

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

General information 5.1 Name BitStatete B.V. 5.2 Relevant legal entity identifier 7245009 PN 18D41TKJ 50 5.3 Name of the cryptoasset Ethereum 5.4 Consensus Mechanism Proof of Stake (PoS) 5.5 Incentive Mechanisms and Applicable Fees A Proof-of-Stake (PoS) consensus mechanism 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 act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity. 5.6 Beginning of the period to which the disclosure relates 2025-01-14 Mandatory key Indicator on energy consumption 5949767.3528 5.8 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/d/whitepaper-mica- market-based mechanism as of today. 5.10 Renewable energy consumption (share of energy from renewable generation resources) in % 0.00003<	Ν	Field	Content		
5.2 Relevant legal entity identifier 7245009 PN 18D4I1TKJ 50 5.3 Name of the cryptoasset Ethereum 5.4 Consensus Mechanisms and Applicable Fees Proof of Stake (PoS) consensus mechanism 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'. Tather than through computational power. If validators are to honestly, they earn rewards through transaction fees; however. malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity. 5.6 Beginning of the period to which the disclosure relates 2025-01-01 5.7 End of the period to which the disclosure relates 2025-01-14 5.8 Energy consumption (per year) in kWh 5949767.3528 5.9 Energy consumption sources and methodologies Data provided by CCRI; all indicators are based on a set of assumptions available at: https://carbon-ratings.com/d/l/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. 5.10 Renewable energy consumption (share of energy from renewable generation resources) in % 0.00033 5.11 Energy used per validated transaction) in kWh 0.000033 5.12 </th <td colspan="4"></td>					
5.3 Name of the cryptoasset Ethereum 5.4 Consensus Mechanism Proof of Stake (PoS) 5.5 Incentive Mechanisms and Applicable Fees A Proof of Stake (PoS) consensus mechanism 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 act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity. 5.6 Beginning of the period to which the disclosure relates 2025-01-14 5.7 End of the period to which the disclosure relates 2025-01-14 5.8 Energy consumption (per year) in kWh 5949767.3528 5.9 Energy consumption sources and methodologies Data provided by CCRI; all indicators are based on a set of assumptions available at: https://carbon-ratings.com/d/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. 5.10 Renewable energy consumption (share of energy from renewable generation resources) in % 0.00003 5.11 Energy intensity 0.00003 5.12 Scope 1 DLT GHG emissions - Control		Name	BitStaete B.V.		
5.4 Consensus Mechanism Proof of 5take (PoS) 5.5 Incentive Mechanisms and Applicable Fees A Proof-of-Stake (PoS) consensus mechanism 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 act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity. 5.6 Beginning of the period to which the disclosure relates 2025-01-01 5.7 End of the period to which the disclosure relates 2025-01-14 Sources and methodologies Sources and methodologies Sources and methodologies Supplementary key indicator on energy consumption Supplementary key indicators on energy 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 and BHG emissions 5 5.10 Renewable energy consumption (share of energy from renewable generation resources) in % 0.00033 5.11 Energy used per validated transaction) in kWh 0 5.12 Scope 1 DLT GHG emissions - Contro	S.2	Relevant legal entity identifier	7245009 PN 18D4I1TKJ 50		
5.4 Consensus Mechanism Proof of 5take (PoS) 5.5 Incentive Mechanisms and Applicable Fees A Proof-of-Stake (PoS) consensus mechanism 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 act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity. 5.6 Beginning of the period to which the disclosure relates 2025-01-01 5.7 End of the period to which the disclosure relates 2025-01-14 Sources and methodologies Sources and methodologies Sources and methodologies Supplementary key indicator on energy consumption Supplementary key indicators on energy 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 and BHG emissions 5 5.10 Renewable energy consumption (share of energy from renewable generation resources) in % 0.00033 5.11 Energy used per validated transaction) in kWh 0 5.12 Scope 1 DLT GHG emissions - Contro	S.3		Ethereum		
5.5 Incentive Mechanisms and Applicable Fees A Proof-of-Stake (PoS) consensus mechanism 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 honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity. 5.6 Beginning of the period to which the disclosure relates 2025-01-01 5.7 End of the period to which the disclosure relates 2025-01-01 Surces and methodologies Surces and methodologies Surces and methodologies Surces and 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. 5.10 Renewable energy consumption (share of energy from renewable generation resources) in % 0.00033 5.11 Energy intensity (energy used per validated transaction) in kWh 0.00033 5.12 Scope 1 DLT GHG emissions - Controlled (per year) in t CO, eq 0.0001			Proof of Stake (PoS)		
