

Himachal Pradesh



सुभाष पालेकर प्राकृतिक खेती प्राकृतिक खेती खुशहाल किसान योजना (PK3-Y)

Status Report

Field Implementation, Impact and Way Forward

National level consultation on "Principles and Practices of BPKP - Natural Farming"

September 29, 2020, NITI Aayog

spnf-hp@gov.in; www.spnf.nic.in

PK3Y - वैश्विक दृष्टि - राष्ट्रीय दूरदर्शिता - स्थानीय कार्यान्वयन

India's Global Promises

INDC - UNFCCC

Sustainable and Climate Resilient Agriculture

Biodiversity and Himalayan Ecosystem

Sustainable Development Goals (SDGs)

Niti Ayog Localising SDGs 2019

17 Goals, 169 Targets, 232 Indicators

HLPE-CFS 46

Agroecology, Food Security, Nutrition and Sustainable Food Systems, Forestry,

UNCCD COP 14/25

Land Degradation Neutrality, Health Wellbeing Socioeconomic Development, Sustainable Land Management, Ecosystem Restoration



Himachal Pradesh - Fulfilling the Promises

Subhash Palekar Natural Farming (SPNF) PK3Y

- *AtamaNirbhar* Himachal - Self-Sufficient, Nutritionally Secure, Surplus Production
- Sustainable Food Systems based on Natural Farming Initiative
- Towards SDG 1,2,6,8,9,12,15
- Increasing Agrobiodiversity through Sustainable Crop Intensification
- Protecting Himalayan Ecosystems - Water Conservation
- Core Agroecology Implementation
- Land Restoration, Soil Health and Socioeconomic Wellbeing
- And much much more

SPNF(PK3Y) - SDGs कि ओर अग्रसर



	Globally	SPNF
Total SDG Goals	17	7
Total SDG Targets	169	15
Total SDG Indicators	232	18

