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

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"

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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	Arweave / AR
S.4	Consensus Mechanism	Proof of Access (PoA)
S.5	Incentive Mechanisms and Applicable Fees	Token: No Block Producer Rewards: Yes Staking Rewards: No Delegation Rewards: No Tx Fees: Yes Gas Fees: No Tx Burn: No Gov Rights: No
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	2026-09-21
Mandatory key indicator on energy consumption		
S.8	Energy consumption	691,345,694.10000 kWh per calendar year

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N	Field	Content
General Information		
Sources and methodologies		
S.9	**Energy consumption 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 power draw are used. Full methodology available at: www.micacryptoalliance.com/methodologies/esg

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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	33.9652852447%
S.11	Energy intensity	0.80004 kWh per transaction
S.12	Scope 1 DLT GHG emissions – controlled	0 t CO_2eq per calendar year
S.13	Scope 2 DLT GHG emissions – purchased	227,493.39960 t CO_2eq per calendar year
S.14	GHG intensity	0.26326 kg CO_2eq 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/esg
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/esg

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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	

Energy source	Percentage {DECIMAL-11/10}
Bioenergy	2.8419641419%
Coal	16.7689372703%
Flared Methane	0.0000000000%
Gas	32.2547039560%
Hydro	0.0851538599%
Nuclear	13.6673196966%
Other Fossils	3.3437538324%
Other Renewables	0.4471553503%
Solar	7.3726701015%
Vented Methane	0.0000000000%
Wind	14.7881096646%

N	Field	Content
S.19	Carbon intensity	0.32906 kg CO_2eq per kWh
S.22	Generation of waste electrical and electronic equipment (WEEE)	NaN t per calendar year
S.23	Non-recycled WEEE ratio	NaN%
S.24	Generation of hazardous waste	NaN t per calendar year

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S.25	Generation of waste (all types)	NaN t per calendar year
S.26	Non-recycled waste ratio (all types)	NaN%
S.27	Waste intensity (all types)	NaN g per transaction
S.29	Impact of the use of equipment on natural resources	Land use: 15,107,160.32000 m^2
S.31	Water use	2,686,696.14500 m^3 per calendar year
S.32	Non-recycled water ratio	72.9509698320%
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/esg
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/esg
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/esg
S.36	Natural resources	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

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	sources and methodologies	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/esg

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