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 act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.5.6Beginning of the period to which the disclosure relates2025-01-015.7End of the period to which the disclosure relates2025-01-14Sources and methodologies5.8Energy consumption (per year) in kWh5949767.35285.9Energy consumption sources and methodologiesData 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/ld/whitepaper-mica- methods-2024 and https://docs.mica.api.carbon- ratings.com. We do not account for any offsetting of energy consumption (share of energy from renewable generation resources) in %31.5055748085.10Renewable energy consumption (share of energy from renewable generation resources) in %0.000335.11Energy intensity (energy used per validated transaction) in kWh0.000335.12Scope 2 DLT GHG emissions - Controlled (per year) in t CO ₂ eq0.00015.13Scope 2 DLT GHG emissions - Controlled (per year) in t CO ₂ eq1908.153435.14GHG intensity	S.5	Incentive Mechanisms and	A Proof-of-Stake (PoS) consensus mechanism		
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 act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.5.6Beginning of the period to which the disclosure relates2025-01-015.7End of the period to which the disclosure relates2025-01-145.8Energy consumption (per year) in kWh5949767.35285.9Energy consumption sources and methodologiesData provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodolog description and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/d/whitepaper-mica- methods-2024 and https://docs.mica.api.carbon- ratings.com5.10Renewable energy consumption (share of energy consumption (share of energy consumption (share of energy from renewable generation resources) in %0.000335.11Energy intensity (energy used per validated transaction) in kWh0.000335.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO;eq05.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO;eq05.14GHG intensity0.0001		Applicable Fees	incentivizes validators to secure the network		
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 act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.5.6Beginning of the period to which the disclosure relates2025-01-015.7End of the period to which the disclosure relates2025-01-14Sources and methodologiesSate methodologiesSupress and methodologiesSources and methodologiesSupress and methodologiesSupress and methodologiesSupress and methodologiesSupress and methodologiesData provided by CCRI; all indicators are based 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 emissions5.11Energy intensity (energy used per validated transaction) in KWh0.00033Supplementary key indicators - controlled (per year) in t CO ₂ eqCopenSupplementary key indicators on energy and GHG emissions - Controlled (per year) in t CO ₂ eqCopenSupp			and validate transactions by staking their own		
amount of cryptocurrency they hold and are willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.5.6Beginning of the period to which the disclosure relates2025-01-015.7End of the period to which the disclosure relates2025-01-14Mandatory key indicator on energy consumption5.8Energy consumption (per year) in kWh5949767.3528Sources and methodologiesSources and methodologiesSources and methodologiesSupplementary key indicators on energy consumptionStage 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/d/whitepaper-mica- methods-2024 and https://docs.mica.api.carbon- rating.com/d/whitepaper-mica- methods-2024 and https://docs.mica.api.carbon- ratings.com/d/whitepaper-mica- methods-2024 and https://docs.mica.api.carbon- ratin			crypto-assets as collateral. Validators are		
willing to 'stake', rather than through computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.5.6Beginning of the period to which the disclosure relates2025-01-015.7End of the period to which the disclosure relates2025-01-14Mandatory key indicator on energy consumptionSources and methodologiesSources and methodologiesSources and methodologiesSupplementary key indicator on energy consumption and overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/d/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.5.10Renewable energy consumption (share of energy from renewable generation resources in %31.5055748085.11Energy intensity (energy used per validated transaction) in kWh0.000335.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO ₂ eq0.0001					
computational power. If validators act honestly, they earn rewards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.5.6Beginning of the period to which the disclosure relates2025-01-015.7End of the period to which the disclosure relates2025-01-145.8Energy consumption (per year) in kWh5949767.3528Data provided by CCRI; all indicators are based on a set of assumptions and hus 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 of ther market-based mechanism as of today.5.10Renewable energy consumption (share of energy from renewable generation resources) in %31.5055748085.11Energy used per validated transaction) in kWh0.000335.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO ₂ eq05.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO ₂ eq0.0001					