NATIONAL - GLOBAL

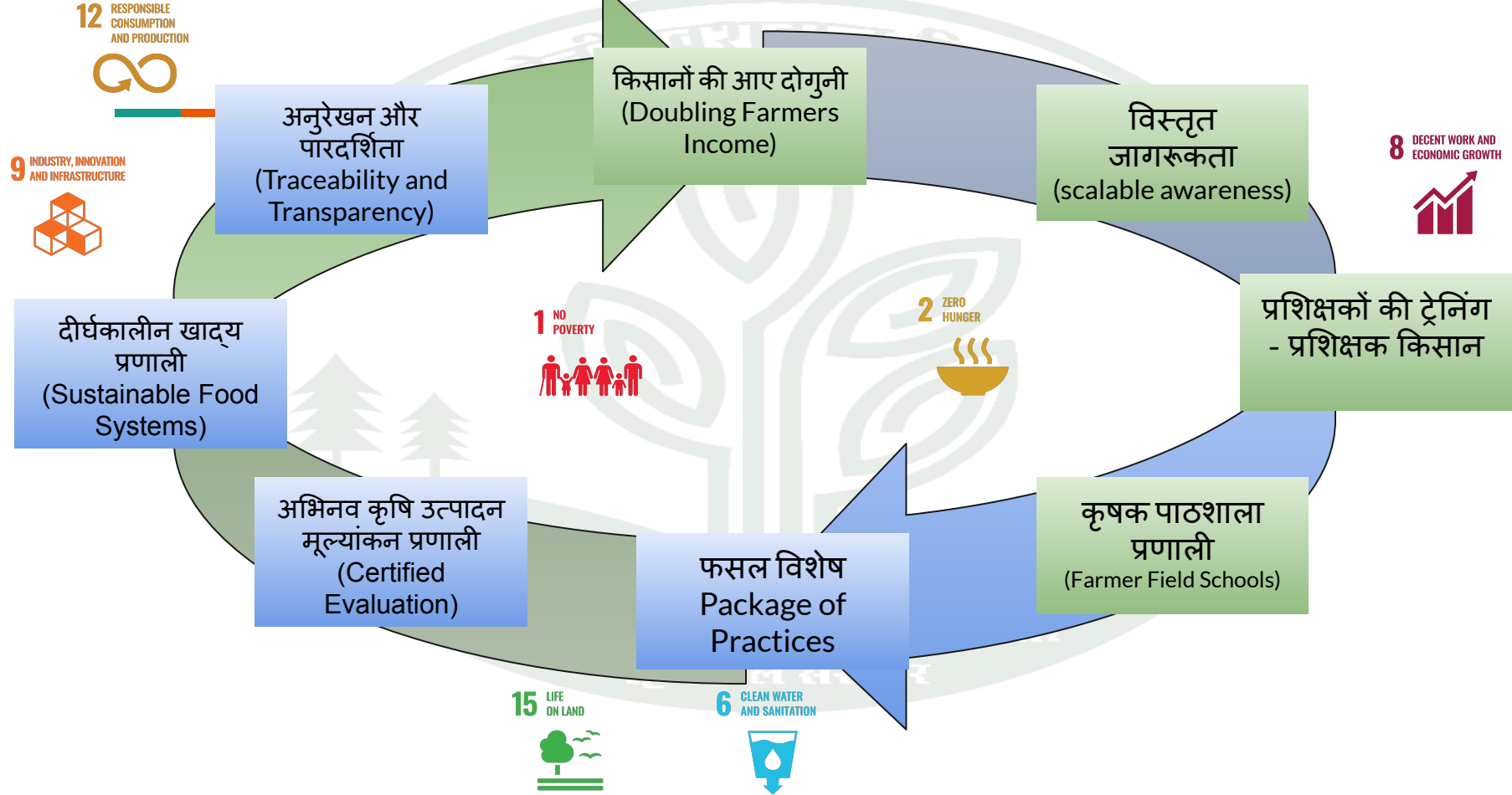
SUSTAINABLE DEVELOPMENT GOALS



HIMACHAL - SPNF(PK3Y)



VISION - सबका साथ सबका विकास



Current Stats- प्राकृतिक खेती खुशहाल किसान योजना (SPNF-PK3Y)



