

## Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

General information       5.1     Name     Bullish Europe GmbH       5.2     Relevant legal entity identifier     2549008CBASK5Q680X12       5.3     Name of the cryptoasset     Ethereum       5.4     Consensus Mechanism     Proof of Stake (PoS) consensus mechanism       5.5     Incentive Mechanisms and     A Proof-of-Stake (PoS) consensus mechanism       Applicable Fees     incentivizes validators to secure the network and validate transactions by staking their own crypto-assets as collateral. Validators are selected to create new blocks based on the amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators are that discourages misconduct and ensures network integrity.       5.6     Beginning of the period to disclosure relates     2025-06-17       5.7     End of the period to which the disclosure relates     2025-06-30       5.8     Energy consumption (per year) in kWh     4246855.82986       5.9     Energy consumption sources and methodologies     Set arsumptions and thus represent estimates; methods/logy description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-ratings.com/dl/whitepaper-mica-methods/logy description or other market-based methodolog in sources in %	N	Field	Content	
S.1 Name Bullish Europe GmbH   S.2 Relevant legal entity identifier 2549008CBASKSQ680X12   S.3 Name of the cryptoasset Ethereum   S.4 Consensus Mechanism Proof of Stake (PoS)   S.5 Incentive Mechanisms and Applicable Fees A Proof-of-Stake (PoS)   Applicable Fees A Proof-of-Stake (PoS)   S.5 Incentive Mechanisms and Applicable Fees A Proof-of-Stake (PoS)   Applicable Fees A Proof-of-Stake (PoS)   S.6 Beginning of the period to which the disclosure relates Consent of the period to discourges misconduct and ensures network integrity.   S.6 Beginning of the period to which the disclosure relates 2025-06-17   Mandatory key indicator on energy consumption 2025-06-17   S.8 Energy consumption (per year) in kWh 2025-06-30   S.9 Energy consumption sources and methodologies Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica- methods-2024 and https://docs.mica.api.carbon- ratings.com. We do not account for any offsetting of energy consumption or other market-based mechanism as of today.   Supplementary key indicators on energy and GHG emissions 32.890961875   S.10 Renewable energy consumption (share of energy from renewable ge				
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S.10   Renewable energy consumption (share of energy from renewable generation resources) in %   32.890961875     S.11   Energy intensity (energy used per validated transaction) in kWh   0.00026     S.12   Scope 1 DLT GHG emissions – Controlled (per year) in t CO <sub>2</sub> eq   0		Supplementary key indi	-	
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renewable generation     resources) in %     S.11   Energy intensity     (energy used per validated     transaction) in kWh     S.12   Scope 1 DLT GHG emissions –     Controlled (per year) in t CO2eq	5.10			
resources) in %     S.11   Energy intensity (energy used per validated transaction) in kWh   0.00026     S.12   Scope 1 DLT GHG emissions – Controlled (per year) in t CO2eq   0				
S.11Energy intensity (energy used per validated transaction) in kWh0.00026S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0				
(energy used per validated transaction) in kWhS.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq	S.11	-	0.00026	
transaction) in kWhS.12Scope 1 DLT GHG emissions – Controlled (per year) in t CO2eq				
S.12 Scope 1 DLT GHG emissions – 0 Controlled (per year) in t CO <sub>2</sub> eq				
Controlled (per year) in t CO₂eq	S.12		0	
	S.13	Scope 2 DLT GHG emissions -	1313.91576	



	Purchased (per year) in t CO <sub>2</sub> eq			
S.14	GHG intensity (emissions per validated	0.00008		
	transaction) in kg CO <sub>2</sub> eq			
	Sources and methodologies			
S.15	Key energy sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica- methods-2024 and https://docs.mica.api.carbon- ratings.com. We do not account for any offsetting of energy consumption or other market-based mechanism as of today.		
S.16	Key GHG sources and methodologies	Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodology description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/dl/whitepaper-mica- methods-2024 and https://docs.mica.api.carbon- ratings.com. We do not account for any offsetting of energy consumption or other market-based mechanism as of today.		