Green vest

Blockchain Challenge 21

11. May 2021, Team Swisscom Blockchain

Swisscom

Overview

Team Swisscom Blockchain

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Support

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Research Question

«Sustainability on the Block»

Sustainable Finance

Obstacles in Sustainable Investments

Green washing

Long holding periods

Slow Settlement

Tom & Sarah

Tom

Private Investor

Impact

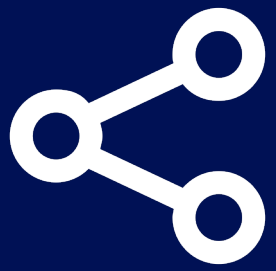
Sarah

Project Manager

- Investment
- Low-cost
- Influence
- Digital

- Project
- Funding
- Easy

Why Public Blockchain & Tokens?



Blockchain

Decentralized & no Intermediary

High Divisibility of Assets

Cryptographic Proof of Ownership

Solution with Greenvest

Project Token

Sustainability Token

Easy sustainable investments

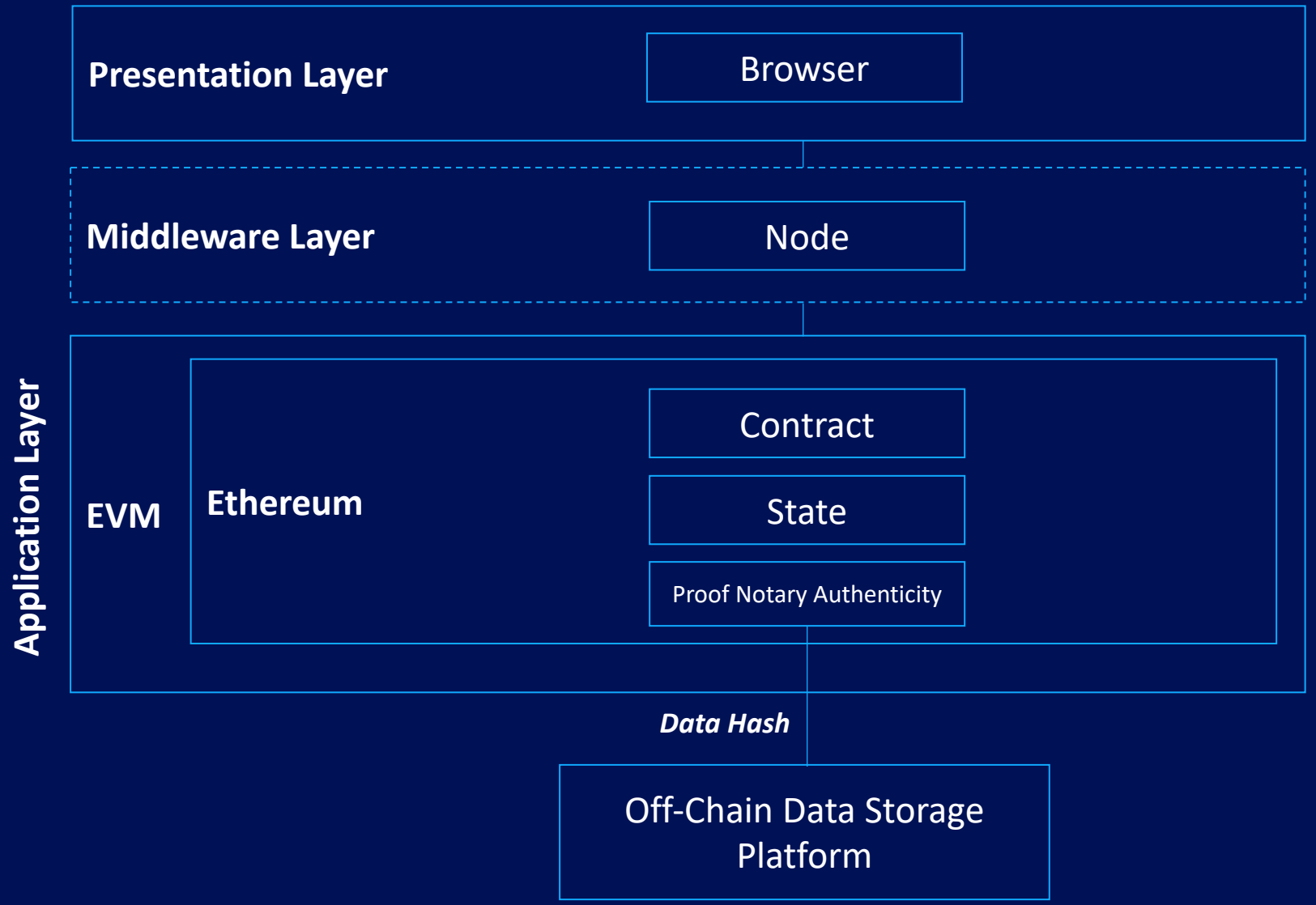
Investment proof

Sustainability Reward

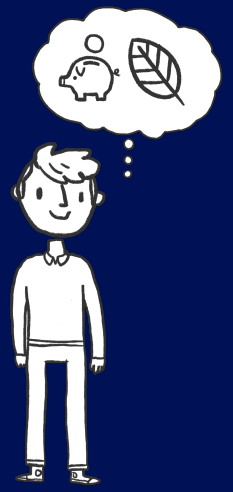
Directly tradable with others

Stakeholders

Greenvest Platform Architecture



Tokenization



Address	Number	
0x74ed9…	10	(-1)
0xu274u…	1	

Address	Number
0xu274u…	1

After 1 year

Address registration → **Investment** → **Proof** → **Sustainability Reward**

0xu274u…5hf0163

Token Contract ← **Notary Attestation** ← **Data** ← **Address registration**

0x74ed9…0g762p2

Token Contract

Greenvest

Project Token

- Secures Project Token ownership
- Responsible for ownership transfer
- Stores Notary's identity details & signature
- Manages token balances

Benefits

Investors

- ✓ Immutable Investment Proof
- ✓ Verifiable Reward
- ✓ Easy Access & Trading

Sustainability Project Owners

- ✓ Large pool of investors
- ✓ Impact boost

Notaries

- ✓ Reputation
- ✓ Compensation for service

Customer Journey Demo

#EASY

#BLOCKCHAIN

#SUSTAINABLE

#VERIFIABLE

In

Greenvest

We Trust