12 Districts
80 Blocks

2975 Panchayats

2148 Training Programs

77106 Trained Farmers

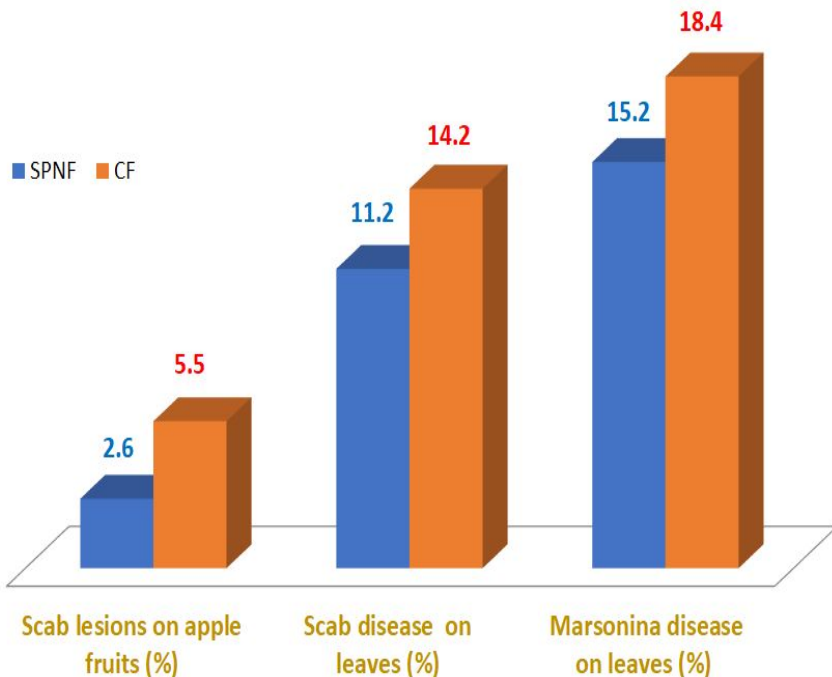
74202 SPNF Practitioners

3556 Hectares Land Under NF

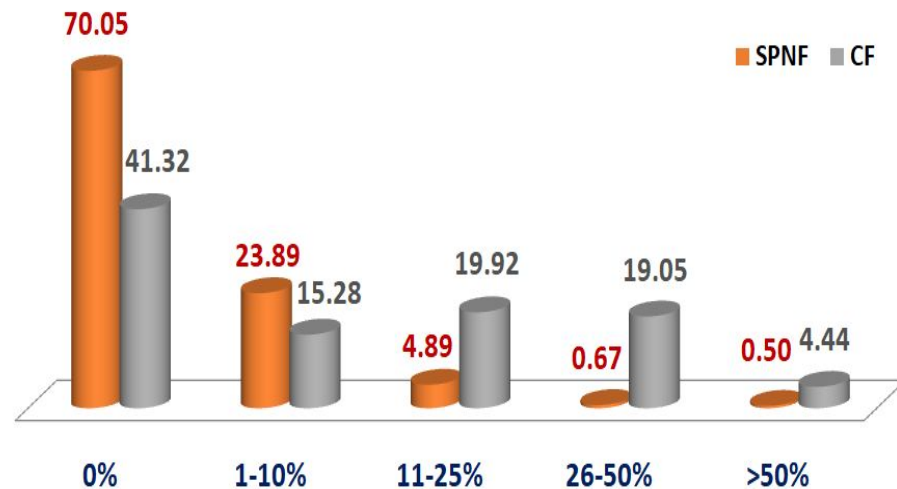
AS OF 31st AUGUST 2020



Disease Incidence NF Vs CF - स्वस्थ पौधे



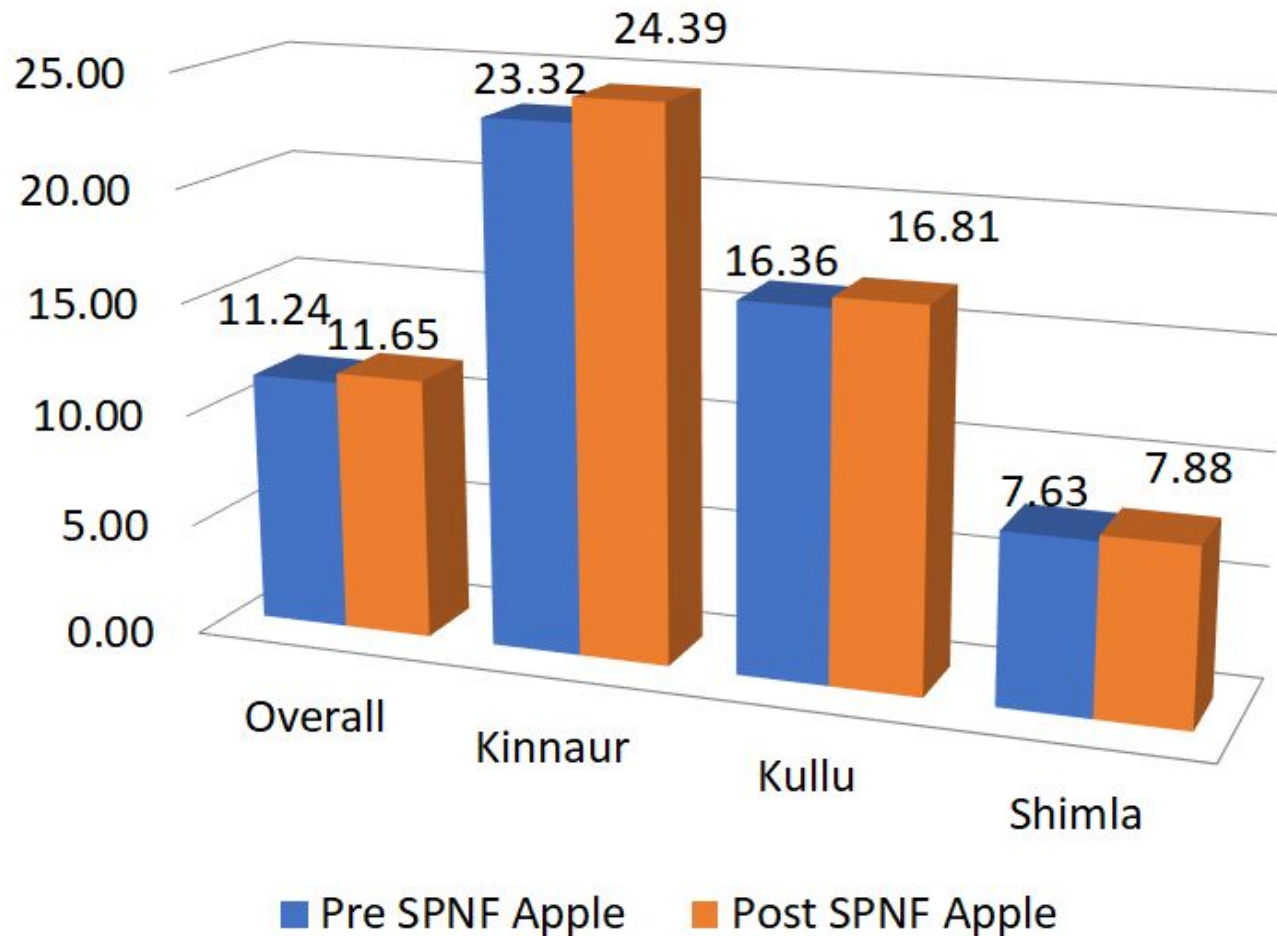
APPLE



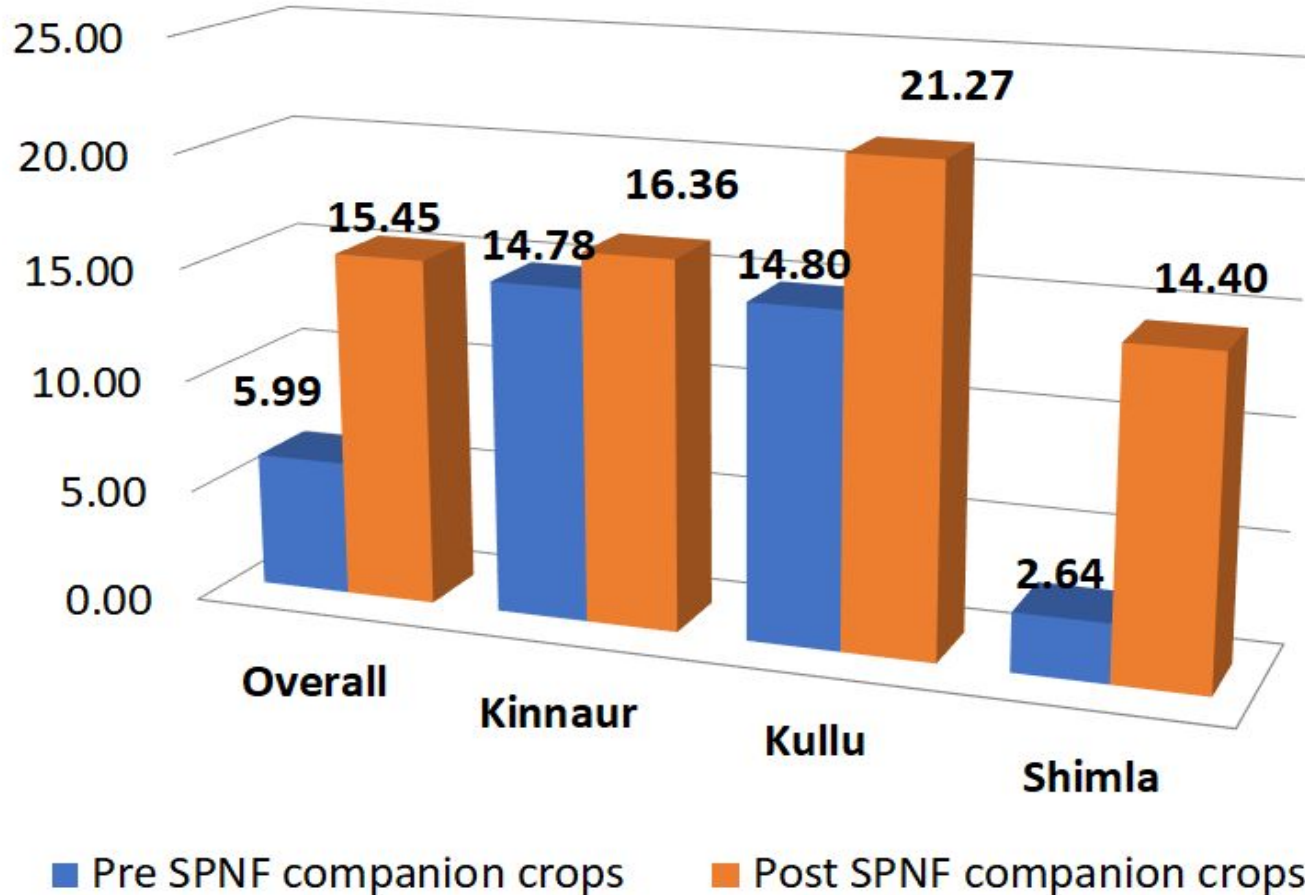
WHEAT - Yellow Rust

हिमाचल सरकार

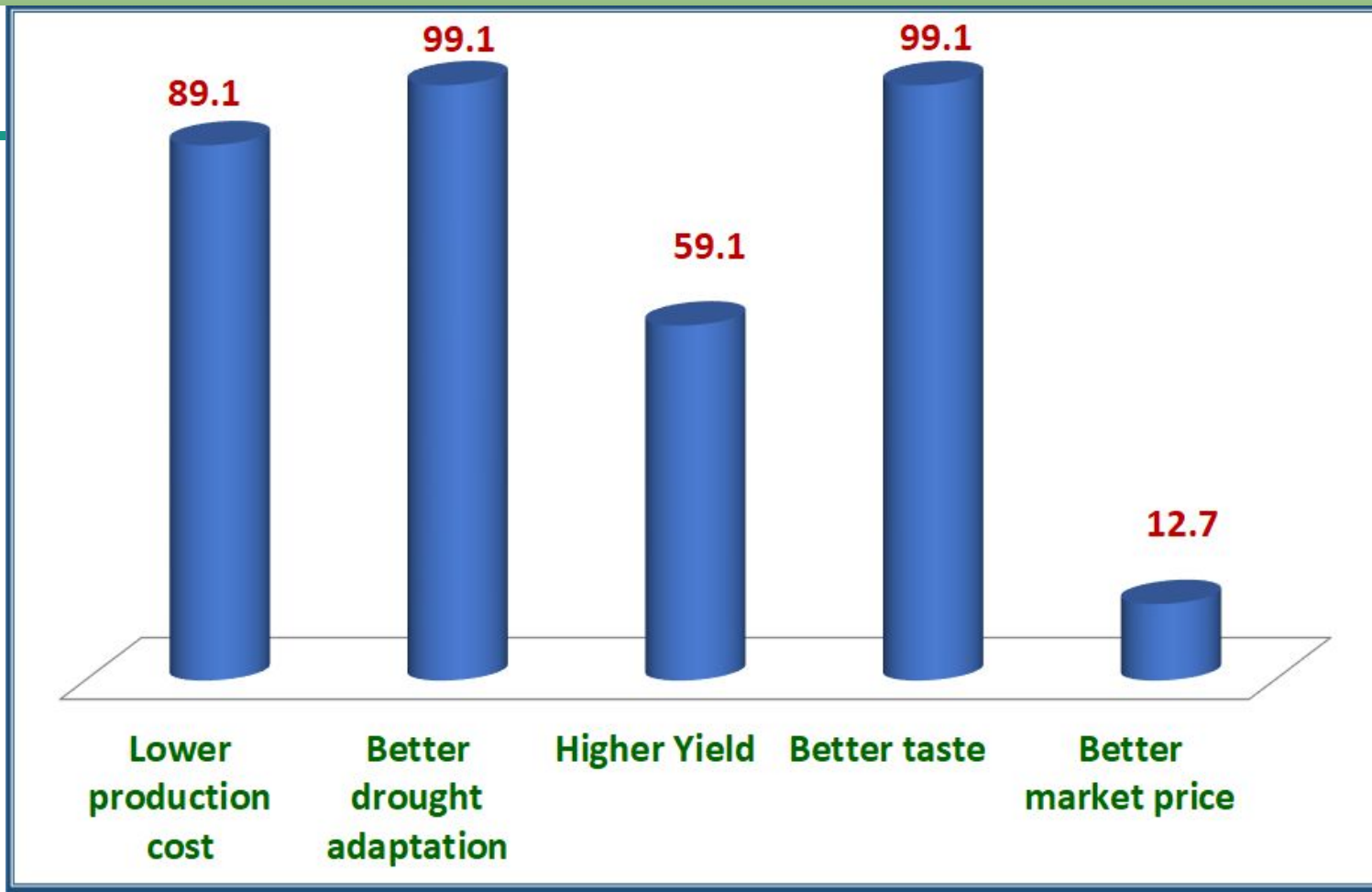
Apple Production under NF - स्थिर उत्पादन



Companion Crops Productivity - सहफसल उत्पादन



Benefits Perceived by Orchardists - खुशहाली की ओर कृषक



प्रमुख चुनौतियाँ - शमन रणनीति -

Challenges Mitigation

Full Adoption of SPNF Per Farmer - Total Land Area	Gradual Training, Continuous Handholding and Broad Based Support - Cross Schemes
Market Linkage for Farmers - Based on Traceability, Transparency, True Cost Accounting, Doubling Farmers Income	Creation of an Innovative Sustainable Food Systems based on Value Chain Linkages - SuSPNF
Convergence with Agroecology - Multiple Schemes	Combining Synergies with all schemes
Farmers Certification for Market Linkage	Innovative Evaluation Mechanism - Statewide Linking to PGS-India System for National Market Access
Sustainable Measurement, Evaluation and Analytical Framework for PK3Y	Consideration of creating M&E framework based on SDGs
BPKP Scheme Clarity for Hilly Region	Further discussion and Engagement with DoA&FW for concessions for smallholders in HP
Data Management and Big Data Analytics for Larger Farmer base - 9 lac+	Discovery of Possible Analytical Systems for Data on Agroecology, Sustainable Food Systems and Natural Farming

