

HIMACHAL PRADESH AGRICULTURE DEVELOPMENT SOCIETY

ANNUAL REPORT 2022-23



H.P. Crop
Diversification
Promotion Project
JICA-ODA



ALWAYS COMMITTED TO THE PROSPERITY OF FARMERS



H.P. CROP DIVERSIFICATION PROMOTION PROJECT



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ACKNOWLEDGEMENT

In June 2021, Phase-II of the H.P. Crop Diversification Project (HPCDP), supported by the Japan International Cooperation Agency (JICA), commenced with Rs. 1010.60 crore following the successful completion of Phase-I in five districts of Himachal Pradesh. The project is being executed under the HP Agriculture Development Society, established under the Society Registration Act of 2006 (Registration No. 43/2011 dated 07-02-2011). The society functions through the Governing Council/Body, chaired by the Hon'ble Agriculture Minister to the GoHP, and the Executive Committee, headed by Secretary (Agri.) to the GoHP.

The report presents the project's activities undertaken in the year 2022-23 across twelve districts of Himachal Pradesh. Within the report, an overview of the progress achieved during this period is presented. My gratitude knows no bounds as I extend my heartfelt appreciation to the Hon'ble Agriculture Minister, whose distinguished leadership as the Chairman of the Governing Council of the Society imparts unwavering inspiration, guidance, and support to each of us, fueling our dedication to the welfare of farmers and the agricultural community. Likewise, our appreciation extends to the Chief Representative of JICA-India, whose counsel, invaluable suggestions, and unwavering backing have catalysed us to revisit our plans, fortify strategies, and harness amplified technical support.

I extend thanks to consultants, service providers, colleagues, and field officers for their technical support and assistance in preparing this report. Special thanks goes to the Department of Agriculture for supplying key staff to the project. This report showcases achievements and accomplishments in the year 2022-23 and acknowledges the Government of Himachal Pradesh (GoHP), Government of India (GoI), and JICA.

Dr. Sunil Chauhan

Project Director

HPCDP JICA



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1. INTRODUCTION

Agriculture in Himachal Pradesh

Himachal Pradesh is a hilly state located at the foot of the Western Himalayas, with an area of 5.57 million hectares and a population of over 7 million approximately.

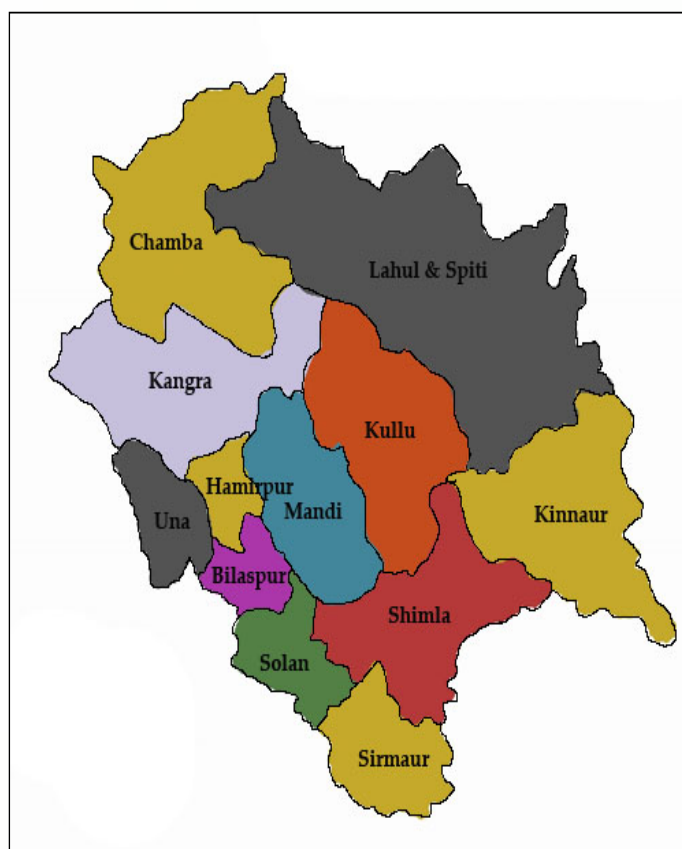
Nearly 70 percent of working population in the state is engaged in agriculture, but agriculture accounts for only 10.4 percent of the gross state domestic product. The low agriculture productivity partly attributes to the fact that the area available for growing crops is limited to 10 percent of the total land of the state, due to the hilly and tough terrain, thus more than 87 percent of the farmers are marginal and small landholders with average holding size of < 1.00 Ha. Also, only 20 percent of the cultivable area has irrigation facilities, while the rest has to depend on the rains.

