Making Non-Timber Forest Produce Value Chains Resilient

SELCO FOUNDATION

With Sustainable Energy Driven Solutions and a **Bottom Up Approach** we can act on **Climate Change and Poverty Alleviation**

Climate Adaptation

Mitigates Future Climate Risks

Energy Access and Climate Action Programs should be designed keeping the **needs of underserved people, regions and systems at the centre**

Decentralise

We use **need based solar energy systems**, such that each system generates enough energy for the current and future needs of users

Democratise

We believe that the solar energy systems **should be owned by those who use them**

Disrupt

The innovations we deploy with solar energy **should have the ability to transform systems**, bringing optimised quality services closer to those who need them most

Cross learning partnerships with organisations and enterprises working on grassroot problems

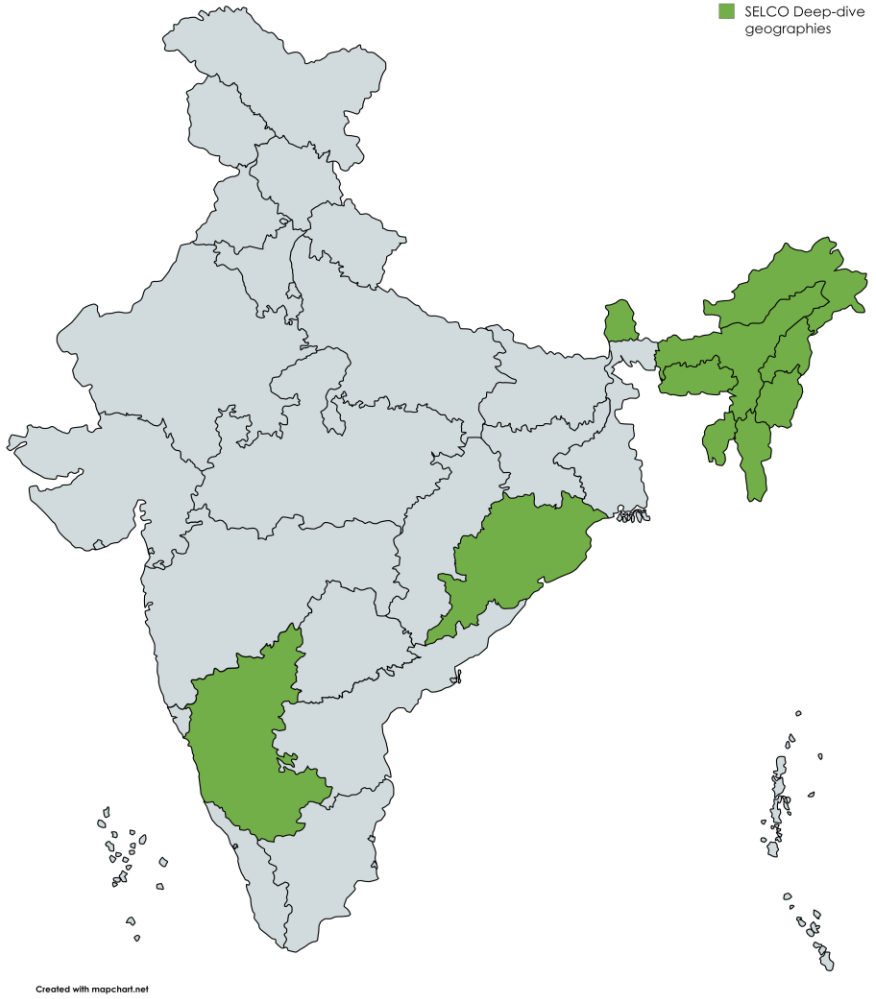
Agriculture and Animal Husbandry

Crafts and Textiles

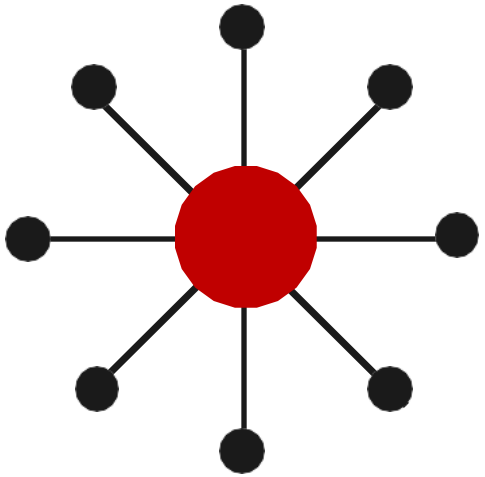
Healthcare

Non-Timber Forest Produce

Micro Businesses

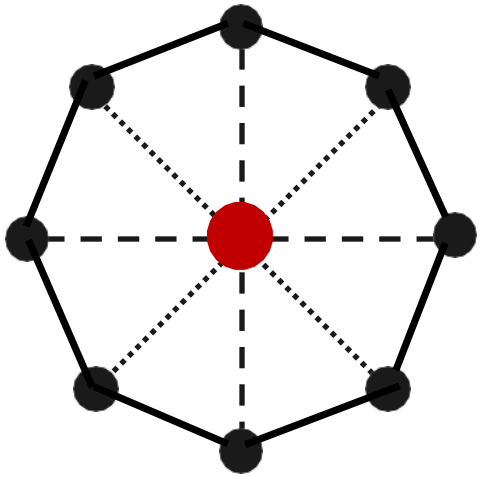


The programs approaches utilises the principles of contextualisation, co-creation and knowledge transfer



