Hand4hand

A blockchain-based P2P mutual support Web3 platform

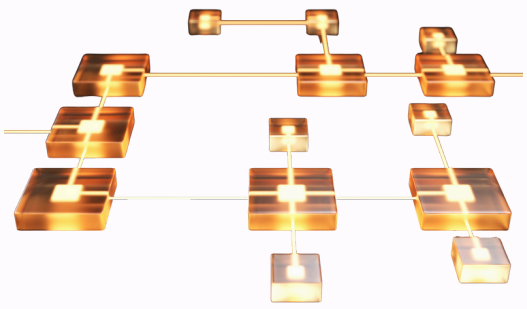
Abstract

Hand4Hand is a Web3 technology platform that facilitates voluntary peer-to-peer (P2P) donations thru non-custodial blockchain infrastructure. The system enables the organization of community participation under a 2×2 structure, ensuring transparency, traceability, and individual control of assets.
This document describes the architecture, operational functioning, guiding principles, technical limitations, and responsibilities associated with using the platform.

1. Introduction

The evolution of blockchain technology has enabled the creation of decentralized models for economic interaction among individuals. Hand4Hand emerges as an infrastructure designed to organize and visualize mutual support dynamics, eliminating financial intermediaries and granting direct control to participants.

This whitepaper aims to explain the operation of the Hand4Hand system in a clear, verifiable, and non-speculative manner, without financial promises or performance narratives.



2. System definition

Hand4Hand is a non-custodial Web3 platform that facilitates voluntary donations between individuals thru direct wallet-to-wallet transfers, validated on a public blockchain.

The platform:

- It does not manage funds.
- It does not hold assets in custody.
- It does not intervene in individual donation decisions.
- It acts exclusively as a provider of technological infrastructure.

3. Fundamental principles

The design and operation of Hand4Hand are governed by the following principles:

3.1 Voluntariness. All donations are free, informed, and non-mandatory.

3.2 Autonomy. Each participant decides when, how, and whom to support.

3.3 Active participation. The system's operation depends on community action and organization, not on financial automatisms.

4. Explicit exclusions

Hand4Hand **no**:

- It is an investment.
- It offers returns, interest, or financial benefits.
- Guaranties no returns of any kind.
- Operates as a bank, fund, exchange, or intermediary.
- Implements compensation plans, commissions, or economic hierarchies.

5. Technological architecture

5.1 Custody Model

Non-custodial: funds are transferred directly between wallets.
The user has exclusive control over their assets.

5.2 Supported Networks

USDT on Polygon.

5.3 Security

- Multi-factor authentication (MFA / OTP).
- Passkey.
- No private keys are stored by the platform.

6. Human Wallet

During registration, the system automatically assigns a Human Wallet, used exclusively to interact with the Hand4Hand infrastructure.

Features:

- It is non-custodial.
- The user is responsible for safeguarding credentials and access.
- Hand4Hand does not retain copies of keys or recover funds.

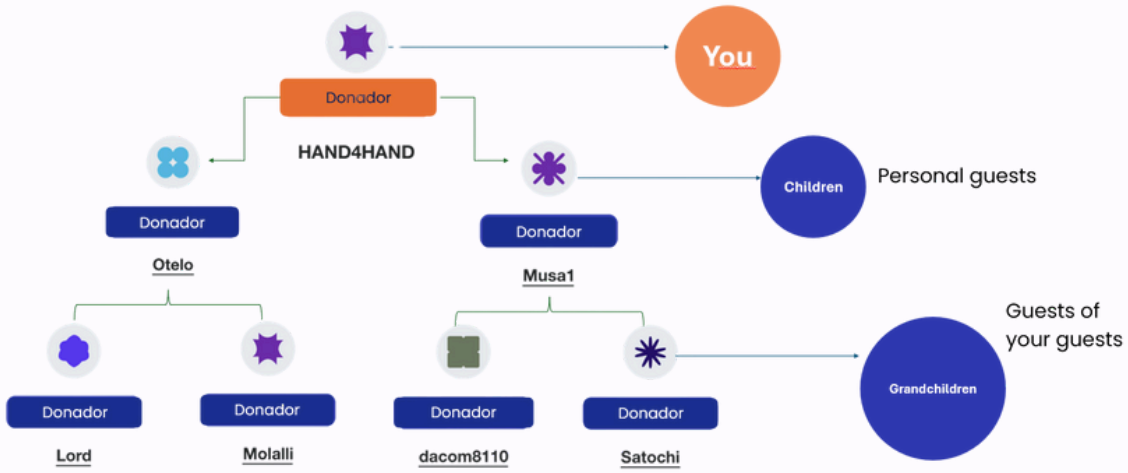
7. Community organization model (2×2)

Hand4Hand uses a 2×2 structure for the sole purpose of organizing community participation.

7.1 Composition

1 principal participant.
Two first-level participants.
4 participants at the second level.

Second-level donations are transferred directly to the main participant's wallet.



7.2 Nature of the Model

- It does not generate commissions.
- It does not assign fixed or reserved positions.
- It does not establish economic hierarchies.
- It depends on the actual participation of users.

8. Operating flow

8.1 Registration

- Email address and phone number.
- MFA activation.
- Human Wallet assignment.

8.2 Fiat-to-crypto conversion (external)

Stablecoin purchases are made off-platform thru third-party providers.

Hand4Hand does not process fiat payments or perform conversions.

8.3 Funding

Transfer from an external wallet to the user's Human Wallet.

8.4 Voluntary donation

- Wallet-to-wallet transfer.
- On-chain validation via hash.
- Irreversible operations.

9. Amounts and technology fee

Available donation amounts range from 10 to 5,000 USDT/USDC, depending on the current configuration.

All donations made within Hand4Hand are subject to a 10% technology fee, without exception.

The fee is used exclusively for the maintenance, operation, and improvement of the technological infrastructure.

9.1 Network fees

All transactions are subject to gas fees set by the blockchain network used.

These costs are neither controlled nor collected by Hand4Hand.

10. Technical limitations

- Transactions confirmed on the blockchain are final and irreversible.
- Confirmation times depend on the network.
- Hand4Hand cannot reverse, modify, or cancel transactions.
- Network, amount, or address errors are the user's responsibility.

11. Scope of technical support

Support is **limited to:**

- Use of the platform.
- Viewing structures.
- General operational guidance.

Support cannot:

- Recover wallets or access.
- Revert transactions.
- Intervene in external services.

12. User responsibilities

The user is responsible for:

- The security of your wallet and credentials.
- Understand the voluntary nature of the system.
- Comply with your tax obligations in accordance with your jurisdiction.
- Understand that there is no guaranty of return, repetition, or increase of donations.

13. Institutional statement

Hand4Hand is a peer-to-peer voluntary donation platform that is transparent and verifiable on the blockchain.

All donations are subject to a technology fee for infrastructure usage.

It does not offer or promise financial returns, nor does it manage, hold, or control users' funds.