



Crowdfunding Platform Sustainable Education

Welcome to the presentation of our innovative blockchain-based fundraising system for educational projects in disadvantaged areas.



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Project Overview



Objective

Automate Fundraising
monthly using the
blockchain technology.



Solution

A smart contract to run a test
fundraiser.



Benefits

Transparency, efficiency and safety in donations.

Key Contract Components



Total Balance

Keeps track of funds raised.



Objective

Amount to be reached for the collection.



Donor Counter

Number of people who contributed.

Roles and Responsibilities

Manager

Creates fundraiser and manages withdrawals. Has exclusive access to specific functions.

Donors

They can send Ether to the contract via the donation.



Donation Process

1

Sending Ether

The donor sends
Ether (ETH) to
smart contract.

2

Balance Update

The total balance in
Ether comes
updated.

3

Increase of the Count Donors

The number of donors
that they have
contributed with Ether
is increased.

100%



Goal Check

Automatic Control

After each donation, the contract check if the goal has been achieved.

Collection Closure

If the goal is achieved, the collection is automatically closed.

Notification

An event is fired to signal the completion of the collection.



Withdrawal of Funds

1

Check Completion

The manager checks whether the collection is completed.

2

Withdrawal Request

The manager performs the withdrawal function.

3

Transfer

The funds are transferred to the manager.

Security and Transparency



Limited Access

Only the manager can withdraw the funds.



Traceability

All transactions are recorded on the blockchain.

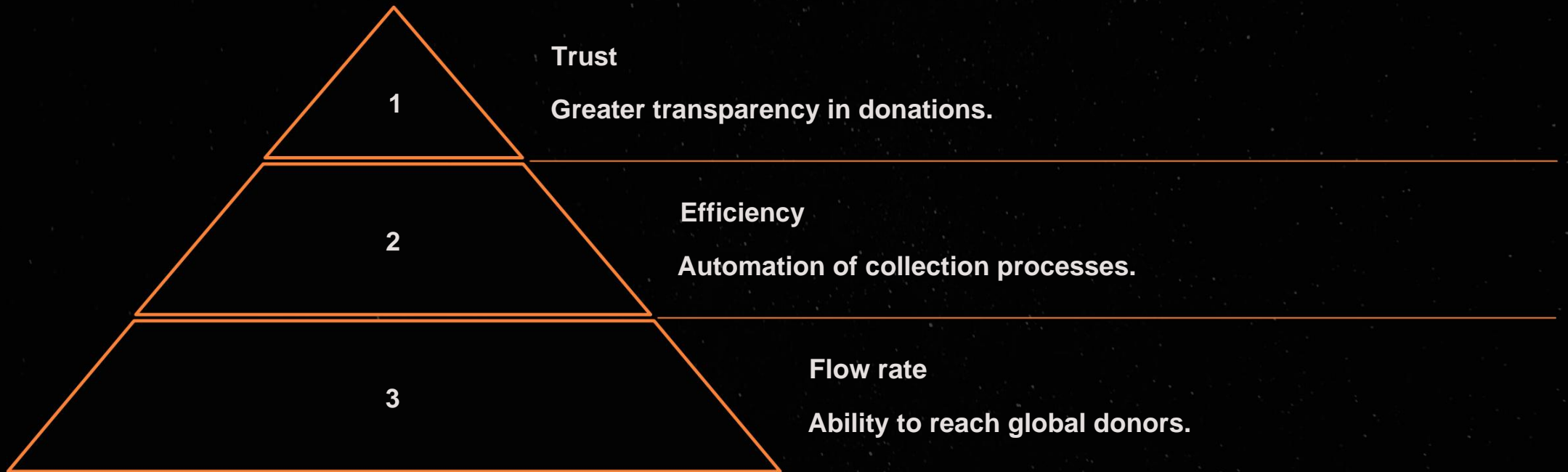


Automation

The rules of the contract are applied automatically.



Benefits for the Organization



Next Steps

1

Test

Conduct thorough contract testing.

2

Integration

Connect the contract to a user interface.

3

Launch

Launch your first fundraising campaign.