Case Study - किसान की कहानी - किसान की ज़बानी



Sh. JC Sharma (IAS), Princ. Sec to CM-HP - A Case Study

क्षेत्र (बीघा)	उगाई फसलें	रसायनिक खेती		प्राकृतिक खेती	
		व्यय(₹) (प्रति बीघा)	आय(₹) (प्रति बीघा)	व्यय(₹) (प्रति बीघा)	आय(₹) (प्रति बीघा)
6	सेब, मटर	17,778	1,01,333	10,083	1,13,300



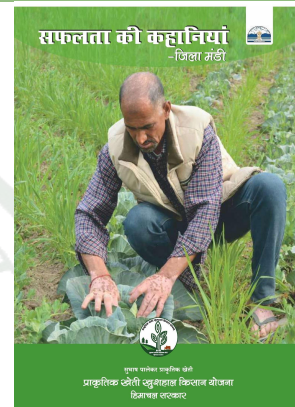
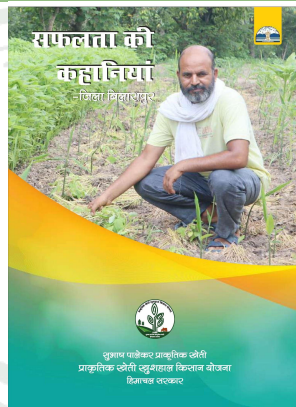
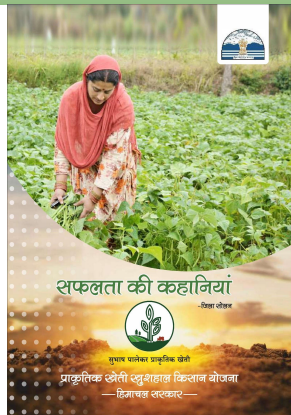
Sh. Ravindra Chauhan, Tehsil Rohru - Case Study



क्षेत्र (बीघा)	उगाई फसलें	रसायनिक खेती		प्राकृतिक खेती	
		व्यय(₹)	आय(₹)	व्यय(₹)	आय(₹)
8	सेब, मटर, गेहूं , राजमाश, सूरजमुखी, गोभी	90,000	1,50,000	6,500	5,00,000



Case Study - And Many Many More - कहानियां अभी बाकि हैं!



सफलता की कहानियां

District Solan

- 10 Farmers
- 1 Lead Woman Farmer
- Stable Yields
- Enhanced Incomes

सफलता की कहानियां

District Bilaspur

- 15 Farmers
- 1 Lead Woman Farmer
- Markets reach the farmers
- Resilience - Farmers create local CSA model during lockdown

सफलता की कहानियां

District Mandi

- 12 Farmers
- 2 Lead Women Farmers
- Widespread Implementation
- Inclusive Approach

Farmers and Their Markets - बाज़ार खिंचा चला आये



Kaza, Lahaul & Spiti



Rewalsar, Mandi



Dharamshala, Kangra



Innovative Convergence Strategy - अभिनव संमिलन रणनीति

Natural Farming Produce

Based on Produce Output from Natural Farming and Value Chains

Animal Husbandry

Based on Food Produce - Milk-Egg-Meat and other Animal Biomass produce for Backward Linkage



Forestry

Based on Uncultivated Foods from Forest - Morel, Fiddlehead Ferns, Myrtle Berries, Medicinals etc. - Non-Timber Forest Produce (NTFP/MFP) - Primacy of Smallholder Harvesters/Collectors

