Environmental impacts of crypto-assets

Disclosure pursuant to Regulation (EU) 2023/1114 (MiCA) and Delegated Regulation (EU) 2025/422

Company	**BITBLOCK d.o.o.**
Document type	MiCA environmental disclosure with RTS annex
Publication date	10.03.2026
Date of last review	10.03.2026

Relevant legal entity identifier (LEI): 9845006A6CAABE4C0347

Disclosure summary

- BITBLOCK d.o.o. provides a service of exchanging crypto-assets for funds through self-service devices (crypto ATMs), including buy and sell transactions for cash.
- The Company operates 11 devices manufactured by GENERAL BYTES: 3 BATMThree and 8 BATMFour.
- The disclosure focuses on the environmental impacts of the relevant consensus mechanisms of the supported crypto-assets.
- The operational consumption of its own ATM network is estimated at approximately 3,854.4 kWh annually at a typical power draw of 40 W per device.
- Annex A contains RTS indicators S.1-S.9 for all supported assets and S.10-S.16 where applicable.

Supported crypto-assets

Crypto-asset	Network / underlying platform	Consensus / status
BTC	Bitcoin	PoW
ETH	Ethereum	PoS
LTC	Litecoin	PoW
USDT (ERC-20)	Ethereum	Token
USDT (TRC-20)	TRON	Token
USDC	Ethereum	Token
TRX	TRON	PoS
XRP	XRPL	BFT
DOGE	Dogecoin	PoW
BNB	BNB Chain	PoS

1. Introduction

BITBLOCK d.o.o. provides a service of exchanging crypto-assets for funds through self-service devices (crypto ATMs), acting on its own account. Pursuant to Article 66 of Regulation (EU) 2023/1114 on markets in crypto-assets and Delegated Regulation (EU) 2025/422, the Company discloses information on the principal adverse impacts on the climate and other environmental impacts of the consensus mechanisms of the crypto-assets in relation to which it provides services.

2. Description of the service

The Company provides a service of exchanging crypto-assets for funds through crypto ATMs, including the purchase and sale of crypto-assets for cash. The Company does not issue crypto-assets, does not operate blockchain networks and does not conduct mining.

3. Operational ESG indicator of the crypto ATM network

According to the manufacturer GENERAL BYTES, the typical consumption of the BATMThree and BATMFour models is approximately 40 W per device, with a short-term peak load of up to approximately 130 W during banknote processing. This information is tracked separately from the MiCA RTS indicators relating to the consensus mechanism of the relevant crypto-asset.

Model	Number of devices	Estimated annual consumption
BATMThree	3	1,051.2 kWh
BATMFour	8	2,803.2 kWh
Total	11	3,854.4 kWh

4. Methodology and updating

The data in this document are based on the CCRI methodology, publicly available MiCA sustainability disclosures, crypto-asset white papers and other publicly available sources. Where complete data are not available, a best-efforts approach is applied, with sources and methodology stated. The document is reviewed at least annually and is updated without undue delay in the event of material changes.

Annex A- RTS sustainability tables by supported crypto-asset

The tables below contain the mandatory indicators S.1-S.9 for all supported crypto-assets and the additional indicators S.10-S.16 where the publicly available S.8 value exceeds 500,000 kWh annually.

Fields S.6 and S.7 indicate the reference period of the publicly available source used for the calculation or retrieval of the relevant indicators for each supported crypto-asset. As sources are not necessarily published for the same periods, S.6 and S.7 may differ across individual crypto-assets.

1. BTC

Indicator	Disclosure
S.1 Name	BITBLOCK d.o.o.
S.2 Relevant legal entity identifier	9845006A6CAABE4C0347
S.3 Name of the crypto-asset	Bitcoin
S.4 Consensus mechanism	Proof of Work (PoW)
S.5 Incentive mechanisms and applicable fees	PoW incentivises miners to secure the network by publishing blocks with verified transactions. The reward arises from the block reward and transaction fees, and dishonest behaviour entails the cost of the computing resources expended.
S.6 Start of period	2025-06-13
S.7 End of period	2025-06-26
S.8 Energy consumption	165002667937.21683 kWh annually
S.9 Sources and methodology	CCRI data; the indicators are estimates based on assumptions; offsetting is not included; the methodology and datasets are available through CCRI documentation.
S.10 Share of energy from renewable sources	32.409787343 %
S.11 Energy intensity	15.87815 kWh per validated transaction
S.12 Scope 1 DLT GHG emissions	0 tCO2e annually
S.13 Scope 2 DLT GHG emissions	67597922.60512 tCO2e annually
S.14 GHG intensity	6.5053 kgCO2e per validated transaction
S.15 Sources/methodology for energy	same as S.9
S.16 Sources/methodology for GHG	same as S.9

