



# HP Crop Diversification Promotion Project (Phase-II), JICA-ODA





## Objectives of HPCDP Phase-II

- To promote sustainable Crop Diversification to high value crops.
- Improvement of farmer's income by development of production infrastructures, farmers support and institutional development.
- Strengthening farmer's sales force with marketing development, thereby contributing to economic and social development in all districts of H.P.

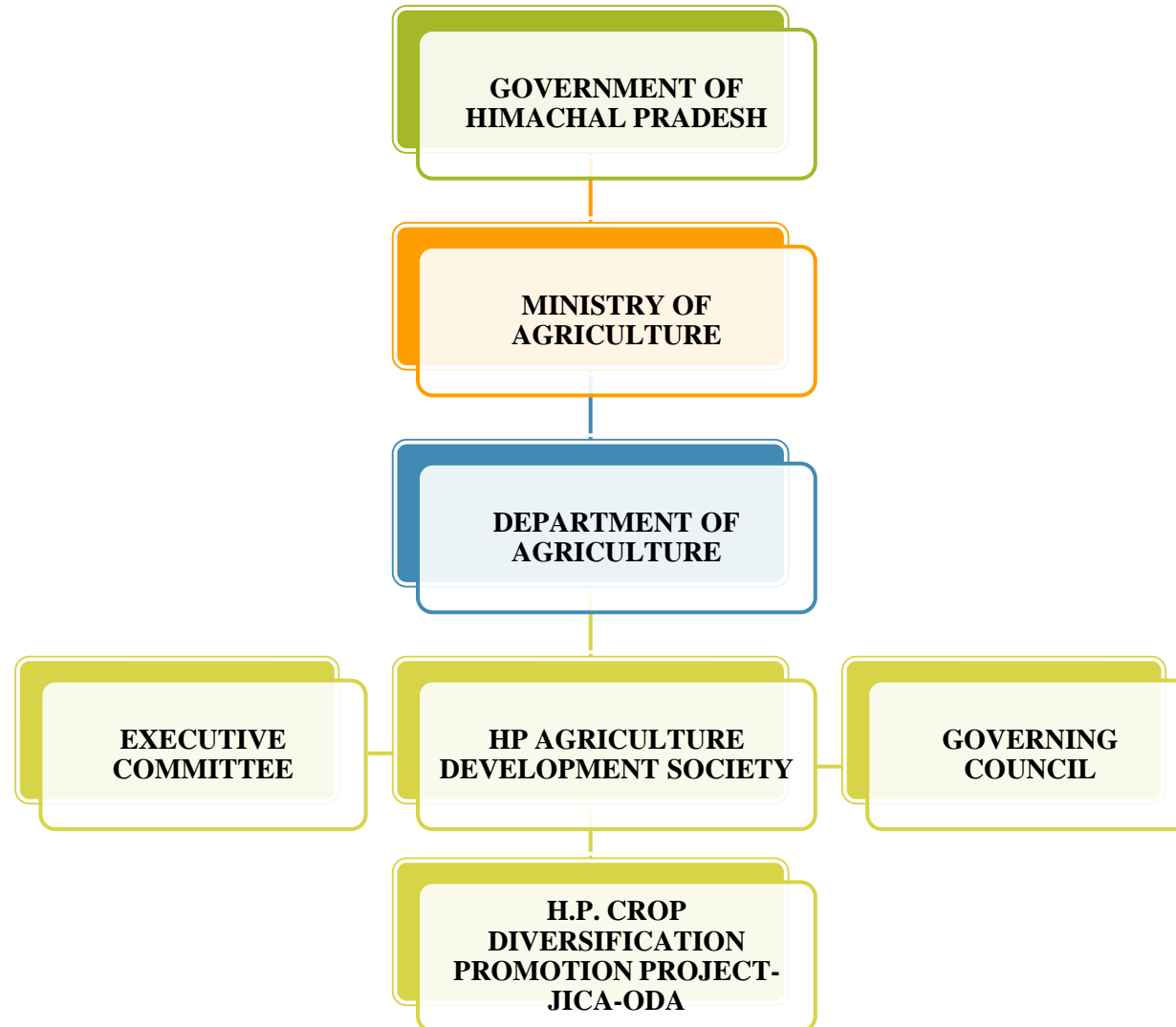


## Overview of HPCDP Phase-II

- Project Title** : Himachal Pradesh Crop Diversification Promotion Project (Phase-II)
- Project Area** : All 12 Districts (296+10 Sub project site)
- Beneficiaries** : 25500 Farming Families
- Area Coverage** : 7933 Hectare (7433 Ha+500 Ha)
- Project Period** : 9 Years (2021-2029) Disbursement up to 2032
- Objective** : To promote sustainable Crop diversification, increased productivity and farm income.
- L/A Signed** : March, 2021
- Loan Effectuation** : July, 2021
- Implementing Agency** : H.P. Agriculture Development Society

