

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

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	FalconX Limited																
S.2	Relevant legal entity identifier	984500F6A0762F9LA923																
S.3	Name of the crypto-asset	Bitcoin / BTC																
S.4	Consensus Mechanism	Proof of Work (PoW)																
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;">Yes</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;">No</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	Yes	Staking Rewards	No	Delegation Rewards	No	Tx Fees	Yes	Gas Fees	No	Tx Burn	No	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	2026-06-23																
Mandatory key indicator on energy consumption																		
S.8	Energy consumption	214,058,848,359.63700 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	36.6961530597%
S.11	Energy intensity	519.33919 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	70,183,219.19080 t CO ₂ eq per calendar year
S.14	GHG intensity	170.27512 kg CO ₂ eq per transaction
Sources and methodologies		
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: www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting
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: www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting

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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S.17	Energy mix	<table border="1"> <thead> <tr> <th>Energy source</th> <th>Percentage {DECIMAL-11/10}</th> </tr> </thead> <tbody> <tr> <td>Bioenergy</td> <td>1.3124000699%</td> </tr> <tr> <td>Coal</td> <td>19.4511083499%</td> </tr> <tr> <td>Flared Methane</td> <td>2.2495552213%</td> </tr> <tr> <td>Gas</td> <td>31.2984615294%</td> </tr> <tr> <td>Hydro</td> <td>18.6662430929%</td> </tr> <tr> <td>Nuclear</td> <td>8.9155009700%</td> </tr> <tr> <td>Other Fossils</td> <td>0.6855442818%</td> </tr> <tr> <td>Other Renewables</td> <td>0.4611459273%</td> </tr> <tr> <td>Solar</td> <td>6.0718848533%</td> </tr> <tr> <td>Vented Methane</td> <td>0.7036765878%</td> </tr> <tr> <td>Wind</td> <td>10.1844791163%</td> </tr> </tbody> </table>	Energy source	Percentage {DECIMAL-11/10}	Bioenergy	1.3124000699%	Coal	19.4511083499%	Flared Methane	2.2495552213%	Gas	31.2984615294%	Hydro	18.6662430929%	Nuclear	8.9155009700%	Other Fossils	0.6855442818%	Other Renewables	0.4611459273%	Solar	6.0718848533%	Vented Methane	0.7036765878%	Wind	10.1844791163%
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S.19	Carbon intensity	0.32787 kg CO ₂ eq per kWh																								
S.22	Generation of waste electrical and electronic equipment (WEEE)	28,594.73938 t per calendar year																								
S.23	Non-recycled WEEE ratio	64.9155518168%																								
S.24	Generation of hazardous waste	14.29737 t per calendar year																								

S.25	Generation of waste (all types)	28,594.73938 t per calendar year
S.26	Non-recycled waste ratio (all types)	64.9155518168%
S.27	Waste intensity (all types)	69.37517 g per transaction
S.29	Impact of the use of equipment on natural resources	Land use: 2,876,279,128.50383 m ²
S.31	Water use	636,931,539.57297 m ³ per calendar year
S.32	Non-recycled water ratio	72.6233489094%
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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