Sustainability Data Report

General Information

Entity Name: Socios Europe Services Limited

Asset Name: arsenal_fc

LEI Code: 984500EBA2E9980CDD80

Period: 2024-05-08 to 2025-05-08

Energy Data

Total Energy Consumption: 93.81055 Kwh

Renewable Energy Consumption: %

Energy Intensity: Kwh

Energy Consumption Sources and Methodologies:

Energy Note:
The energy consumption of this asset is aggregated across multiple components: To determine the energy consumption of a token, the energy consumption of the network(s) chiliz is calculated first. Based on the crypto asset's gas consumption per network, the share of the total consumption of the respective network that is assigned to this asset is defined. When calculating the energy consumption, we used - if available - the Functionally Fungible Group Digital Token Identifier (FFG DTI) to determine all implementations of the asset of question in scope and we update the mappings regulary, based on data of the Digital Token Identifier Foundation.

DLT GHG Emissions

Controlled Emissions: t

Purchased Emissions: t

GHG Intensity: Kg

GHG Sources and Methodologies:

Additional Information

Consensus Description:

The Chiliz Chain operates on a Proof of Staked Authority (PoSA) consensus model, a hybrid that combines Proof of Stake (PoS) and Proof of Authority (PoA) to secure the network through both economic and reputational incentives. Core Components: Proof of Staked Authority (PoSA) Validator Selection: Validators are selected based on their stake of CHZ tokens and their reputation within the network, enhancing security and trustworthiness. Collateral Requirement: Validators must lock a portion of CHZ as collateral, which can be slashed if they act maliciously or fail to meet network

standards, ensuring alignment with network security.

Incentive Structure:

Chiliz incentivizes validators and delegators to contribute to network security through rewards and transaction fees in CHZ. Incentive Mechanisms: Staking Rewards Validator Rewards: Validators earn CHZ tokens for validating transactions and maintaining network integrity. Delegator Rewards: CHZ holders who delegate their tokens to validators share in staking rewards, allowing passive participation in network security. Applicable Fees: Transaction Fees CHZ-Based Fees: Transaction fees are paid in CHZ and are distributed to validators as additional compensation, supporting validator incentives and covering network operational costs.