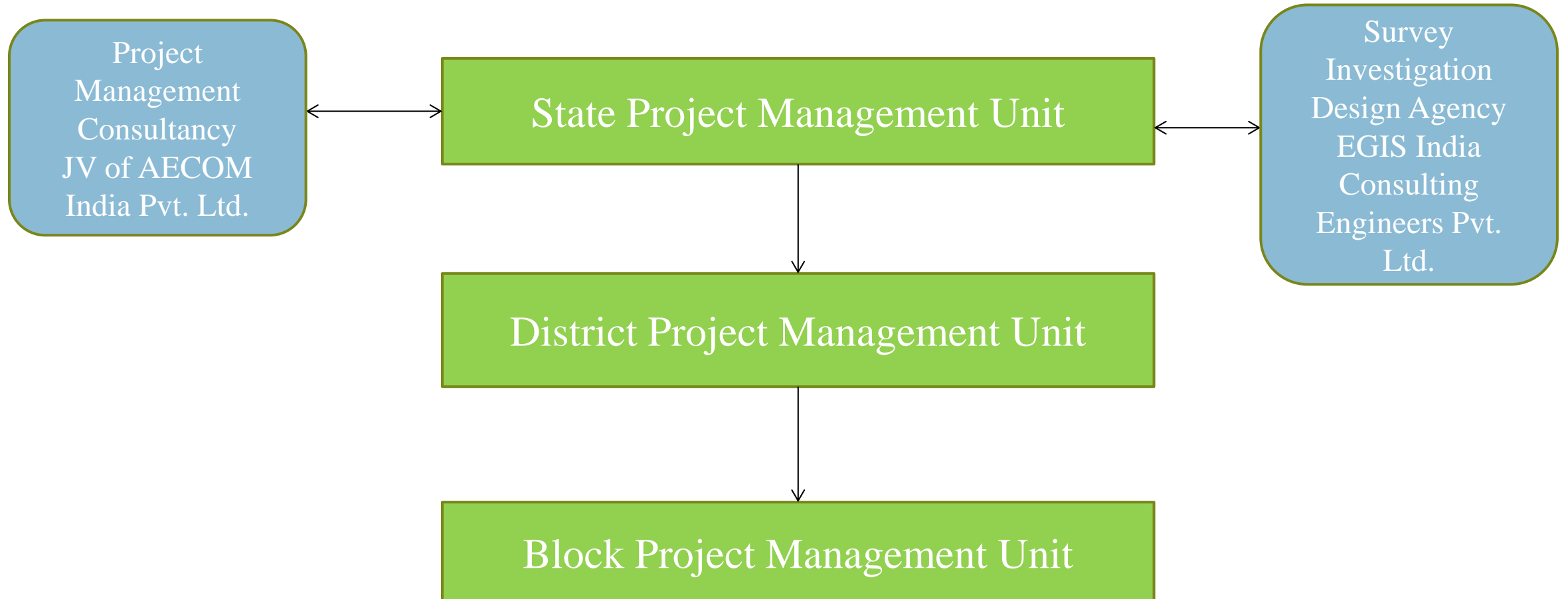


# ORGANISATIONAL STRUCTURE



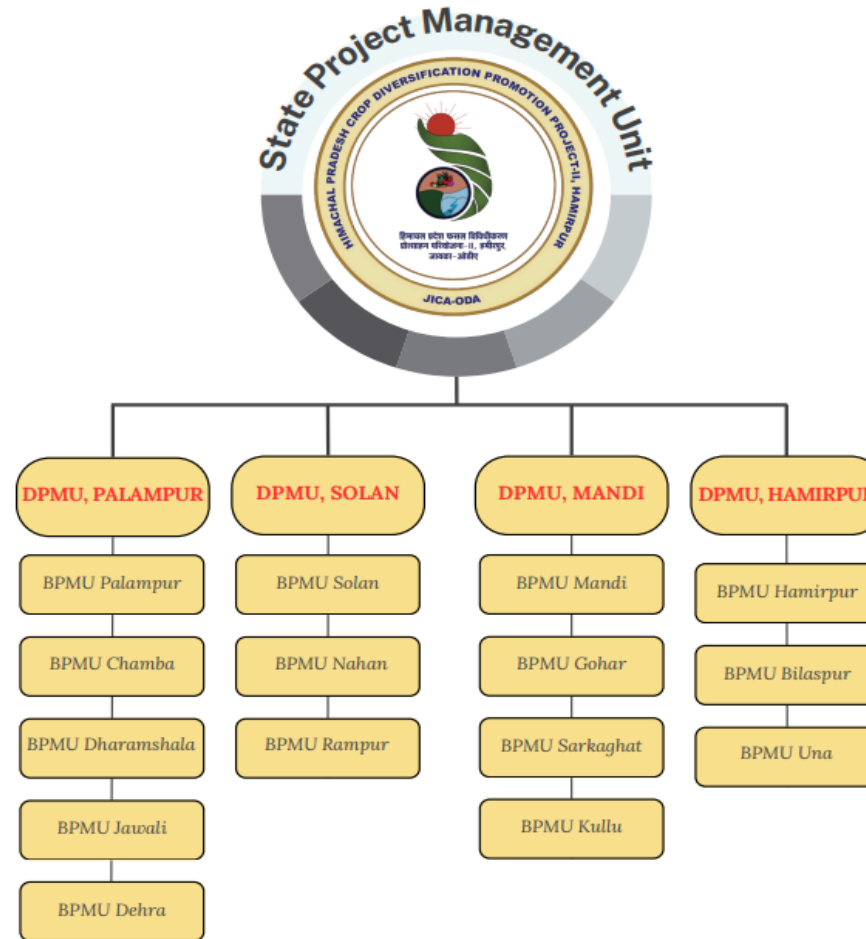


## Institutional setup





# Institutional Setup



4- DPMU- District Project Management Unit

15- BPMU- Block Project Management Unit



# Major Project Components

Rate of Interest for Loan Portion: 1.15% per Annum

Repayment of Loan: Government of India (30-40 Years after PC)

<b>Total Project cost (₹ in Crore)</b>	<b>1010.60</b>
<b>a) JICA Portion (Eligible portion)</b>	<b>807.30</b>
Infrastructure Development	330.72
Farmer Support Component	108.50
Value Chain, market Development	63.30
Institutional Development	157.50
Price Escalation, contingency, Consulting	147.30
<b>b) State Share (Non Eligible portion) 20 %</b>	<b>203.30</b>
<b>Beneficiary contribution (not included in Project Cost)</b>	<b>43.60</b>

# Brief Statement of Funds and Expenditures till 30<sup>th</sup> November,2024

## Project Outlays

Total Project Layout:  
**1010.60 Crore**



JICA Loan: **807.30  
Crore**



State Share: **203.30  