2. ETH

Indicator	Disclosure
S.1 Name	BITBLOCK d.o.o.
S.2 Relevant legal entity identifier	9845006A6CAABE4C0347
S.3 Name of the crypto-asset	Ethereum
S.4 Consensus mechanism	Proof of Stake (PoS)
S.5 Incentive mechanisms and applicable fees	PoS incentivises validators to secure the network by staking their own crypto-assets. Honest behaviour is rewarded through fees, while incorrect or malicious behaviour may lead to economic sanctions on the stake.
S.6 Start of period	2025-06-13
S.7 End of period	2025-06-26
S.8 Energy consumption	4177274.11513 kWh annually
S.9 Sources and methodology	CCRI data; the indicators are estimates based on assumptions; offsetting is not included; the methodology and datasets are available through CCRI documentation.
S.10 Share of energy from renewable sources	32.872342864 %
S.11 Energy intensity	0.00025 kWh per validated transaction
S.12 Scope 1 DLT GHG emissions	0 tCO2e annually
S.13 Scope 2 DLT GHG emissions	1293.3907 tCO2e annually
S.14 GHG intensity	0.00008 kgCO2e per validated transaction
S.15 Sources/methodology for energy	same as S.9
S.16 Sources/methodology for GHG	same as S.9

3. LTC

Indicator	Disclosure
S.1 Name	BITBLOCK d.o.o.
S.2 Relevant legal entity identifier	9845006A6CAABE4C0347
S.3 Name of the crypto-asset	Litecoin
S.4 Consensus mechanism	Proof of Work (PoW)
S.5 Incentive mechanisms and applicable fees	PoW incentivises miners to validate transactions and publish blocks. The reward arises from the block reward and transaction fees, while dishonest behaviour creates a direct cost of the resources expended.
S.6 Start of period	2025-06-13
S.7 End of period	2025-06-26

S.8 Energy consumption	3928690413.488 kWh annually
S.9 Sources and methodology	CCRI data; the indicators are estimates based on assumptions; offsetting is not included; the methodology and datasets are available through CCRI documentation.
S.10 Share of energy from renewable sources	31.202814417 %
S.11 Energy intensity	0.1701 kWh per validated transaction
S.12 Scope 1 DLT GHG emissions	0 tCO2e annually
S.13 Scope 2 DLT GHG emissions	1663914.80617 tCO2e annually
S.14 GHG intensity	0.07205 kgCO2e per validated transaction
S.15 Sources/methodology for energy	same as S.9
S.16 Sources/methodology for GHG	same as S.9

4. USDT (ERC-20)

Indicator	Disclosure
S.1 Name	BITBLOCK d.o.o.
S.2 Relevant legal entity identifier	9845006A6CAABE4C0347
S.3 Name of the crypto-asset	Tether (USDT)
S.4 Consensus mechanism	Token / No Consensus Algorithm
S.5 Incentive mechanisms and applicable fees	The token does not have its own consensus mechanism, but depends on one or more underlying crypto-networks. For this supported variant, the token is offered via the Ethereum network.
S.6 Start of period	2025-09-17
S.7 End of period	2025-09-30
S.8 Energy consumption	16976.6286 kWh annually
S.9 Sources and methodology	CCRI data; the indicators are estimates based on assumptions; offsetting is not included; the methodology and datasets are available through CCRI documentation.
Note for S.10-S.16	Additional indicators are not included in the mandatory minimum disclosure because the publicly available S.8 value does not exceed 500,000 kWh annually.

5. USDT (TRC-20)

Indicator	Disclosure
S.1 Name	BITBLOCK d.o.o.
S.2 Relevant legal entity identifier	9845006A6CAABE4C0347
S.3 Name of the crypto-asset	Tether (USDT)

S.4 Consensus mechanism	Token / No Consensus Algorithm
S.5 Incentive mechanisms and applicable fees	The token does not have its own consensus mechanism, but depends on one or more underlying crypto-networks. For this supported variant, the token is offered via the TRON network.
S.6 Start of period	2025-09-17
S.7 End of period	2025-09-30
S.8 Energy consumption	16976.6286 kWh annually
S.9 Sources and methodology	CCRI data; the indicators are estimates based on assumptions; offsetting is not included; the methodology and datasets are available through CCRI documentation.
Note for S.10-S.16	Additional indicators are not included in the mandatory minimum disclosure because the publicly available S.8 value does not exceed 500,000 kWh annually.

6. USDC

Indicator	Disclosure
S.1 Name	BITBLOCK d.o.o.
S.2 Relevant legal entity identifier	9845006A6CAABE4C0347
S.3 Name of the crypto-asset	USDC
S.4 Consensus mechanism	Token / No Consensus Algorithm
S.5 Incentive mechanisms and applicable fees	The token does not have its own consensus mechanism, but depends on one or more underlying crypto-networks. In this disclosure, USDC is treated as a token supported via the Ethereum network.
S.6 Start of period	2025-06-13
S.7 End of period	2025-06-26
S.8 Energy consumption	96320.43864 kWh annually
S.9 Sources and methodology	CCRI data; the indicators are estimates based on assumptions; offsetting is not included; the methodology and datasets are available through CCRI documentation.
Note for S.10-S.16	Additional indicators are not included in the mandatory minimum disclosure because the publicly available S.8 value does not exceed 500,000 kWh annually.

