

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

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	Helium / HNT																
S.4	Consensus Mechanism	Not applicable as HNT is a token and therefore does not have a consensus mechanism.																
S.5	Incentive Mechanisms and Applicable Fees	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="text-align: center;">Token</td> <td style="text-align: center;">Yes</td> </tr> <tr> <td style="text-align: center;">Block Producer Rewards</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="text-align: center;">Staking Rewards</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="text-align: center;">Delegation Rewards</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="text-align: center;">Tx Fees</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="text-align: center;">Gas Fees</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="text-align: center;">Tx Burn</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="text-align: center;">Gov Rights</td> <td style="text-align: center;">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	137.00655 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	39.5283417139%
S.11	Energy intensity	0.00001 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	0.04097 t CO ₂ eq per calendar year
S.14	GHG intensity	0.0000041618 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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S.17	Energy mix	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #0056b3; color: white;">Energy source</th> <th style="background-color: #0056b3; color: white;">Percentage {DECIMAL-11/10}</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Bioenergy</td> <td style="text-align: center;">3.8586563954%</td> </tr> <tr> <td style="text-align: center;">Coal</td> <td style="text-align: center;">13.8809046555%</td> </tr> <tr> <td style="text-align: center;">Flared Methane</td> <td style="text-align: center;">0.0000000000%</td> </tr> <tr> <td style="text-align: center;">Gas</td> <td style="text-align: center;">31.6913590690%</td> </tr> <tr> <td style="text-align: center;">Hydro</td> <td style="text-align: center;">8.1596606191%</td> </tr> <tr> <td style="text-align: center;">Nuclear</td> <td style="text-align: center;">12.1821142618%</td> </tr> <tr> <td style="text-align: center;">Other Fossils</td> <td style="text-align: center;">2.7172802999%</td> </tr> <tr> <td style="text-align: center;">Other Renewables</td> <td style="text-align: center;">0.5237244347%</td> </tr> <tr> <td style="text-align: center;">Solar</td> <td style="text-align: center;">7.7167203865%</td> </tr> <tr> <td style="text-align: center;">Vented Methane</td> <td style="text-align: center;">0.0000000000%</td> </tr> <tr> <td style="text-align: center;">Wind</td> <td style="text-align: center;">19.2695798782%</td> </tr> </tbody> </table>	Energy source	Percentage {DECIMAL-11/10}	Bioenergy	3.8586563954%	Coal	13.8809046555%	Flared Methane	0.0000000000%	Gas	31.6913590690%	Hydro	8.1596606191%	Nuclear	12.1821142618%	Other Fossils	2.7172802999%	Other Renewables	0.5237244347%	Solar	7.7167203865%	Vented Methane	0.0000000000%	Wind	19.2695798782%
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S.19	Carbon intensity	0.29904 kg CO ₂ eq per kWh																								
S.22	Generation of waste electrical and electronic equipment (WEEE)	0.00015 t per calendar year																								
S.23	Non-recycled WEEE ratio	60.5996412211%																								
S.24	Generation of hazardous waste	0.0000000767 t per calendar year																								

S.25	Generation of waste (all types)	0.00015 t per calendar year
S.26	Non-recycled waste ratio (all types)	60.5996412211%
S.27	Waste intensity (all types)	0.00002 g per transaction
S.29	Impact of the use of equipment on natural resources	Land use: 3.76964 m ²
S.31	Water use	0.63496 m ³ per calendar year
S.32	Non-recycled water ratio	74.7199924649%
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/mica-methodologies-for-standardized-sustainability-reporting</p>
S.34	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/mica-methodologies-for-standardized-sustainability-reporting</p>
S.35	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).</p> <p>As the base layer is a decentralised network, estimates on individual node weight, hazardous components and depreciation rate are used.</p> <p>Full methodology available at: www.micacryptoalliance.com/methodologies/mica-methodologies-for-standardized-sustainability-reporting</p>

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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