Crore**

## Project Expenditures

Total Funds Provided  
: **160.00 Crore**



Total Expenditure:  
**167.18 Crore**



Expenditure  
JICA Loan: **138.88 Crore**  
State Share: **28.30 Crore**

## Loan Amount Disbursed back to the GoHP

Loan Expenditure:  
**138.88 Crore**



Claim Filed: **135.29  
Crore**



Disbursement  
Received: **135.29  
Crore**





## Financial Status of HPCDP (Phase-II)

in Crores

S.N.	Components/Activities	MoD Targets	Budget Received	Expenditure
1	Infrastructure Development Component	330.72	37.71	43.01
2	Farmers' Support Component	108.47	11.16	11.36
3	Value Chain and Market Development Component	63.31	41.71	41.71
4	Institutional Development Component	157.50	33.10	33.61
5	Price Escalation	56.90	0.00	0.00
6	Physical Contingency	35.80	0.00	0.00
7	Consulting services	54.60	8.74	9.20
	<b>Total (Eligible Portion)</b>	<b>807.30</b>	<b>132.42</b>	<b>138.88</b>
	<b>Total ( Non Eligible Portion)</b>	<b>203.30</b>	27.58	28.30
	<b>Total(Eligible+ Non- Eligible)</b>	<b>1010.60</b>	<b>160.00</b>	<b>167.18</b>