Fisheries and Others

Based on output of Natural Fisheries - based on chemical free feed

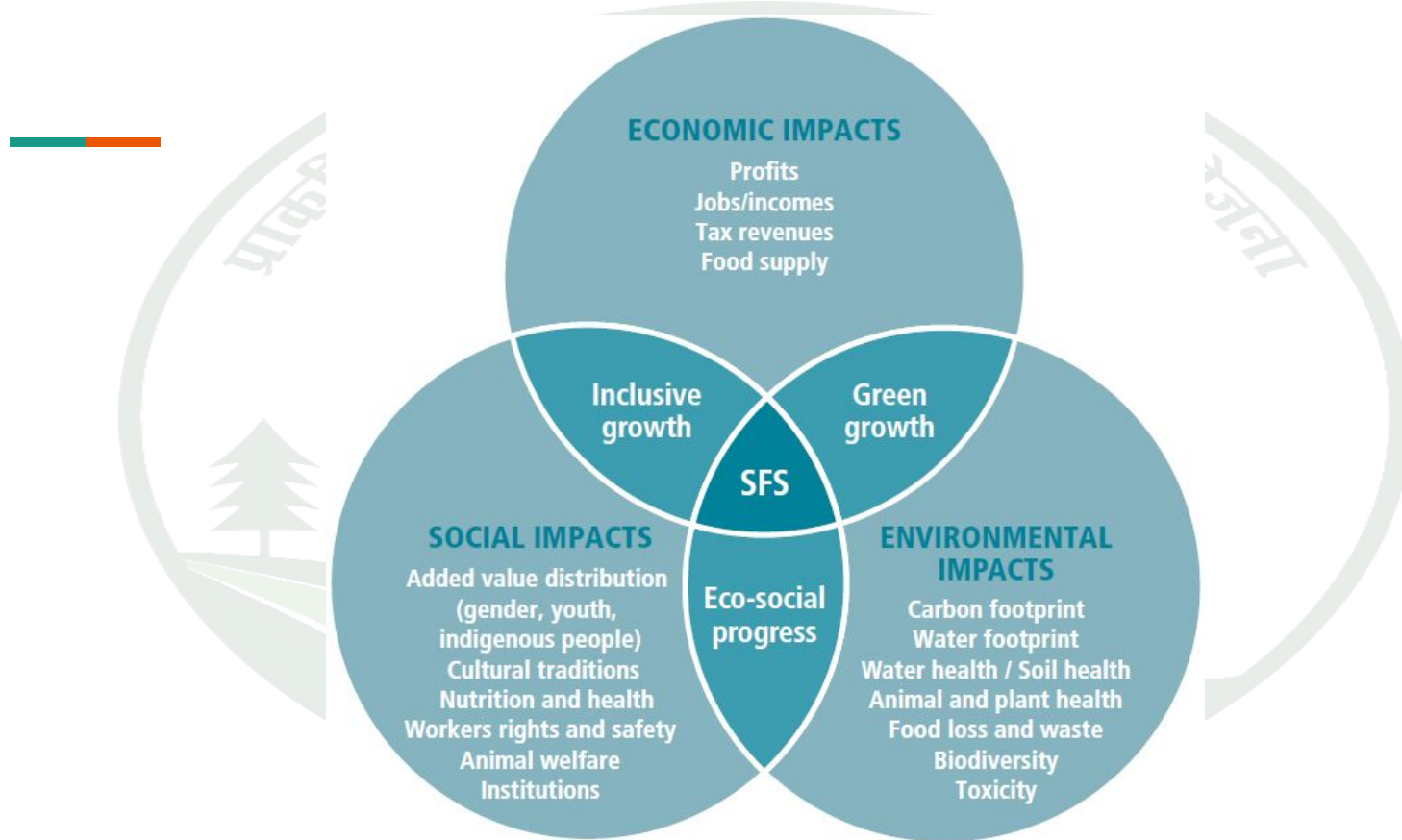
Inclusion of **Pastoral Systems** for Animal based products, **Beekeepers** etc.