7. TRX

Indicator	Disclosure
S.1 Name	BITBLOCK d.o.o.
S.2 Relevant legal entity identifier	9845006A6CAABE4C0347
S.3 Name of the crypto-asset	TRON (for TRX)
S.4 Consensus mechanism	Proof of Stake (PoS)
S.5 Incentive mechanisms and applicable fees	PoS incentivises validators to secure the network by staking their own crypto-assets. Honest behaviour is rewarded through fees, while incorrect behaviour may lead to economic sanctions on the stake.
S.6 Start of period	2025-09-17
S.7 End of period	2025-09-30
S.8 Energy consumption	3378975.59814 kWh annually
S.9 Sources and methodology	CCRI data; the indicators are estimates based on assumptions; offsetting is not included; the methodology and datasets are available through CCRI documentation.
S.10 Share of energy from renewable sources	28.190234622 %
S.11 Energy intensity	0.00005 kWh per validated transaction
S.12 Scope 1 DLT GHG emissions	0 tCO2e annually
S.13 Scope 2 DLT GHG emissions	1358.61147 tCO2e annually
S.14 GHG intensity	0.00002 kgCO2e per validated transaction
S.15 Sources/methodology for energy	same as S.9
S.16 Sources/methodology for GHG	same as S.9

8. XRP

Indicator	Disclosure
S.1 Name	BITBLOCK d.o.o.
S.2 Relevant legal entity identifier	9845006A6CAABE4C0347
S.3 Name of the crypto-asset	XRPL (for XRP)
S.4 Consensus mechanism	Byzantine-Fault Tolerant (BFT)
S.5 Incentive mechanisms and applicable fees	The BFT mechanism secures the network through a predefined set of validators. Incentives may be monetary or institutional, and dishonest behaviour may lead to sanctions, removal from the validator set and reputational consequences.
S.6 Start of period	2025-06-13
S.7 End of period	2025-06-26
S.8 Energy consumption	476747.12925 kWh annually

S.9 Sources and methodology	CCRI data; the indicators are estimates based on assumptions; offsetting is not included; the methodology and datasets are available through CCRI documentation.
Note for S.10-S.16	Additional indicators are not included in the mandatory minimum disclosure because the publicly available S.8 value does not exceed 500,000 kWh annually.

9. DOGE

Indicator	Disclosure
S.1 Name	BITBLOCK d.o.o.
S.2 Relevant legal entity identifier	9845006A6CAABE4C0347
S.3 Name of the crypto-asset	Dogecoin
S.4 Consensus mechanism	Proof of Work (PoW)
S.5 Incentive mechanisms and applicable fees	PoW incentivises miners to secure the network by publishing blocks with verified transactions. The reward arises from the block reward and transaction fees, while malicious behaviour creates a cost of the resources expended.
S.6 Start of period	2025-06-13
S.7 End of period	2025-06-26
S.8 Energy consumption	8562992922.07591 kWh annually
S.9 Sources and methodology	CCRI data; the indicators are estimates based on assumptions; offsetting is not included; the methodology and datasets are available through CCRI documentation.
S.10 Share of energy from renewable sources	31.202814417 %
S.11 Energy intensity	0.61102 kWh per validated transaction
S.12 Scope 1 DLT GHG emissions	0 tCO2e annually
S.13 Scope 2 DLT GHG emissions	3626830.15992 tCO2e annually
S.14 GHG intensity	0.25877 kgCO2e per validated transaction
S.15 Sources/methodology for energy	same as S.9
S.16 Sources/methodology for GHG	same as S.9

10. BNB

Indicator	Disclosure
S.1 Name	BITBLOCK d.o.o.
S.2 Relevant legal entity identifier	9845006A6CAABE4C0347
S.3 Name of the crypto-asset	BNB Chain (for BNB)
S.4 Consensus mechanism	Proof of Stake (PoS)

S.5 Incentive mechanisms and applicable fees	PoS incentivises validators to secure the network by staking their own crypto-assets. Honest behaviour is rewarded through fees, while incorrect behaviour may lead to economic sanctions on the stake.
S.6 Start of period	2025-10-08
S.7 End of period	2025-10-21
S.8 Energy consumption	269175.59371 kWh annually
S.9 Sources and methodology	CCRI data; the indicators are estimates based on assumptions; offsetting is not included; the methodology and datasets are available through CCRI documentation.
Note for S.10-S.16	Additional indicators are not included in the mandatory minimum disclosure because the publicly available S.8 value does not exceed 500,000 kWh annually.

Note on sources

The values in this document were taken on a best-efforts basis from publicly available MiCA sustainability disclosures and related methodological publications. For tokens without their own consensus mechanism, the publicly available token-level disclosure corresponding to the supported variant of the instrument in the Company system is shown.