# Project Components and Major Project Intervention Areas:

**1. Infrastructure  
Dev. Component  
₹330.72 Cr.**

**2. Farmer  
Support  
Component  
₹108.46 Cr.**

**3. Value Chain  
and Market Dev.  
Component  
₹63.31 Cr.**

**4. Institutional Dev.  
Component ₹157.50 Cr.**



**Minor Irrigation  
Schemes (306  
No./7930 Ha Area):  
₹ 221.00 Cr.**

**Micro  
Irrigation  
Systems :  
₹32.00 Cr.**

**Catchment Area Treatment  
₹ 12.70 Cr.**

**Solar Pumping + Fencing:  
₹ 21.80 Cr.**

**1. Infrastructure  
Dev. Component  
₹330.72 Cr.**

**2. Farmer  
Support  
Component  
₹108.46 Cr.**

**3. Value Chain  
and Market Dev.  
Component  
₹63.31 Cr.**

**4. Institutional Dev.  
Component ₹157.50 Cr.**

Formation and  
strengthening  
KVA ₹ 2.90 Cr.

Vegetable  
Promotion  
₹ 66.21 Cr.

Provision of Farm  
Machinery  
(50:50) ₹ 23.80 Cr.

Livelihood  
support activities  
₹ 26.50 Cr.

TITP 150  
**Young Farmers**  
₹ 3.00 Cr.

Dairy farming (cost sharing 80:20)  
Goat farming & Sheep farming  
Rearing of honey bees  
Mushroom cultivation  
Fisheries (Trout rearing & Grow out ponds)  
Handicrafts  
Service sector activities

**1. Infrastructure  
Dev. Component  
₹330.72 Cr.**

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Support  
Component  
₹108.46 Cr.**

**3. Value Chain  
and Market Dev.  
Component  
₹63.31 Cr.**

**4. Institutional Dev.  
Component ₹157.50  
Cr.**

**Modernizing facilities  
and equipment in  
Mandis support to  
HPSAMB ₹31.01 Cr.**

**Establishment  
of FPO's  
Collection  
Center ₹7.80 Cr.**

**Matching FPOs  
with agribusiness  
operators  
₹3.00 Cr.**

**Bringing FPOs  
up as a business  
entity  
₹ 19.50 Cr.**

**Empowerment of CAs  
₹ 2.00 Cr.**

**1. Infrastructure  
Dev. Component**  
₹330.72 Cr.

**2. Farmer  
Support  
Component**  
₹108.46 Cr.

**3. Value Chain and  
Market Dev.  
Component** ₹63.31  
Cr.

**4. Institutional  
Dev. Component**  
₹157.50 Cr.

**Recruitment of PMU  
Staff (Outsource Staff)**  
₹ 140.60 Cr.

**Construction of  
Training Center**  
₹ 10.00 Cr.

**International /  
National Workshops**  
₹ 2.90 Cr.

**Upgradation of  
SAMETI**  
₹ 3.00 Cr.





## District wise detail of Sub projects: Updated

S.N.	District	No. of Sub Projects	LIS	FIS	STW	Area (CCA) Ha.
1	Bilaspur	16	14	2	-	254.63
2	Chamba	15	-	15	-	270.95
3	Hamirpur	19	18	-	1	238.02
4	Kangra	83	12	66	5	2877.12
5	Kinnaur	07	-	7	-	207.71
6	Kullu	17	-	17	-	470.09
7	Lahaul Spiti	05	-	5	-	174.95
8	Mandi	65	8	54	3	1512.47
9	Shimla	12	-	12	-	191.60
10	Sirmour	16	-	12	4	307.06
11	Solan	22	-	22	-	556.50
12	Una	19	5	-	14	372.31
	<b>Total</b>	<b>296</b>	<b>57</b>	<b>212</b>	<b>27</b>	<b>7433.41</b>



# Achievements and Road Map Ahead

## Infrastructure Development

Target: 306 (296+10) Minor Irrigation Schemes

Implementation in 3 batches

Batch I

100 Subprojects  
Complete by Dec. 2024

DPRs Prepared: 100  
DPRs Approved: 100  
Tenders Floated: 100  
Works Awarded: **100**  
Works Started: **99**  
Works Completed: **25**

