><td>0.0324052682</td></tr><tr><td>Coal</td><td>0.1405488729</td></tr><tr><td>Flared Methane</td><td>0.0000000000</td></tr><tr><td>Gas</td><td>0.2753280037</td></tr><tr><td>Hydro</td><td>0.1064464869</td></tr><tr><td>Nuclear</td><td>0.1314452790</td></tr><tr><td>Other fossil</td><td>0.0258687323</td></tr><tr><td>Other Renewables</td><td>0.0029631553</td></tr><tr><td>Solar</td><td>0.1401146642</td></tr><tr><td>Vented Methane</td><td>0.0000000000</td></tr><tr><td>Wind</td><td>0.1448795375</td></tr></table>	Energy source	Percentage {DECIMAL-11/10}	Bioenergy	0.0324052682	Coal	0.1405488729	Flared Methane	0.0000000000	Gas	0.2753280037	Hydro	0.1064464869	Nuclear	0.1314452790	Other fossil	0.0258687323	Other Renewables	0.0029631553	Solar	0.1401146642	Vented Methane	0.0000000000	Wind	0.1448795375
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Wind	0.1448795375																									
S.19	Carbon intensity	0.28206 kg CO2eq per kWh																								
S.22	Generation of waste electrical and electronic equipment (WEEE)	0.0000000017 t per calendar year																								
S.23	Non-recycled WEEE ratio	0.6061947512																								
S.24	Generation of hazardous waste	0.0000000000 t per calendar year																								
S.25	Generation of waste (all types)	0.0000000017 t per calendar year																								
S.26	Non-recycled waste ratio (all types)	0.6061947512																								
S.27	Waste intensity (all types)	0.0000001079 g per transaction																								
S.29	Impact of the use of equipment on natural resources	Land use: 0.0000099187 m²																								
S.31	Water use	0.0000016446 m³ per calendar year																								
S.32	Non-recycled water ratio	0.7626571409																								

N	Field	Content
Sources and methodologies		
S.33	Other energy 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</p>
S.33	Other 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</p>
S.33	Waste 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).Estimates on individual node weight, hazardous components and depreciation rate are used.</p> <p>Full methodology available at: www.micacryptoalliance.com/methodologies</p>
S.33	Natural resources 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). 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</p>

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MiCA Crypto Alliance

The MiCA Crypto Alliance is a leading collaborative initiative simplifying regulatory compliance across the crypto industry. We provide verified sustainability data and write MiCA-compliant white papers to help token issuers, CASPs and crypto projects meet their disclosure obligations under MiCA.

This alliance focuses on standardising compliance efforts among its members, offering exclusive resources like sustainability indicators and white paper elaboration tools tailored to meet MiCA requirements. By leveraging the collective expertise of its members, the MiCA Crypto Alliance will help reduce the complexities and costs associated with compliance, while setting a high standard for transparency, market integrity, and consumer protection. For more details on joining the MiCA Crypto Alliance.

Visit: micacryptoalliance.com

Contact us: mica@dltscience.org