they earn rewards through transaction fees; however, malicious behavior or proposing invaild blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.5.6Beginning of the period to which the disclosure relates2025-01-015.7End of the period to which the disclosure relates2025-01-14Mandatory key indicator on energy consumptionSupplementary key indicator on energy consumption5.8Energy consumption (per year) in kWh5949767.3528Data provided by CCRI; all indicators are based on a set of assumptions and thus represent estimates; methodologies5.9Energy consumption sources and methodologiesData provided by CCRI; all indicators are based overview of input data, external datasets and underlying assumptions available at: https://carbon-ratings.com/d//whitepaper-mica- methods-2024 and https://dos.mica.api.carbon- ratings.com. We do not account for any offsetting of energy consumption or other market-based mechanism as of today.5.10Renewable energy consumption (share of energy from renewable generation resources) in %0.000335.11Energy intensity (energy used per validated transaction) in kWh0.000335.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0.0001					
however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.5.6Beginning of the period to which the disclosure relates2025-01-015.7End of the period to which the disclosure relates2025-01-14Mandatory key indicators on energy consumptionSupersentation of the period to which the disclosure relatesMandatory key indicator on energy consumptionSupersentation on energy consumptionSupersentation on energy consumptionSupersentation on energy consumptionSupersentation on energy consumption sources and methodologiesData 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 emissions5.10Renewable energy consumption (share of energy from renewable generation resources) in %5.11Energy intensity (energy used per validated transaction) in kWh0.000335.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq05.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq0.0001					
Seeinvalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.S.6Beginning of the period to which the disclosure relates2025-01-01S.7End of the period to which the disclosure relates2025-01-14Mandatory key indicator on energy consumptionS.8Energy consumption (per year) in kWh5949767.3528Sources and methodologiesS.9Energy consumption sources and methodologiesData 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.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - COrzeq0S.13Scope 2 DLT GHG emissions - COrzeq1908.15343S.14GHG intensity0.0001					
staked assets, creating an economic penalty that discourages misconduct and ensures network integrity.5.6Beginning of the period to which the disclosure relates2025-01-015.7End of the period to which the disclosure relates2025-01-14Mandatory key indicator on energy consumption5.8Energy consumption (per year) in kWh5949767.3528Data 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 com/dl/whitepaper-mica- methods-2024 and 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.5.10Renewable energy consumption (share of energy from renewable generation resources) in %31.5055748085.11Energy intensity (energy used per validated transaction) in kWh0.000335.12Scope 1 DLT GHG emissions - CO ₂ eq05.13Scope 2 DLT GHG emissions - CO ₂ eq1908.153435.14GHG intensity0.0001					
S.6Beginning of the period to which the disclosure relates2025-01-01S.7End of the period to which the disclosure relates2025-01-14Mandatory key indicator on energy consumptionS.8Energy consumption (per year) in kWh5949767.3528S.9Energy consumption sources and methodologiesData 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.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - COntrolled (per year) in t CO2eq1908.15343S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343					
S.6Beginning of the period to which the disclosure relates2025-01-01S.7End of the period to which the disclosure relates2025-01-14Mandatory key indicator on energy consumptionS.8Energy consumption (per year) in kWh5949767.3528Sources and methodologiesS.9Energy consumption sources and methodologiesData 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 emissionsS.10Renewable energy consumption (share of energy from renewable generation resources) in %0.00033S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - COntrolled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001					
S.6 Beginning of the period to which the disclosure relates 2025-01-01 S.7 End of the period to which the disclosure relates 2025-01-14 Mandatory key indicator on energy consumption Sources and methodologies S.8 Energy consumption (per year) in kWh 5949767.3528 Sources and methodologies S.9 Energy consumption sources and 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/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/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 S.10 Renewable energy consumption (share of energy from renewable generation resources) in % 31.505574808 S.11 Energy intensity 0.00033 (energy used per validated transaction) in kWh 0 S.12 Scope 1 DLT GHG emissions - Controlled (per year) in t CO ₂ eq 1908.15343 S.14 GHG intensity 0.0001					
which the disclosure relatesS.7End of the period to which the disclosure relates2025-01-14S.8Energy consumption (per year) in kWh5949767.3528S.9Energy consumption sources and methodologiesData 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 commica.S.9Energy consumption sources and methodologiesData 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 acount for any offsetting of energy consumption or other market-based mechanism as of today.S.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - COntrolled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001	5.6	Beginning of the period to			