Statewide Food System - Convergence

Unified Food Systems Platform

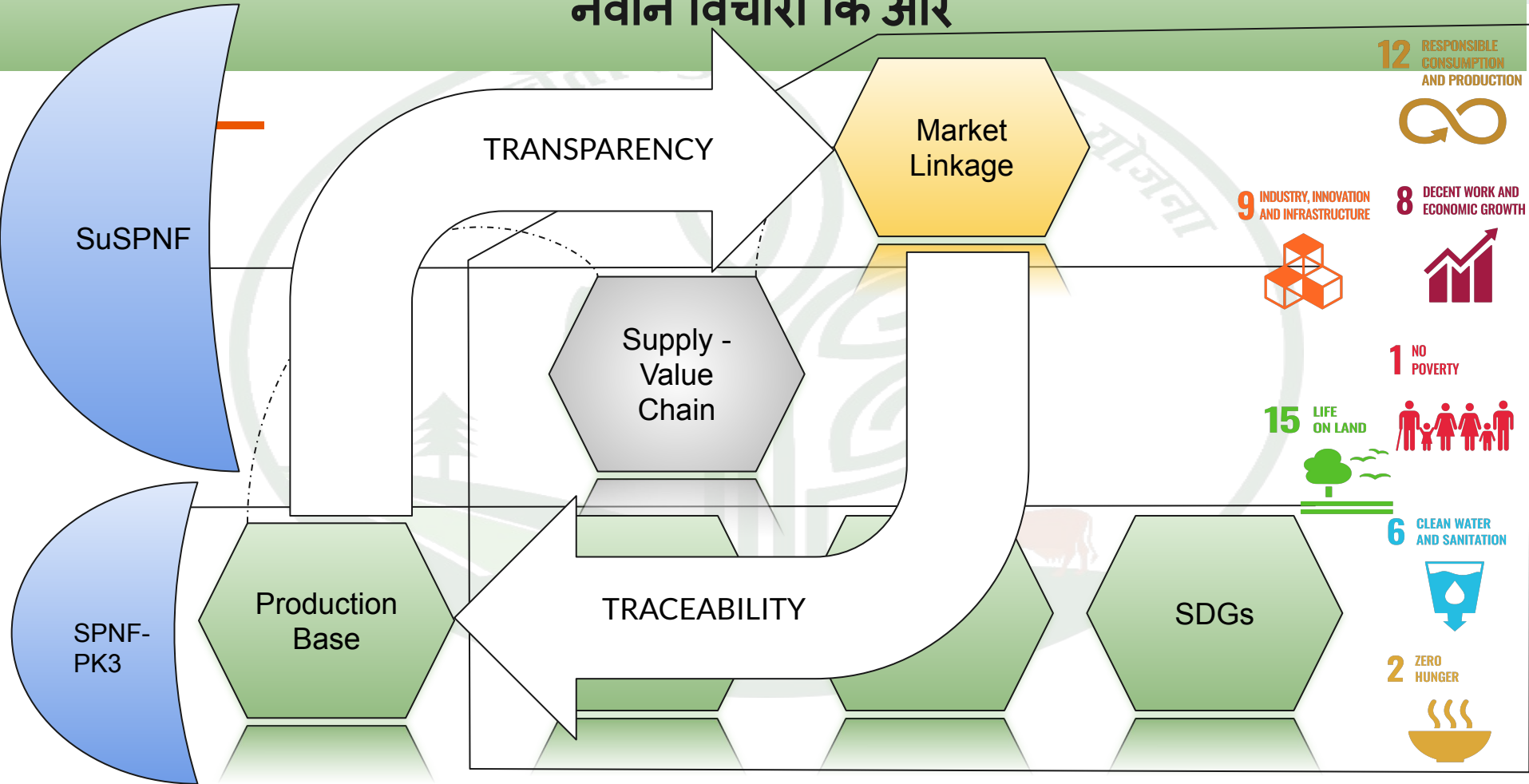
- Converged Output into a Unified Food Systems Platform
- **Start rollout based on SuSPNF** - based on PK3 Production Base
- Food System Agnostic to Source of Produce - so long as it is Chemical Free and based on Principles of Sustainability
- Net Return to Farm Double Farm Income - Near Retail Trade by FPOs
- Gender Equity - Youth Inclusion - Entrepreneurship

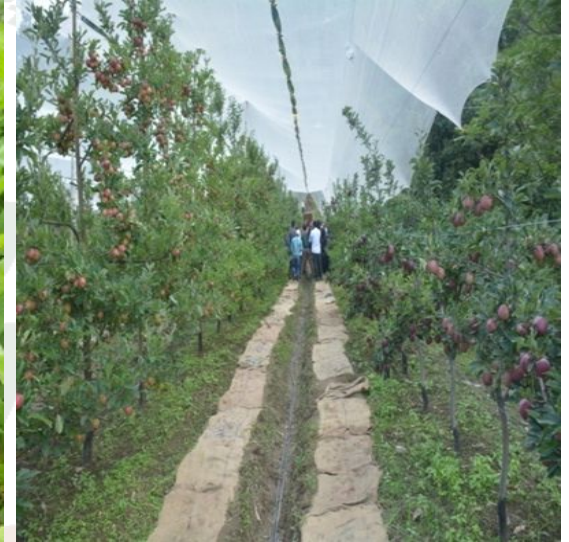
Sustainable Food Systems - Concept



SuSPNF - Sustainable Food Systems Platform

नवीन विचारों कि ओर





सुभाष पालेकर प्राकृतिक
हिमाचल सरकार

धीरेधीरे रे मना, धीरे सब कुछ होए,
माली सींचे सौ घड़ा, ऋतू आए फल होए॥

- संत कबीर