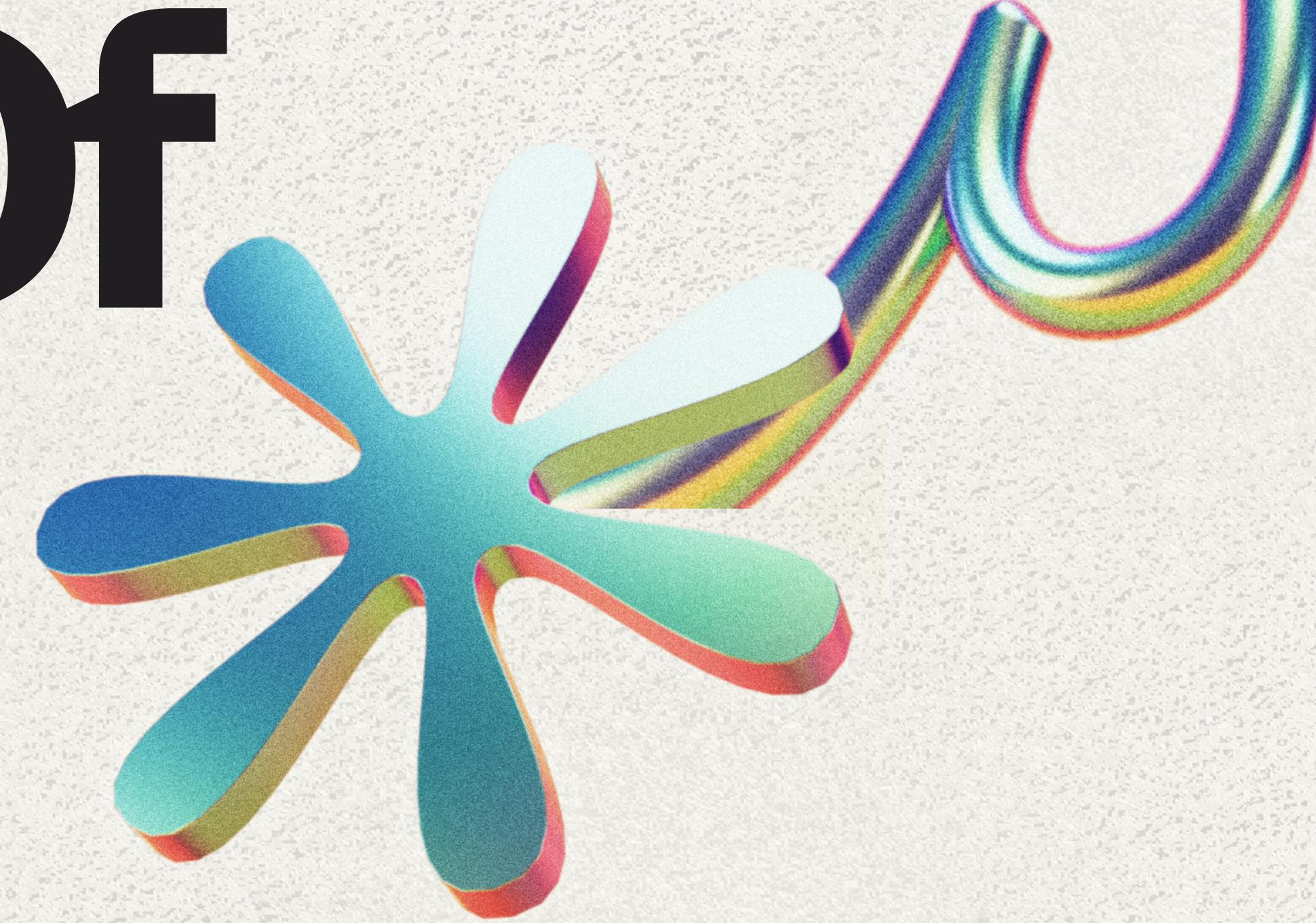


Proof Of Trash

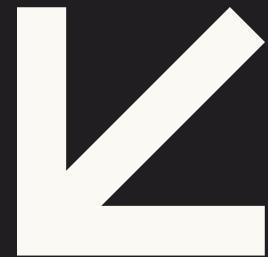


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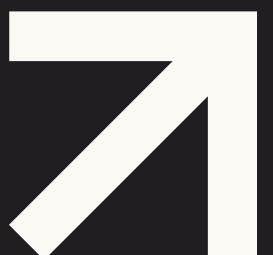
FOSTERING COMMUNITY
SUSTAINABILITY THROUGH
VECHAIN INITIATIVES.