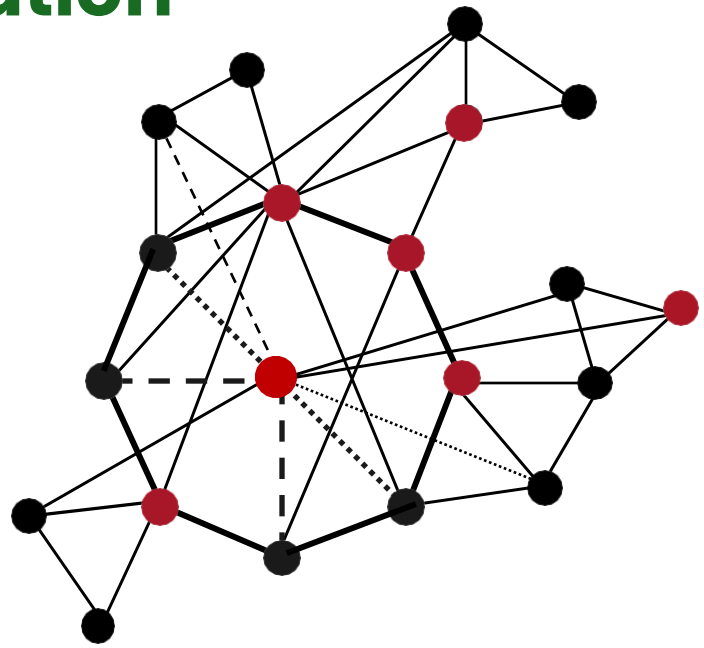
Stage 1: INNOVATE

Actions flow from SELCO to Ecosystem Stakeholders



Stage 2: SCALE

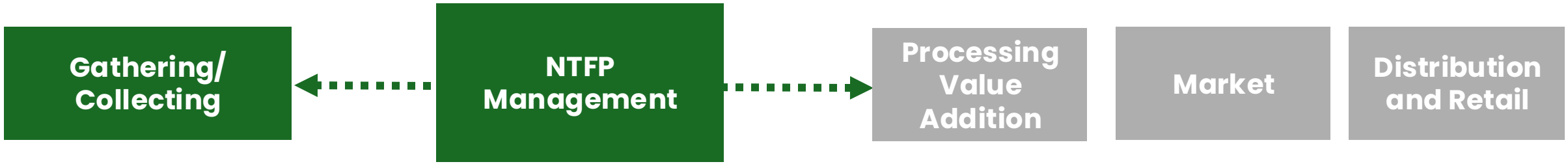
Linkages between Ecosystem Stakeholders being established. But ownership of those relationships and transactions lie with SELCO



Stage 3: AMPLIFY

Ecosystem stakeholders take actions forward in their own way, with their own networks; with or without SELCO

Need for Decentralisation and Value Creation at the Cluster Level



- Focus on Yield = Production/ Income increase
- Leading to exploitation, deforestation, conflict
- And Centralised systems of Value creation

Need for Decentralisation and Value Creation at the Cluster Level

Decentralised systems of Value creation and regeneration

Developing Climate Smart Innovations

Non-heat based honey dehydrator
Design & Concept: Mr. Sridhar
Tech Partners: Alto Precision.
Implementation Partner: Manuvikasa

Sal leaf plate making
Tech Partners: Bhaskar machinery
Implementation Partner: NIF

Turmeric Processing unit
Tech Partners: Global solutions
Key stakeholders: MSRLS, MBMA & Horticulture Dept

Sabai Grass Rope Making
Mayurbanj with Tarini Enterprise

Building a Resilient Ecosystem for Scale

Ecosystem for Scaling Lac Pruners

50+ Solar powered Lac Pruners in Khunti, Jharkhand generating income of **₹33,000 in 6 months.**
This was possible through :

- **Understanding specific local needs and challenges** – traditional methods (sickle & axe) made it difficult to reach tall trees and often damaged trees
- **Developing user friendly & portable design** –suitable for all genders
- **Building collaborative partnerships –** Nav Bharat Jagriti Kendra & CINI
- **Unlocking financing – 43 lakhs** Under the JOHAR, JSLPS (Jharkhand Opportunities for Harnessing Rural Growth) program for 43 PGs (860 farmers)
- **Complimentary technology package –** Packaged with sprayer to ensure year-round utilization

What are we looking forward to ?

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Priority #1
Innovate to Elevate

- Improve access and efficiency of processing technologies
- Encourage innovative tech to address specific challenges

Priority #2
Ecosystem Building and Value Creation

- Financing and subsidy unlocking for climate smart solutions
- Enterprise development initiatives for scaling solutions

Priority #3
Empowerment through Knowledge

- Provide technical service and mentorship to improve business management
- Document best practices to create a blueprint for scale
- Research and development in NTFP