S.7 End of the period to which the disclosure relates 2025-01-14 Mandatory key indicator on energy consumption 5949767.3528 S.8 Energy consumption (per year) in kWh 5949767.3528 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/dl/whitepaper-mica-methods-2024	5.0		2023-01-01		
disclosure relates Mandatory key indicator on energy consumption 5.8 Energy consumption (per year) in kWh 5949767.3528 5.9 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/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-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-2024 and https://docs.mica.api.carbon-ratings.com/dl/whitepaper-mica-methods-2024 and https://secount for any offsetting of energy consumption or other market-based mechanism as of today. 5.10 Renewable energy consumption (share of energy from renewable generation resources) in % 31.505574808 5.11 Energy intensity (energy used per validated transaction) in kWh 0.00033 5.12 Scope 1 DLT GHG emissions - Controlled (per year) in t CO ₂ eq 0 5.13 Scope 2 DLT GHG emissions - Purchased (per year) in t CO ₂ eq 1908.15343 5.14 GHG intensity 0.0001	C 7		2025 01 14		
Mandatory key indicator on energy consumption 5.8 Energy consumption (per year) in kWh 5949767.3528 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/dl/whitepaper-mica-methods-2024 and https://docs.mica.api.carbon-rating	5.7		2023-01-14		
S.8Energy consumption (per year) in kWh5949767.3528Sources and methodologiesS.9Energy consumption sources and methodologiesData 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.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001			cator on energy consumption		
Superior in kWhSources and methodologiesS.9Energy consumption sources and methodologiesData 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.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq0S.14GHG intensity0.0001	5.8				
Sourcesand methodologiesS.9Energy consumption sources and methodologiesData 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.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy indensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001					
S.9Energy consumption sources and methodologiesData 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 (share of energy from renewable generation resources) in %SaleS.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq0S.14GHG intensity0.0001			and methodologies		
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.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001	S.9				
S.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq0S.14GHG intensity0.0001		and methodologies	on a set of assumptions and thus represent		
S.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq0.0001S.14GHG intensity 0.00010.0001					
bittps://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.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001					
S.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq0.0001					
S.10Renewable energy consumption (share of energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity 0.00010.0001					
Supplementary key indicators on energy and GHG emissionsS.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001					
market-based mechanism as of today.Supplementary key indicators on energy and GHG emissionsS.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001					
Supplementary key indicators on energy and GHG emissionsS.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001					
S.10Renewable energy consumption (share of energy from renewable generation resources) in %31.505574808S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001					
consumption (share of energy from renewable generation resources) in %0.00033S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001	5 10				
from renewable generation resources) in %0.00033S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001	5.10		51.505577000		
resources) in %0.00033S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001					
S.11Energy intensity (energy used per validated transaction) in kWh0.00033S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001					
(energy used per validated transaction) in kWhS.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001	S.11		0.00033		
transaction) in kWhS.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001					
S.12Scope 1 DLT GHG emissions - Controlled (per year) in t CO2eq0S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001					
Controlled (per year) in t CO2eq S.13 Scope 2 DLT GHG emissions - Purchased (per year) in t 1908.15343 CO2eq	S.12		0		
CO2eqS.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO2eq1908.15343S.14GHG intensity0.0001					
S.13Scope 2 DLT GHG emissions - Purchased (per year) in t CO₂eq1908.15343S.14GHG intensity0.0001					
Purchased (per year) in t CO₂eq0.0001S.14GHG intensity0.0001	S.13		1908.15343		
CO2eq S.14 GHG intensity 0.0001					
		CO ₂ eq			
	S.14		0.0001		
		(emissions per validated			
transaction) in kg CO ₂ 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.
5.16	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.