THE BIG CHALLENGE



Waste management and plastics pollution a growing epidemic

About 8 million metric tons of plastic waste enter the oceans every year (Jambeck et al, 2015)



Bali

Indonesia is the world's No. 2 contributor to the plastic waste in the oceans, behind only China
Mongabay Series: Indonesian Fisheries



Why?

What is Causing the big challenge

1.

LIMITED INFRASTRUCTURE

Many areas around the world
are cannot support the volume

2.

LACK OF TRANSPARENCY AND ACCOUNTABILITY IN WASTE COLLECTION

Many are incentivized to dump
and burn illegally

3.

LIMITED ECONOMIC OPPORTUNITIES IN WASTE MANAGEMENT

Funding is limited in many
impoverished areas

What is proof of trash?

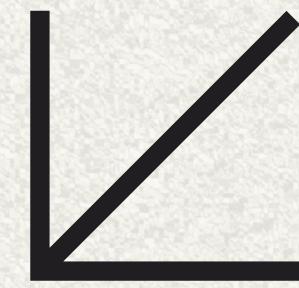


SOLUTION

Proof of Trash (PoT) is a VeChain dApp empowers communities to take charge of their waste management efforts. By incentivizing local participation, the platform fosters a sense of ownership and responsibility towards maintaining a clean and sustainable environment.

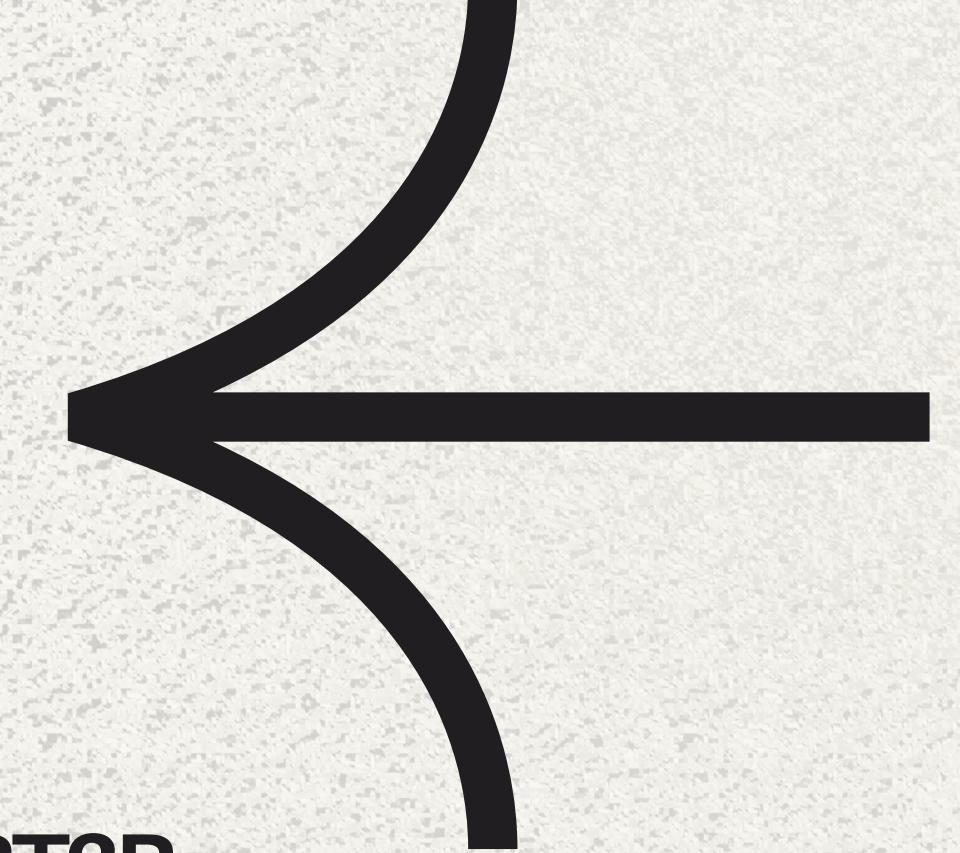
PoT Consists of a number of components:

- The PoT app with Ai Camera technology which interfaces with the blockchain
- IoT drop off validation hardware
- Individual collectors
- People who create collection locations and validate drops offs
- Transporters
- Final Processing locations



Create sustainability through community empowerment and incentivization, utilizing blockchain and enterprising initiatives

SOLUTION



COMMUNITY INCENTIVIZATION THROUGH BT3R

- **Waste collectors** - incentivized for collections with tokens, when items collected and delivered to processing
- **Collection location Hosts** - incentivized to host create the locations and validations of drop offs
- **Transporters**- People who transport waste to processing are incentivized for transportation



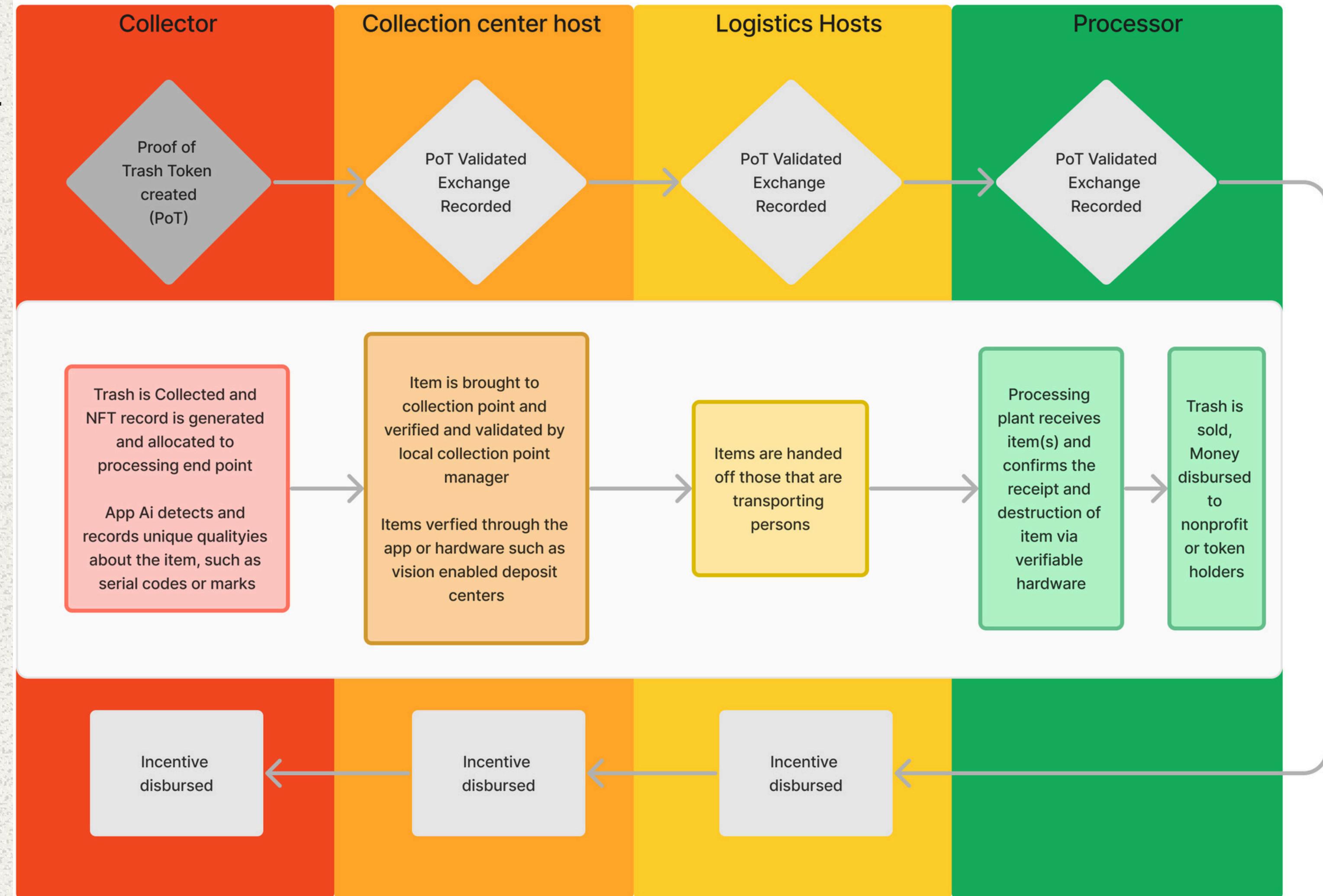
How

1. Collector uses PoT to record refuse collection, NFT is created

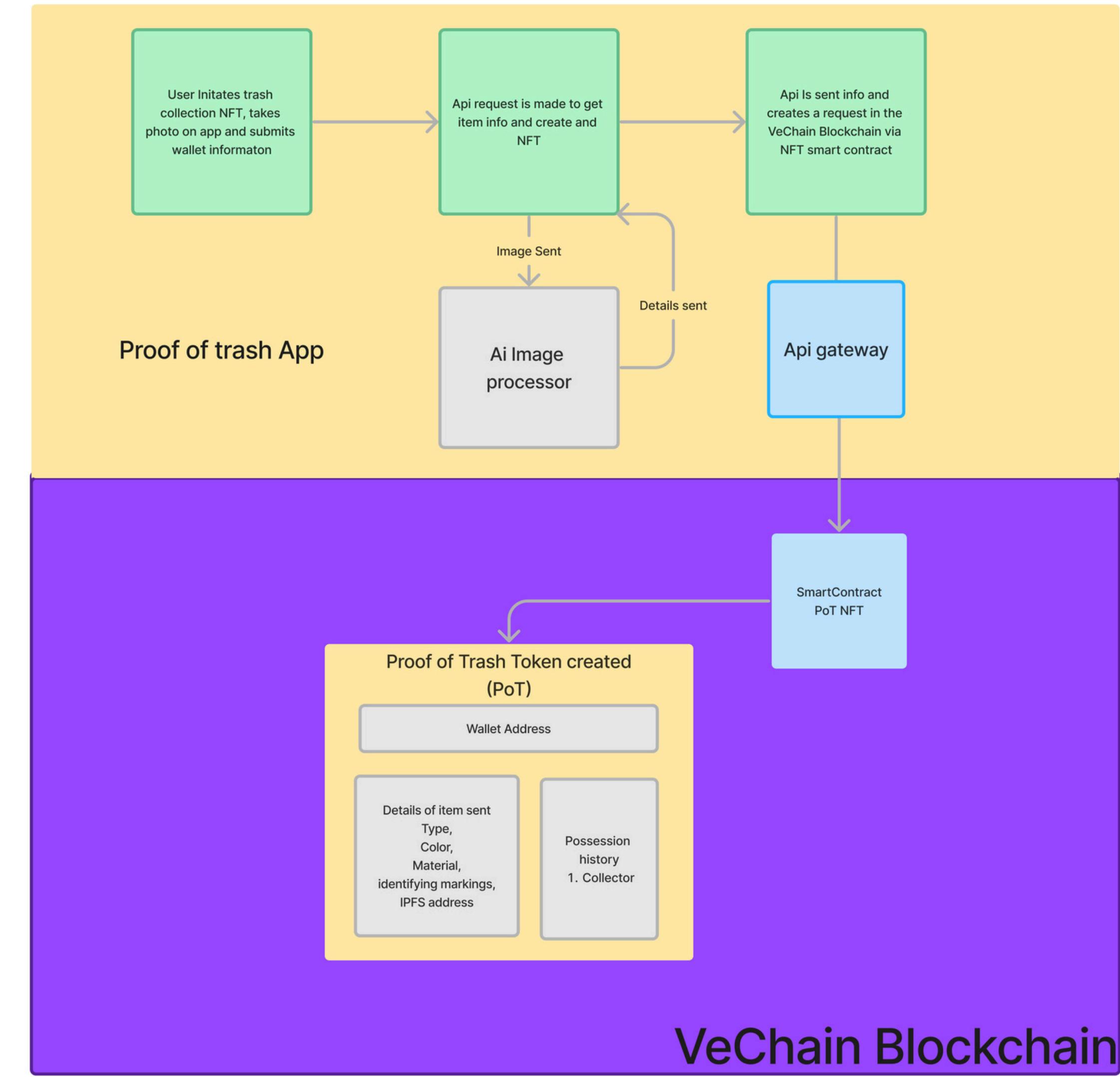
2. Trash is brought to collection point and validated

