

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

General Information 5.1 Name Bankhaus Scheich Wertpapierspezialist AG 5.2 Relevant legal entity identifier 54930079HjJJTMKTW637 5.3 Name of the cryptoasset Arbitrum 5.4 Consensus Mechanism Proof of Stake (PoS) 5.5 Incentive Mechanism 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 horeesty, they ear newards through transaction fees; however, malicious behavior or proposing invalid blocks can lead to a reduction of their staked assets, creating an economic penalty that discourse relates 5.6 Beginning of the period to which the disclosure relates 2025-01-13 5.9 Energy consumption four year) in kWh 2025-01-13 5.9 Energy consumption sources and methodologies Data 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/dl/whitepaper-mica- methods-2024 and https://docs.mica.api.carbon- rating.com.We do not account for any offsetting of energy consumption or other market-based mechanism as of today. <	Ν	Field	Content	
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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.