Thus, majority of the farmers in the state remain engaged in traditional cultivation of the food grains, not being able to diversify to more profitable commodities, such as vegetables and high value crops.

In order to boost the agriculture development and enhance the farm income in the rural areas, it is, therefore, important to increase the productivity of the existing cultivated area, through shifting from self-subsistence crop cultivation to diversified agriculture, by adopting cash crops such as vegetables etc. suitable for the areas. As such overcoming the major constraints of limited irrigation facilities, farm access roads and insufficient marketing facilities, is highly essential.

H.P. LAND USE AT A GLANCE

	Area (Ha)
Total Geographical Area	55,67,300
Forests	11,05,997
Barren & Un-cultivated lands	7,83,404
Land put to non-agricultural use	3,48,649
Permanent pastures	15,03,833
Cultivable waste lands	1,28,224
Other fallow lands	22,109
Current fallows	59,991
Net area sown	5,38,412
Area sown more than once	4,02,185
Average annual rainfall	1075 mm
Gross irrigated area	1,91,000
Net irrigated area	1,09,940
Total cropped area	9,40,597



2. ABOUT THE SOCIETY

Himachal Pradesh Agriculture Development Society (HPADS) was established as an autonomous organization outside the Department of Agriculture, H.P., on Feb. 7, 2011 under HP Society Registration Act, 2006 for smooth & effective implementation of the JICA assisted project. The society consists of the following bodies: -

- Governing Council (The General House)
- Executive Committee
- Project Management Units

The Governing Council in its first meeting held on January 6, 2011, approved the memorandum of association, Rules & Regulations of HPAD Society and subsequently, its registration under the Act, the instrument of society came into force.

Main objectives

- The society is an independent and autonomous body with the main aim to enhance farmer's income through sustainable and diversified farming system in Himachal Pradesh.
- To implement the project "Himachal Pradesh Crop Diversification Promotion Project" in Himachal Pradesh with due diligence and efficiency and in conformity with appropriate powers and with due regard to social and environment guidelines, acceptable to stakeholders and the govt. of Himachal Pradesh in accordance with the MOU signed between the funding agency, GOI and GOHP.

After the successful implementation and completion of Phase-I of HPCDP Project, the Govt. of H.P. renotified the Governing body and Executive Committee of Himachal Pradesh Agriculture Development Society (HPADS) for implementation of Phase-II of H.P. Crop Diversification Promotion Project, JICA-ODA on 5th March, 2021

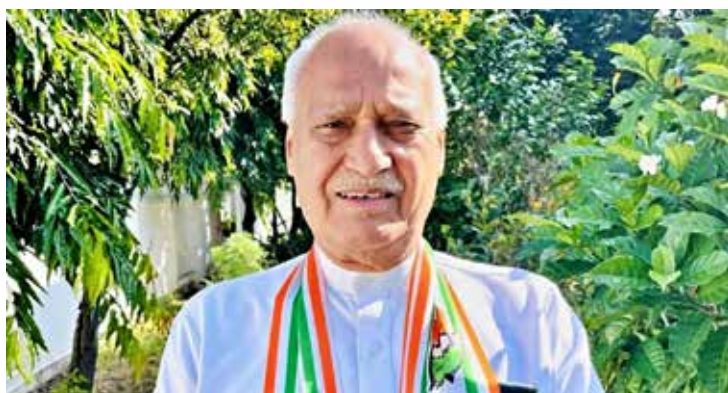
Powers & Functions of the Governing Council

The Governing Council have the following powers and functions:

1. Observe the provisions of the memorandum of Association rules and such instruction of Govt. of H.P. in department dealing with the affairs of the Himachal Pradesh Agriculture Development Society, as may be issued, from time to time.
2. Exercise general control and issue such directions for the efficient management and administration of the affairs of the HPADS, as may be necessary.
3. Nominate members of the Executive Committee in accordance with rules.
4. Approve the annual budget of the HPADS, drawn up by the Executive Council and approve the budget for submission to the Govt. of H.P., for sanction of grants.



