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

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	Arbitrum / ARB
S.4	Consensus Mechanism	Optimistic Rollup
S.5	Incentive Mechanisms and Applicable Fees	Token: No Block Producer Rewards: Yes Staking Rewards: Yes Delegation Rewards: Yes Tx Fees: Yes Gas Fees: Yes Tx Burn: No Gov Rights: Yes
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	2026-09-23
Mandatory key indicator on energy consumption		
S.8	Energy consumption	340,075.64980 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	39.4178340585%
S.11	Energy intensity	0.00045 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	106.86410 t CO_2eq per calendar year
S.14	GHG intensity	0.00014 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	3.5022044085%
Coal	16.2130589619%
Flared Methane	0.0000000000%
Gas	30.1171987568%
Hydro	0.0526587687%
Nuclear	11.2201426336%
Other Fossils	3.0317655892%
Other Renewables	0.4105191608%
Solar	13.7004657004%
Vented Methane	0.0000000000%
Wind	16.5387679237%

N	Field	Content
S.19	Carbon intensity	0.31424 kg CO_2eq per kWh
S.22	Generation of waste electrical and electronic equipment (WEEE)	0.56059 t per calendar year
S.23	Non-recycled WEEE ratio	56.7176883633%
S.24	Generation of hazardous waste	0.00028 t per calendar year

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S.25	Generation of waste (all types)	0.56059 t per calendar year
S.26	Non-recycled waste ratio (all types)	56.7176883633%
S.27	Waste intensity (all types)	0.00075 g per transaction
S.29	Impact of the use of equipment on natural resources	Land use: 9,046.14551 m^2
S.31	Water use	1,433.54472 m^3 per calendar year
S.32	Non-recycled water ratio	62.6410251366%
	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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