Batch II

100 Subprojects  
Complete by Dec. 2025

DPRs Prepared: 100  
DPRs Approved: 98  
Tenders Floated: 90  
Works Awarded: **50**  
Works Started: **38**  
Work Completed: **1**

Batch III

96 Subprojects  
Complete by Dec. 2026

DPRs Prepared: 85  
DPRs Approved: 51  
Tenders Floated: 19  
Works Awarded: **3**  
Works Started: **3**  
Work Completed: **0**

## Community Mobilization

Target Villages: 296  
Target Farmer Families: 25500  
(>1.0 Lakh Population)

Farmer Associations (KVA)  
Formed: 283 Nos.

KVA Registered: 245 Nos.

Microplans Formulated:  
222 Nos.

# Innovative approaches in Agribusiness sector undertaken/ being undertaken under HPCDP (Phase-II), JICA-ODA







# 1. Transforming Agriculture in Himachal Pradesh: A Digital Revolution with the esteemed support of JICA-India

**POC Period:** January 2024- December, 2024

## Key Objectives:

- Income Enhancement
- Market Linkages
- Expanded Market Reach

## Agri-Digital Marketplace

- Integrated supply chain solutions and
- Real-time demand management,
- Transparent pricing and
- Optimized storage for management of post-harvest losses.

## Target Crops & Regions

- Tomato, Peas, and Capsicum.
- Clusters of district Mandi & Solan

## Stake Holders:

- ❖ JICA DX Lab., Tokyo
- ❖ JICA, India
- ❖ HPCDP (Phase-II), JICA-ODA, Hamirpur
- ❖ State Department of Agriculture,
- ❖ State Department of Horticulture, and
- ❖ HP State Agriculture Marketing Board.
- ❖ 1500-2000 farmers.





## 2. New initiatives with Japanese Trading Company Matsuda Sangyo Trading India Private Ltd.

Mr. Taki, Director, Matsuda Sangyo Trading India Private Limited visited HPCDP (Phase-II) during 2023

Aim to seek potential of sourcing high Quality Broccoli supplies for Japan and other destinations

Visit to BPMU Kullu in November 2023, established good potential with certain quality standard certification