5. Consider the annual report approved by the Executive Committee.
6. Consider the balance sheet and audited accounts.
7. Add and amend, with prior approval of the Govt. of H.P., rules of the HPADS.
8. Form bye-laws, not inconsistent with these rules and the memorandum of association for the management, administration & regulation of the business of the HPADS for the furtherance of its objectives.
9. To constitute committees, with or without powers to control, namely:
 - i. Executive Committee.
 - ii. Any other committee deemed necessary.
10. To perform such other functions as are entrusted to it, under these rules.
11. The Governing Body may by resolution delegate the powers to its chairman or of any Standing Committee or the Project Director, State PMU or to any other officer of the HPADS, such of its powers for the conduct of business, as it may deem fit.



Hon'ble Agriculture Minister
to the GoHP chairman of
Governing Council

Powers & Functions of the Executive Committee

The Executive Committee shall have the following powers and functions:

1. It shall be the responsibility of the Executive Committee to endeavour to achieve the objective of the Society and to discharge all its functions. The Executive Committee shall exercise all administrative and financial powers including powers to create posts of all descriptions and make appointments, thereon, in accordance with regulations.
2. The Executive Committee shall have under its control the management of all the affairs and funds of the Society.
3. The Executive Committee shall have the powers and responsibilities in respect of the following:
 - i. To frame, regulation with the approval of the State Government.
 - ii. To frame amend or repeal any bye-laws for the conduct of activities of the Society, in furthering its objectives with the approval of the Governing Council.
4. The Executive Committee shall have the powers to enter into agreement(s) with other public or private organizations or individuals for furtherance of the objectives of the society.



5. The Executive Committee shall have the powers for securing and accepting endowments, grants-in-aid, donation, or gifts to the Society on mutually agreed terms and conditions, of which shall not be inconsistent or in conflict with the objectives of the Society or with provisions of these rules.
6. The Executive Committee shall have the powers to take over and/ or acquire in the name of the Society by purchase, gift or otherwise from Government and other public bodies or private individuals, any movable and immovable properties in the State or elsewhere or other funds together, with any attendant obligation and engagement, not inconsistent with the objectives of the Society and the provisions of these rules.
7. The Executive Committee shall take all steps to establish Project Management Unit or any other institution at State Level, District Level and Block Level required for the successful implementation of the project.
8. The Executive Committee shall have the powers to sell or give on lease any movable or immovable property of the Society provided, however, that no asset of the Society created out of Govt. grants shall without the approval of the Government be disposed off, encumbered or utilized for purpose other than those for which the grant was sanctioned.
9. The Executive Committee shall also:
 - i. Consider and approve the Annual Plan of Operation of Project “Himachal Pradesh Crop Diversification Promotion Project”.
 - ii. Consider and approve the Annual budget of the project.
 - iii. Sort out problems in the implementation of the project.
 - iv. To ensure coordination with the line Departments/ Agencies for the project activities.
 - v. To review the implementation of the activities under the project.
 - vi. Perform any other works assigned by the Government.
10. The Executive Committee may delegate to the Chairman, Project Director or any of its members and/or to a Committee/Group or any other officer of the Society/project such administrative and financial powers and impose such duties as it deems proper and also duties that are to be exercised or discharged in furtherance of the objectives of the society.



**Agriculture Secretary
to the GoHP chairman of
Executive Committee**



3. ABOUT JICA

The Japan International Cooperation Agency (JICA) is a governmental agency that delivers the bulk of Official Development Assistant (ODA) for the Government of Japan. It is chartered with assisting economic & social growth in developing countries and the promotion of international cooperation. JICA has its headquarters in Tokyo, Japan.



Japan International
Cooperation Agency
(JICA)



Established on October 1, 2003, under an Act (Act No. 136, 2002) of the Incorporated Administration Agency – JICA aims to contribute to the promotion of international cooperation as well as the sound development of Japanese and global economy by supporting the socio economic development, recovery or economic stability of developing regions. JICA's version is "Inclusive & Dynamic Development".

JICA has four missions, which include

- Addressing the global agenda,
- Reducing poverty through equitable growth,
- Improving governance, &
- Achieving human security.

JICA has following four strategies

- Integrated assistance
- Seamless assistance
- Promoting development partnerships
- Enhancing research & knowledge sharing

Presently JICA-INDIA is being headed by Mr. SAITO Mitsunori, as the Chief Representative, effective on August 24, 2021; who took over from Mr. KATSUO Matsumoto.