3. Ownership is transferred to transporter

4. When refuse is dropped off at the processor, all parties are disbursed BT3R Token incentive

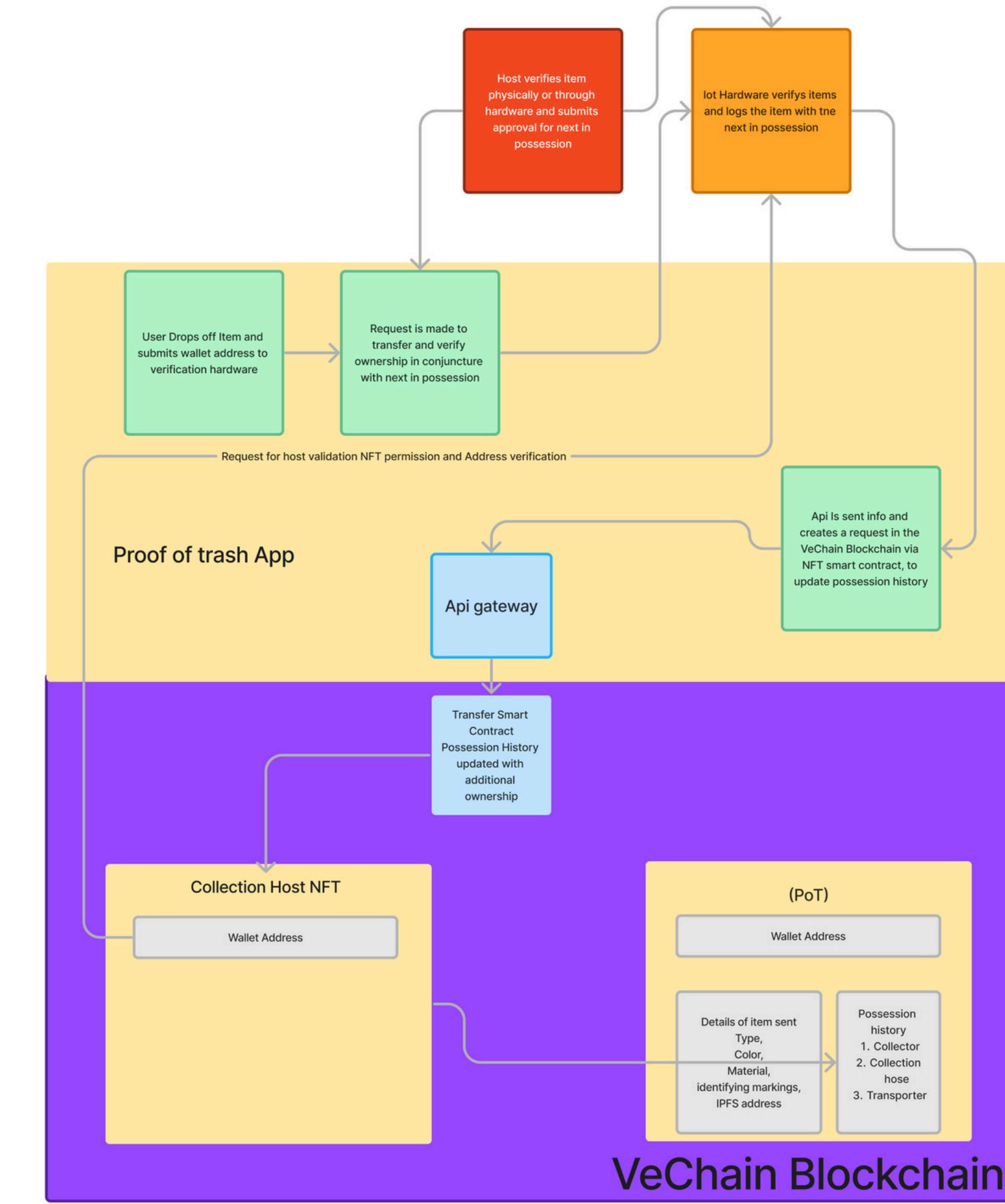


Technical Implementation – Phase one NFT creation

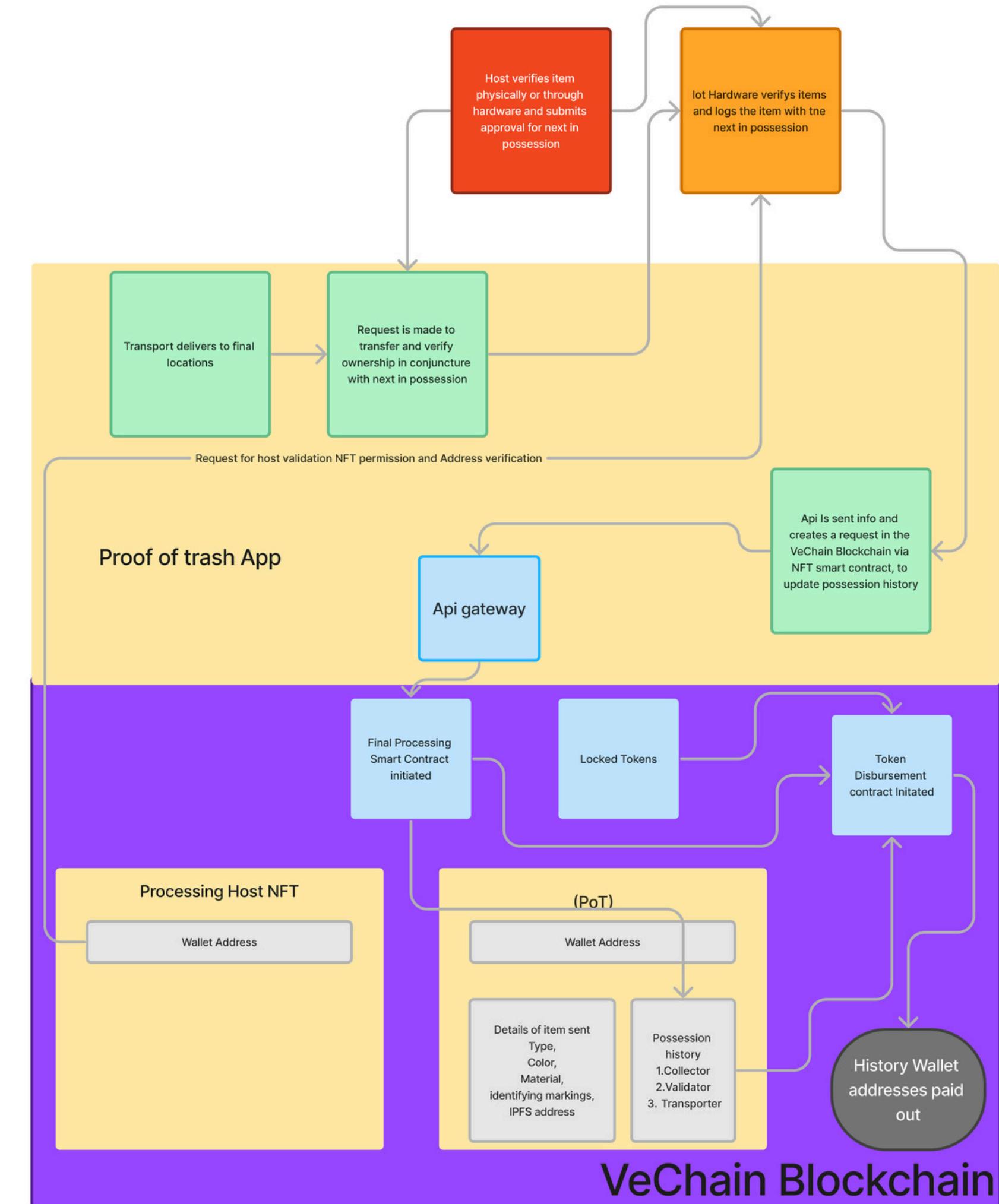


VeChain Blockchain

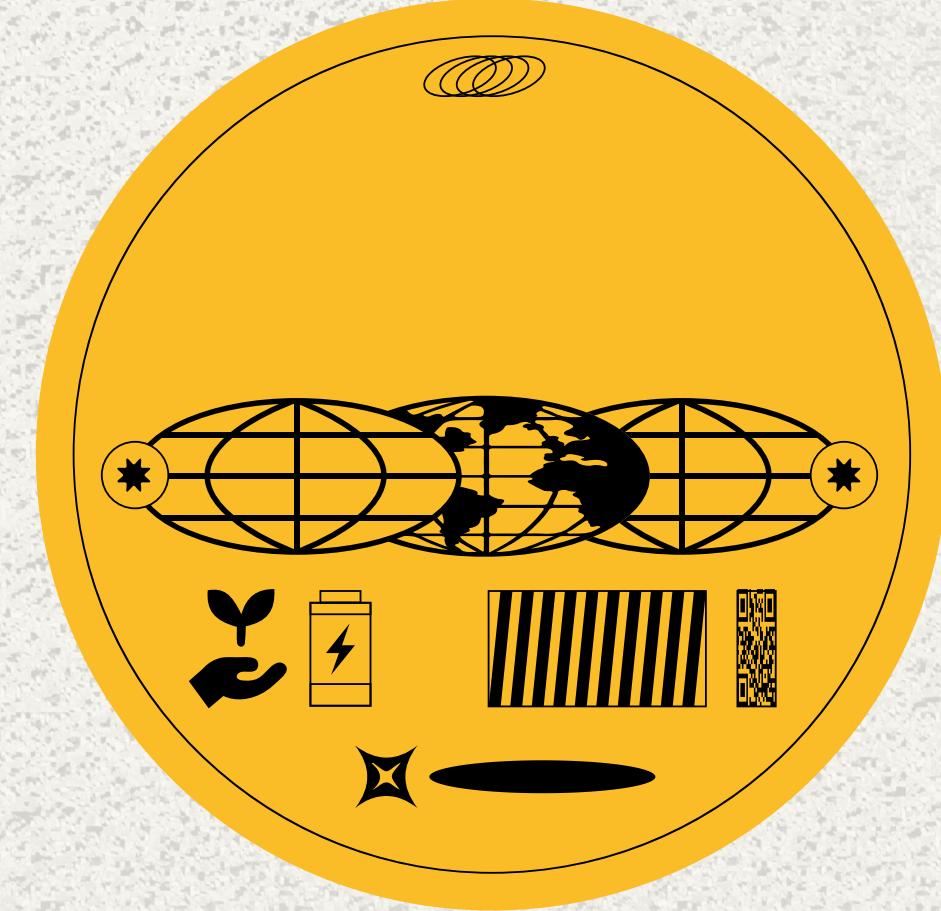
Technical Implementation – Phase two Validation



Technical Implementation – Phase three Processing and Payout



Benefits of PoT system



1. ENVIRONMENTAL IMPACT

→ Cleaner communities and less pollution, particularly plastic pollution, which significantly harms marine and terrestrial ecosystems.

2. INFRASTRUCTURE ENABLEMENT

Communities encouraged to develop their own waste management infrastructure, reducing reliance on external systems and promoting self-sufficiency.

3. TRANSPARENCY AND ACCOUNTABILITY

Those that collect are incentivized by the counterparts to make sure that the waste ends up in the right place, through smart contracts and validations

4. EXPANDING ECONOMIC OPPORTUNITIES

Participants are now able to create their own micro economies and businesses as well as incentivization through tokens and blockchain



Technical - MVP

- Create app with Ai camera to create NFTs of trash collections
- Establish smart contracts for transference
- Token incentivization smart contacts
- Finality smart contracts

Community

- Work with local nonprofits to educated and establish champions in local communities
 - Wisnu
 - Plastic Oceans
- Establish Processing endpoints
- Work with local businesses that could buy the trash for sustainable reuse
 - Potatohead club and hotel
 - Melia
 - Alila

Let's take personal action towards a more sustainable lifestyle.



Reach Out for More Info



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