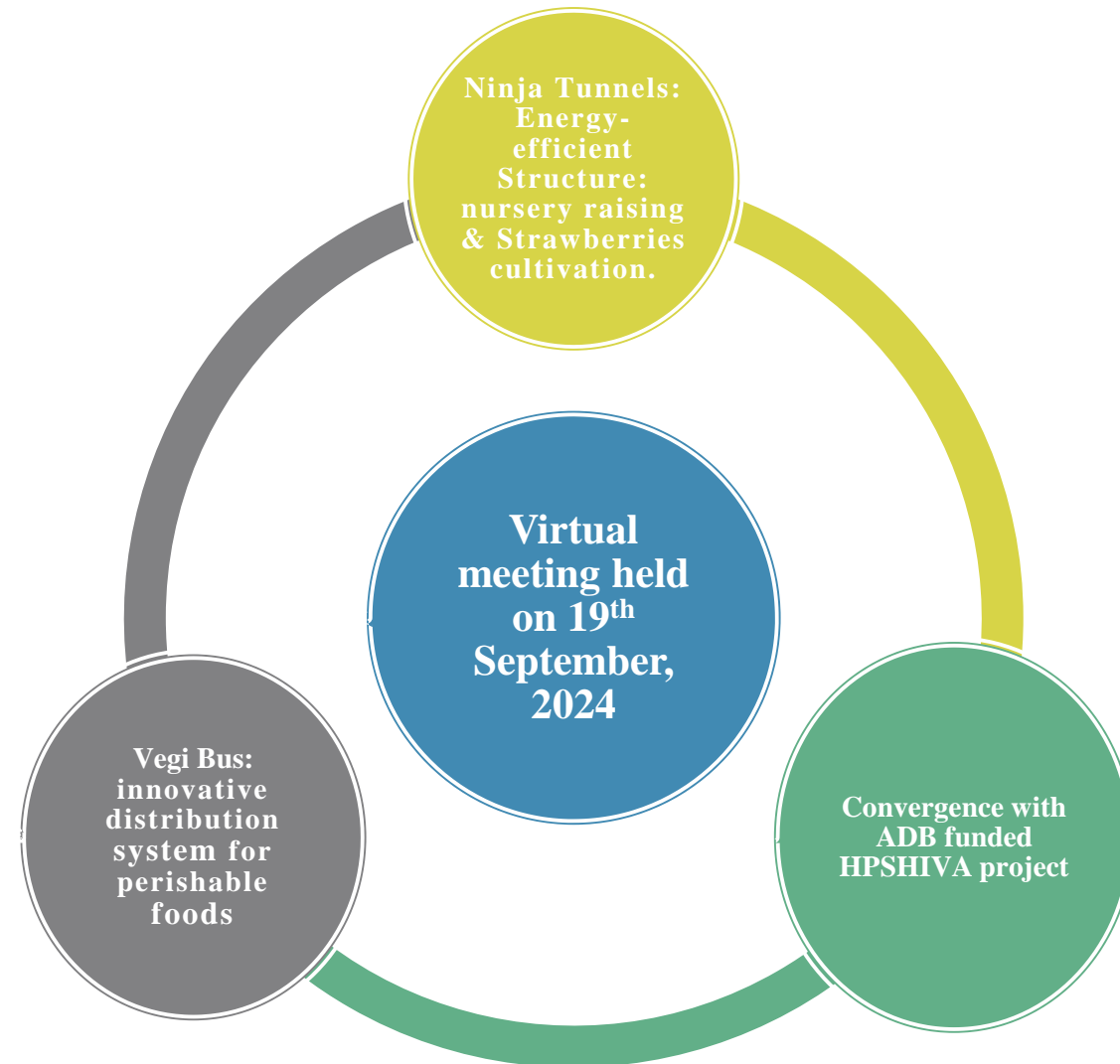
Working out some IQF facility for primary processing and preservation, post harvest and aggregation

Scope for Apples and other vegetables including Shiitake from the H.P.





### 3. Agri-Business trial collaboration with M2Labo





#### **4. E-connect with EF Polymer for Agri-Business trial**

#### **5. Super cooling Boxes**

- Collaboration with EF Polymer Private Limited : Bio-fertilizer developed by Indian and Japanese technique: “**FASAL AMRIT**” are underway.

- XTN Trading and Forwarding Company
- Super cooling boxes : Transportation of Shiitake, Fish and other perishable Agri-products
- IQF for Broccoli





## 6. Technical Intern Training Programme (TITP)/Specified Skilled Worker (SSW) under HPCDP (Phase-II)

- ✓ A Unique Program from HPCDP (Phase-II), JICA-ODA, Hamirpur for the Wards of Farmers of Project Area.
- ✓ Targeting 150 Participants (10-15 per batch), with Approx. Outlay of INR 3.0 Cr.
- ✓ MoU signed between HPCDP (Phase-II), JICA-ODA and HPKVN at Shimla on dated 3<sup>rd</sup> August, 2024.





## 7. Centre of Excellence, KVK, Bara, Hamirpur by HPCDP (Phase II), JICA-ODA, Hamirpur

- Inaugurated by the Hon'ble Chief Minister of Himachal Pradesh, Shri Sukhwinder Singh, on 17/08/2024
- The COE is established as a step towards production cost cuts by enhancing productivity and survival percentage of transplanting High values crops
- The CoE shall also be instrumental for farmers in hands-on learning, exploring advanced nursery techniques and gaining practical knowledge in high-tech nursery production.



**Inauguration of CoE at KVK, Bara, Hamirpur  
by Hon'ble Chief Minister Himachal Pradesh**



**Visit by JICA Sri Lanka delegation to  
CoE at KVK, Bara, Hamirpur**



**Vegetables' Nursery at CoE at KVK,  
Bara, Hamirpur**





## 8. Promotion of Shiitake (*Lentinula edodes*)/ Medicinal Mushroom in HP

- Established & commissioned **Shiitake Cultivation & Training Centre at Palampur during 2022.**
- Production of Ready to Fruit Blocks
- Trainings
  - ✓ Under HPCDP budgeted program: 45 Clusters of 25 farmers each being undertaken
  - ✓ Under sponsorship from line departments
- Establishing in-house Spawn Lab
- Expanding Incubation Facility
- 12 no. trainings to 172 nos. farmers from HPCDP conducted, so far.