[\(https://www.jica.go.jp/india/english/\)](https://www.jica.go.jp/india/english/)



4. ABOUT THE PROJECT (Phase-II)

Keeping in view the achievements of Phase-I, it was envisaged to prepare and propose Phase-II of HPCDP. Subsequently, the DPR was prepared in Oct., 2018 and submitted to GoI for approval. JICA conducted preparatory survey between July-Dec, 2020 through online mode with the help of DoA & HPCDP Phase-I Team. The appraisal of the project was done by JICA mission in Dec., 2021. The Minutes of Discussion (MoD) were signed in February, 2021 between GoHP, GoI and JICA. The loan agreement was signed in March, 2021. To implement Phase-II of Project in the entire state, State Project Management Unit (SPMU), 4 District Management Units (DPMU) and 14 Block Project Management Units (BPMU) have been established under the HPADS.

It was decided that the main implementing and coordinating agency for project remains “Himachal Pradesh Agriculture Development Society”, constituted under Phase-I. In the nine years of project implementation, HPCDP Phase-II will incur funds amounting to ₹ 1010.60 crore in twelve districts of Himachal Pradesh through State Project Management Unit with its headquarter at Hamirpur, for the purpose of sustainable crop diversification by development of minor irrigation facilities and farm access roads as well as improvement of extension service function including vegetable cultivation and value chain & marketing. The expenditure against the project components will be incurred at the state, district and block levels in all the 12 districts viz; Hamirpur, Bilaspur, Kangra, Mandi, Una, Solan, Kullu, Shimla, Kinnaur, Chamba, Sirmour and Lahaul & Spiti.

Management Units of the Project

H.P. Crop Diversification Promotion Project, Phase-II is covering all the 12 districts of Himachal Pradesh. The project focuses on 306 sub-projects, where irrigation infrastructure being created and various farmers support activities being undertaken.

The project consists of the following units.

