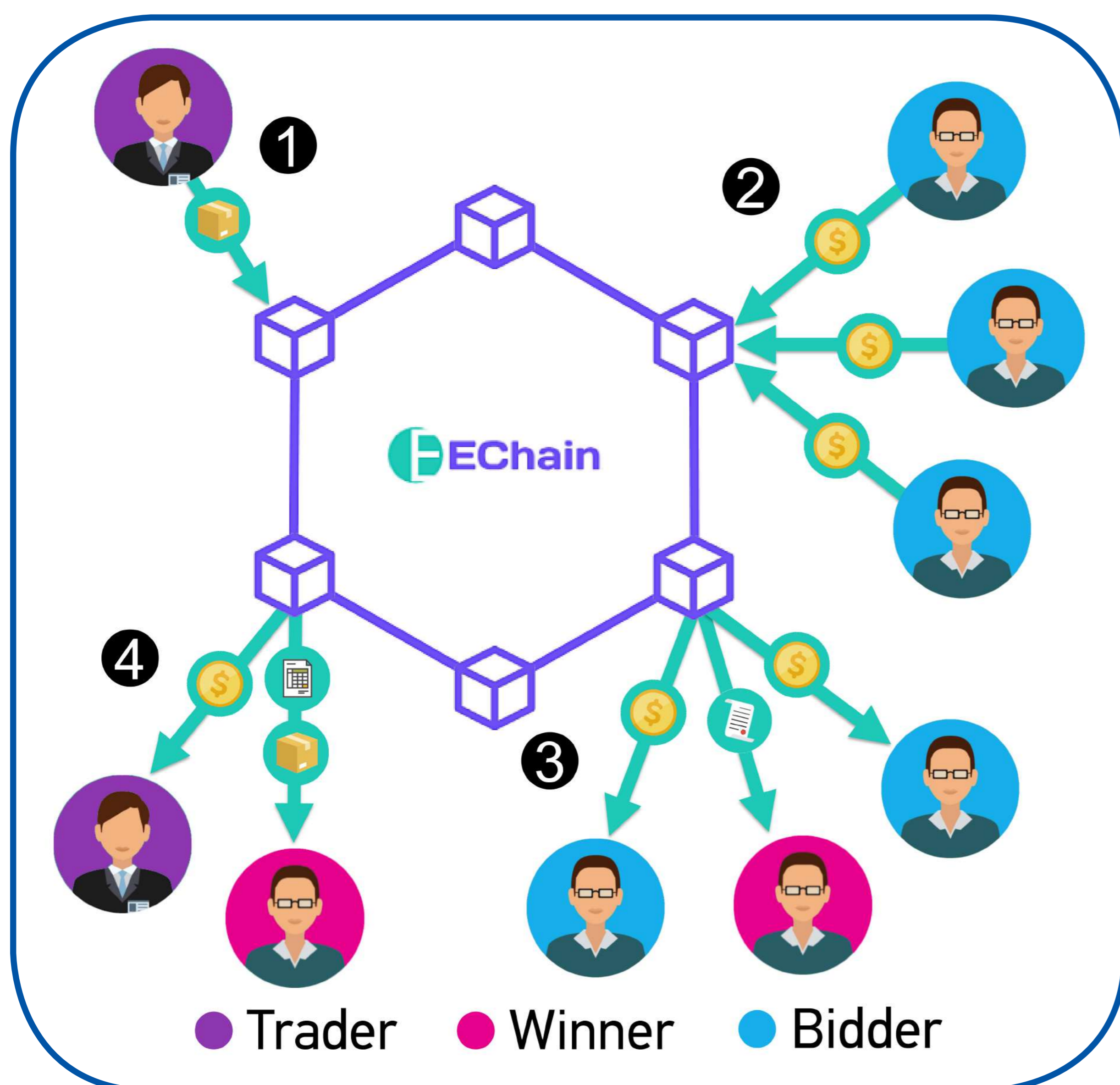


Private Marketplace on Blockchain

A decentralized e-commerce marketplace achieved using Blockchain is the optimum solution to overcome the flaws of a traditional marketplace. Current Blockchain marketplaces do not provide the highly popular auction function. This project introduces the automated auction function by implementing Smart Contract into the Blockchain private marketplace.



- 1 Trader posts product into the Blockchain for auction.
- 2 Bidders place their bids to participate in the auction.
- 3 The winner will form a smart contract with the trader while the rest will be refunded with their bids.
- 4 The trader and winner receive the payment and invoice respectively upon completing the order.

FUTURE DIRECTION

- One Decentralized Marketplace
- Single Sign-On (SSO)
- More Auction Mechanism
- Privacy Preserving

SYSTEM OVERVIEW