# **Financial Support to the State Agriculture University**

- R&D Projects : 11 No., INR 2.50 Cr
- Model Seed Farm: 20 Ha. INR 4.95 Cr





# R & D support activities are allocated to SAU Palampur

Financial Support on 11 R&D projects (INR 2.50 Cr),

✓ Completion: 2 Nos. of projects entitled

1. “Development and promotion of management technology against insect-pests of Brinjal” and

2. “Management of root-knot nematode, *Meloidogyne incognita* in cucumber under protected cultivation”

S. N.	Research and Seed Production Component	Total project cost (Rs. In Lakh)	Total expenditure till date (Rs. In Lakh)	Tentative date of completion
1	Multi-location testing of CMS based hybrids of cauliflower in Himachal Pradesh	20.00	20.00	30.09.2024
2	Multi-location testing of GMS based bacterial wilt resistant hybrids of chilli in Himachal Pradesh	20.00	20.00	30.09.2024
3	Generation of double haploid through induced androgenesis in head cabbage ( <i>Brassica oleracea</i> var. <i>capitata</i> ) and multilocation of tomato in HP	20.00	20.00	30.06.2024
4	Multilocal testing and validation of newly developed bacterial wilt resistant and high yielding bell pepper lines/hybrids in H.P	10.00	10.00	Final progress report awaited
5	Multilocal testing and validation of newly developed yellow vein mosaic virus resistant and high yielding okra lines/ hybrids in H.P.	10.00	10.00	Final progress report awaited
6	Development and promotion of management technology against insect-pests of Brinjal	20.00	20.00	Final Progress report received
7	Management of root-knot nematode, <i>Meloidogyne incognita</i> in cucumber under protected cultivation	20.00	20.00	Final Progress report received
8	Assessment, validation and refinement of disease management technology for vegetable crops	30.00	30.00	30.06.2024
9	Enhancing rice production in high-altitude areas of Himachal Pradesh by development and popularization of high yielding, cold tolerant japonica rice varieties through farmers’ participatory approach	40.00	40.00	Final progress report awaited
10	Genetic amelioration of Kala Zeera ( <i>Bunium persicum</i> Boiss) using tissue culture/micro propagation approach	30.00	30.00	Final progress report awaited
11	Popularization of potential A B C crops of North Western Himalayas as vegetable and seed under organic and natural farming conditions through participatory plant breeding. (A B C= Amaranthus, Buckwheat and Chenopodium)	30.00	30.00	30.09.2024
<b>TOTAL</b>		250.00	250.00	



# Infrastructure development at SAU for vegetable seed production:

- 3 Farms of 20 Ha area are being developed within the department of Seed Science & Technology, CSKHPKV, Palampur.
- The objectives is to establish the model seed production farm for quality seed production
- The target seeds are nucleus, breeder, foundation and certified/TL of vegetables, pulses, oilseeds, forage and grasses, spices and cereals.

## • Model Seed Farm at SAUs



## Breeder Seed Production of Broccoli (Palam Samridhi)







# Strengthening of market yards: Support to the H.P. State Agriculture Marketing Board



Sr. No.	Name of Sub Market Yard	Expenditure upto March, 2024 (in lakh)
1	Sub Market Yard Kangra/Jassor	1.22
2	Sub Market Yard Kangra/Passu	0.91
3	Sub Market Yard Kullu& LS/ Chauribihal	2.85
4	Sub Market Yard Kullu& LS/ Patlikuhal	0.45
5	Sub Market Yard Kullu& LS/Khegsu	0.09
6	Sub Market Yard Mandi/Takoli	5.28
7	Sub Market Yard Sirmour/ Nohradhar	2.20
8	Sub Market Yard Shimla & Kinnaur/Tapri	1.85
9	Sub Market Yard Sirmaur/Ghandoori	0.93
10	Sub Market Yard Sirmaur/Khairi	1.07
11	Sub Market Yard Solan/Solan	9.71
12	Sub Market Yard Solan/Vaknaghat	2.65
13	Sub Market Yard Solan/Kunihar	1.80
<b>Total</b>		<b>31.01</b>



**THANK YOU**