



OPEN FOREST PROTOCOL

The Foundation of an Inclusive Nature-Based Economy

THE OVERARCHING PROBLEM



Current Measurement, Reporting, Verification (MRV) Practices Do Not Provide Value for Forests



Small and medium landholders **struggle to demonstrate the value of their natural environments**



Lack of **accessible and transparent MRV** services prohibit forests from

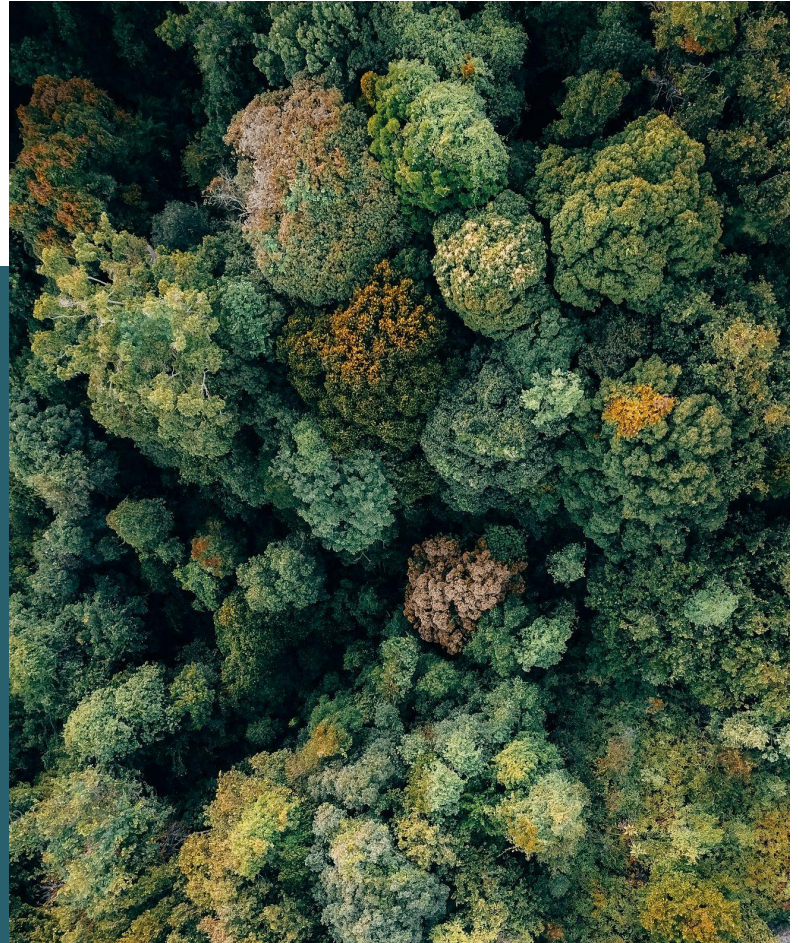


Expensive and slow development cycles

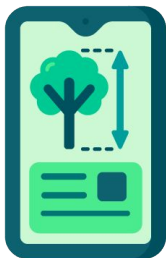
OPEN FOREST PROTOCOL

OFP IS THE SOLUTION

OFP is a decentralized,
blockchain-based platform for
the communal verification and
reporting of forest data at scale.



MAIN COMPONENTS



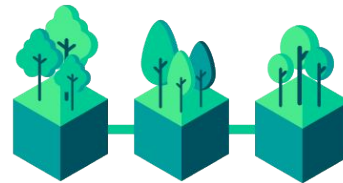
MOBILE APP

For on-the-ground data uploads



DASHBOARD

Provides access to all forest projects & validation interface



BLOCKCHAIN

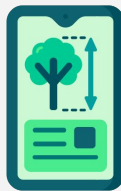
Data permanently stored & displayed, tokenized assets generate value for forests.

HOW OFP WORKS



STEP 1

Forest projects mint an NFT on OFP representing their land area, owning this NFT and data.



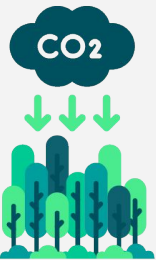
STEP 2

Monitoring data is collected on the ground using the OFP field mobile app.



STEP 3

Validators around the world and plugged into OFP check the legitimacy of ground monitoring data.



STEP 4

All monitoring information is stored permanently on the blockchain after validation.



STEP 5

Forestation projects gain an unprecedented amount of transparency and trust.



STEP 6

Forestation projects can gain access to carbon financing and tokenization of ecosystem benefits if forestation project data is validated

Links and Resources

- https://github.com/OpenForestProtocol/SNI_Hackathon