| s1_name | s2_legal_entity_identifier | s3_crypto_asset_name | s4_consensus_mechanism | s5_incentive_mechanism | s6_period_start | s7_period_end | s8_energy_consumption (kwh) | s9_related_sources | s10_renewable_energy_consumption (percentage share) | s11_energy_intensity (kwh) | s12_scope_1_ghg (t) | s13_scope_2_ghg (t) | s14_ghg_intensity (kg) | s15_key_energy_sources | s16_key_ghg_sources |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | 1inch | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 16,874130 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Aave | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 844,703260 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Algorand | Proof of Stake (PoS) | 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. | 2025-12-22 | 2026-01-04 | 1.178.964,876400 | 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. | 29,958862 | 0,000070 | 0 | 412,139790 | 0,000020 | 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. | 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. |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Arbitrum | Proof of Stake (PoS) | 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. | 2025-12-22 | 2026-01-04 | 2.561.785,578720 | 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. | 29,070000 | 0,000260 | 0 | 1.175,855380 | 0,000120 | 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. | 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. |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Avalanche | Proof of Stake (PoS) | 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. | 2025-12-22 | 2026-01-04 | 1.788.035,577650 | 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. | 32,367091 | 0,000130 | 0 | 574,654240 | 0,000040 | 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. | 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. |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Axie Infinity | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 11,187830 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Basic Attention | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 20,536230 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Bitcoin | Proof of Work (PoW) | A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior. | 2025-12-22 | 2026-01-04 | 175.961.964.055,197000 | 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. | 34,912905 | 5,878930 | 0 | 69.253.245,665380 | 2,313770 | 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. | 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. |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | BNB Chain | Proof of Stake (PoS) | 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. | 2025-12-22 | 2026-01-04 | 220.724,039890 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Cardano | Proof of Stake (PoS) | 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. | 2025-12-22 | 2026-01-04 | 501.924,410760 | 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. | 35,913954 | 0,000120 | 0 | 165,908180 | 0,000040 | 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. | 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. |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Chainlink | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 242,874240 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Chiliz | Proof of Stake (PoS) | 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. | 2025-12-22 | 2026-01-04 | 8.714,745850 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Cosmos | Byzantine-Fault Tolerant (BFT) | Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in | 2025-12-23 | 2026-01-05 | 653.366,308910 | 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. | 29,070000 | 0,000640 | 0 | 299,895140 | 0,000290 | 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. | 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. |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Curve DAO | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 235,372630 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Decentraland | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 27,311410 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Echelon Prime | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 7,790900 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Eigenlayer | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 66,236990 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Ethena | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 62,147050 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Ether.fi | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 25,779110 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Ethereum | Proof of Stake (PoS) | 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. | 2025-12-22 | 2026-01-04 | 3.985.838,304450 | 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. | 33,083629 | 0,000240 | 0 | 1.206,412830 | 0,000070 | 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. | 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. |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Gnosis | Byzantine-Fault Tolerant (BFT) | Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in | 2025-12-22 | 2026-01-04 | 1.703.288,221120 | 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. | 29,070000 | 0,000050 | 0 | 781,809290 | 0,000020 | 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. | 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. |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Immutable | Byzantine-Fault Tolerant (BFT) | Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in | 2025-12-22 | 2026-01-04 | 1.480.464,281540 | 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. | 29,070000 | 0,000040 | 0 | 679,533110 | 0,000020 | 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. | 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. |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Injective | Byzantine-Fault Tolerant (BFT) | Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing | 2025-12-23 | 2026-01-05 | 93.440,398640 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Lido DAO | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 362.498,574460 | 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. | 33,083616 | 0,012010 | 0 | 109,418810 | 0,003630 | 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. | 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. |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Litecoin | Proof of Work (PoW) | A Proof-of-Work (PoW) consensus mechanism incentivizes miners to secure the network by publishing updates to the ledger in the form of blocks, containing newly submitted and verified transactions. Miners compete to solve cryptographic puzzles, and the first to succeed earns newly minted crypto-assets (block reward) and user-paid transaction fees. Misconduct, such as attempting to add invalid blocks or rewrite the history of the ledger, results in wasted computational resources and opportunity costs, creating an economic penalty that discourages dishonest behavior. | 2025-12-22 | 2026-01-04 | 5.285.523.990,482410 | 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. | 34,912905 | 0,209350 | 0 | 2.080.220,537140 | 0,082390 | 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. | 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. |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Maker | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 15,847450 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Ondo | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 83,920940 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Pendle | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 106,790610 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Polkadot | Proof of Stake (PoS) | 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. | 2025-12-22 | 2026-01-04 | 1.032.382,994100 | 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. | 35,174058 | 0,000400 | 0 | 313,265170 | 0,000120 | 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. | 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. |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Polygon | Proof of Stake (PoS) | 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. | 2025-12-22 | 2026-01-04 | 241.837,116560 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Quant | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 29,004270 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Rocket Pool | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 8,310400 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | SKALE | Byzantine-Fault Tolerant (BFT) | Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing entity. Validators are incentivized to maintain the network's integrity through monetary rewards or external motivations, such as institutional trust or regulatory obligations. Malicious actions, such as submitting invalid transactions or failing to participate in | 2025-12-22 | 2026-01-04 | 1.029.433,688100 | 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. | 29,070000 | 0,000030 | 0 | 472,510060 | 0,000010 | 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. | 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. |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Sky | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 37,088600 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Solana | Proof of Stake (PoS) | 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. | 2025-12-22 | 2026-01-04 | 15.495.842,118610 | 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. | 35,284973 | 0,000010 | 0 | 4.827,655410 | 0 | 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. | 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. |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Stellar | Byzantine-Fault Tolerant (BFT) | Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing | 2025-12-22 | 2026-01-04 | 50.528,775690 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Synthetix Network | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 80,000530 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Tether | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 16.511,363300 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | The Graph | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 38,826440 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | The Sandbox | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 17,582010 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | UMA | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 17,207800 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | Uniswap | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 16.429,575120 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | USDC | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 112.151,165070 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | yearn.finance | Token / No Consensus Algorithm | Tokens do not have an own consensus mechanism, but rely on the consensus mechanism of one or multiple underlying crypto-asset networks. Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights. | 2025-12-22 | 2026-01-04 | 7,158300 | 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. | | | | | | | |
| Hauck Aufhäuser Digital Custody GmbH | 391200LACJ601I2ONV49 | ZetaChain | Byzantine-Fault Tolerant (BFT) | Byzantine-Fault-Tolerant (BFT) consensus mechanisms, such as Proof of Authority (PoA), Practical Byzantine Fault Tolerance (PBFT), Byzantine Agreement (BA) or similar mechanisms, secure the network through a predefined set of validators who are trusted to validate transactions and add blocks to the ledger. Unlike open networks where anyone can participate (as in Proof-of-Work or Proof-of-Stake), BFT and similar mechanisms operate with known and vetted participants, often selected by a governing | 2025-12-23 | 2026-01-05 | 95.540,010320 | 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. | | | | | | | |