

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

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	Hashflow / HFT																
S.4	Consensus Mechanism	Not applicable as HFT is a token and therefore does not have a consensus mechanism.																
S.5	Incentive Mechanisms and Applicable Fees	<table border="1"> <tr> <td>Token</td> <td>Yes</td> </tr> <tr> <td>Block Producer Rewards</td> <td>N/A</td> </tr> <tr> <td>Staking Rewards</td> <td>N/A</td> </tr> <tr> <td>Delegation Rewards</td> <td>N/A</td> </tr> <tr> <td>Tx Fees</td> <td>N/A</td> </tr> <tr> <td>Gas Fees</td> <td>N/A</td> </tr> <tr> <td>Tx Burn</td> <td>N/A</td> </tr> <tr> <td>Gov Rights</td> <td>N/A</td> </tr> </table>	Token	Yes	Block Producer Rewards	N/A	Staking Rewards	N/A	Delegation Rewards	N/A	Tx Fees	N/A	Gas Fees	N/A	Tx Burn	N/A	Gov Rights	N/A
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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	42.68063 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	36.1398140122%
S.11	Energy intensity	0.00080 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	0.01379 t CO ₂ eq per calendar year
S.14	GHG intensity	0.00026 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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Optional Indicators																										
S.17	Energy mix	<table border="1" style="width: 100%; border-collapse: collapse;"> <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">3.4409699753%</td> </tr> <tr> <td data-bbox="608 730 948 797">Coal</td> <td data-bbox="948 730 1430 797">18.4440057926%</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">29.7773385792%</td> </tr> <tr> <td data-bbox="608 931 948 999">Hydro</td> <td data-bbox="948 931 1430 999">7.5069565259%</td> </tr> <tr> <td data-bbox="608 999 948 1066">Nuclear</td> <td data-bbox="948 999 1430 1066">13.3389010906%</td> </tr> <tr> <td data-bbox="608 1066 948 1133">Other Fossils</td> <td data-bbox="948 1066 1430 1133">2.2999405253%</td> </tr> <tr> <td data-bbox="608 1133 948 1200">Other Renewables</td> <td data-bbox="948 1133 1430 1200">0.3754769043%</td> </tr> <tr> <td data-bbox="608 1200 948 1267">Solar</td> <td data-bbox="948 1200 1430 1267">6.1727888062%</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">18.6436218006%</td> </tr> </tbody> </table>	Energy source	Percentage {DECIMAL-11/10}	Bioenergy	3.4409699753%	Coal	18.4440057926%	Flared Methane	0.0000000000%	Gas	29.7773385792%	Hydro	7.5069565259%	Nuclear	13.3389010906%	Other Fossils	2.2999405253%	Other Renewables	0.3754769043%	Solar	6.1727888062%	Vented Methane	0.0000000000%	Wind	18.6436218006%
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S.19	Carbon intensity	0.32312 kg CO ₂ eq per kWh																								
S.22	Generation of waste electrical and electronic equipment (WEEE)	0.00007 t per calendar year																								
S.23	Non-recycled WEEE ratio	59.8191890691%																								
S.24	Generation of hazardous waste	0.0000000339 t per calendar year																								

S.25	Generation of waste (all types)	0.00007 t per calendar year
S.26	Non-recycled waste ratio (all types)	59.8191890691%
S.27	Waste intensity (all types)	0.00128 g per transaction
S.29	Impact of the use of equipment on natural resources	Land use: 1.07099 m ²
S.31	Water use	0.18465 m ³ per calendar year
S.32	Non-recycled water ratio	70.5982288326%
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
S.34	Other 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
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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