State Project Management Unit (SPMU): -

Number of Units: One

Location: Agriculture Complex, District Hamirpur

Tele-Fax: 01972-223059

E-mail address: pdcdp-hp@nic.in & pmucdp-hp@nic.in

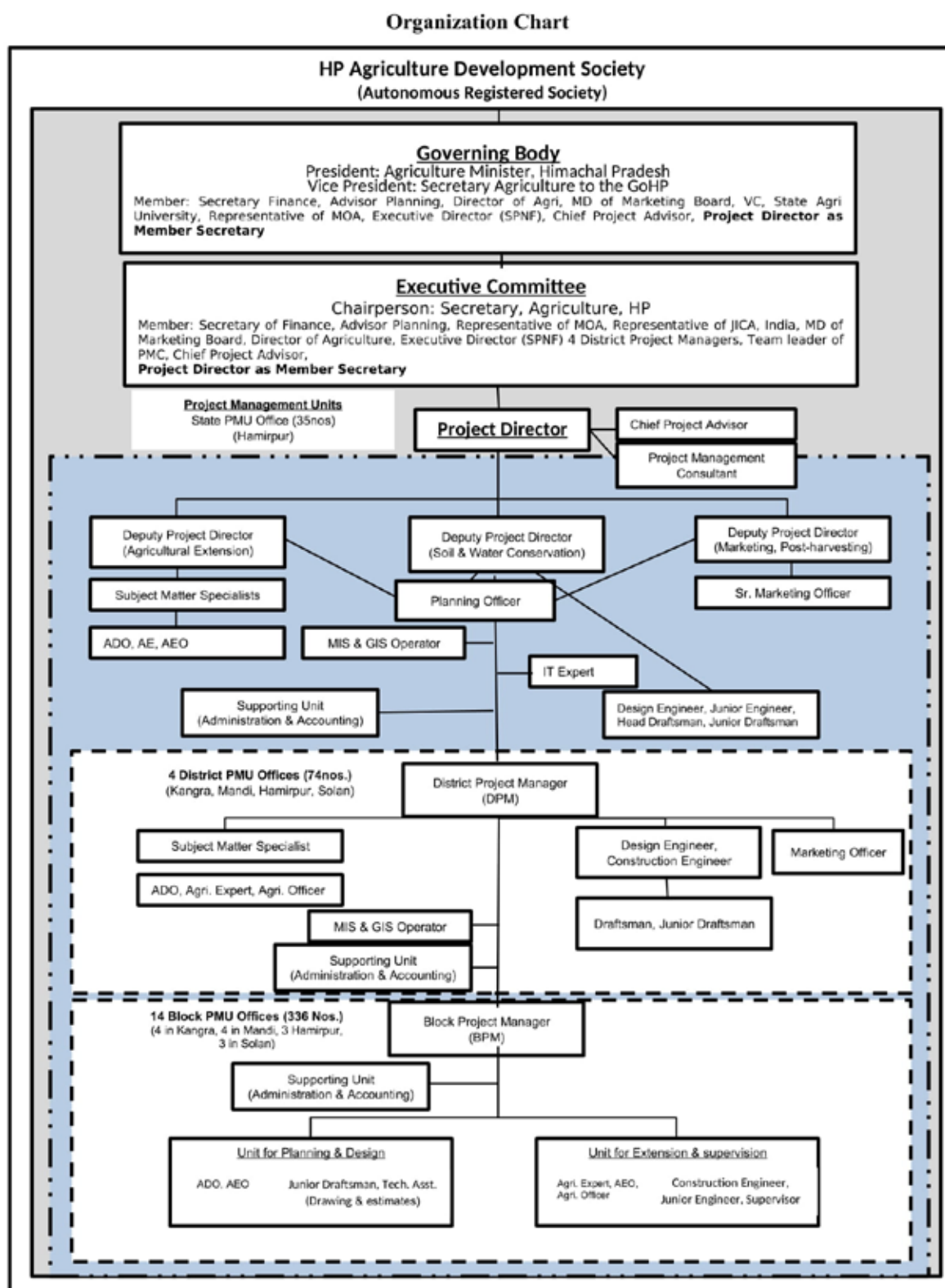
Website: hpcdp.nic.in

Functions of the State PMU: -

The State PMU is entrusted with the overall managerial charge of implementation of the project. State PMU lead the overall project planning, project coordination including that with JICA overall procurement management, financial management including collating the expenditure statements from District level PMUs and Block level PMUs and consolidate these for submitting the reimbursement claims to JICA, monitoring and evaluation, and preparation of reports such as Quarterly Progress Reports and Project Completion Report etc.



Organogram of the HPADS for HPCDP (Phase-II), JICA-ODA



District Project Management Unit (DPMU): -

Four district PMUs established in the District of Kangra (Palampur), Mandi, Hamirpur & Solan

i. District Project Management Unit, Hamirpur (covers Districts Hamirpur, Bilaspur & Una)

Location: District Project Management Unit, HPCDP JICA-ODA, Phase-II, Hamirpur Agriculture Complex, District Hamirpur – 177001 H.P.

E-mail address: dpmcdp-ham-hp@nic.in

ii. District Project Management Unit, Palampur at Kangra (covers Districts Kangra & Chamba)

Location: District Project Management Unit, HPCDP JICA-ODA, Phase-II, Palampur

Top Floor, Bio Control Laboratory, Palampur, District Kangra -176062 H.P.

E-mail address: dpmcdp-kan-hp@nic.in

iii. District Project Management Unit, Mandi (covers Districts Mandi, Kullu, Lahul & Spiti)

Location: District Project Management Unit, HPCDP JICA-ODA, Phase-II, Mandi Agriculture Complex, Jawahar Nagar, Mandi -175001 H.P.

E-mail address: dpmcdp-man-hp@nic.in

iv. District Project Management Unit, Solan (covers Districts Solan, Shimla, Sirmour & Kinnour)

Location: District Project Management Unit, HPCDP JICA-ODA, Phase-II Solan Village Kailer P.O. Saproon Tehsil & District Solan H.P. 173211

E-mail address: dpmcdp-sol-hp@nic.in

Functions of DPMU: -

The main functions of District PMUs are to conduct district level monitoring and supervision by PDCA (Plan-Do-Check-Action) cycle management as well as utilizing the MIS and GIS systems and undertake quality control measure of work to be done by Block PMUs. They shall also review, the detailed project design and other reports to be submitted to State PMU for final approval.

Block Project Management Unit (BPMU): -

Number of Units: 14

Locations:

Four under DPMU Kangra viz., Palampur, Kangra, Dharamshala & Chamba

Four under DPMU Mandi viz., Mandi, Kullu, Gohar & Sarkaghat

Three under DPMU Hamirpur viz., Hamirpur, Bilaspur & Una

Three under DPMU Solan viz., Solan, Nahan & Rampur



Himachal Pradesh Agriculture Development Society

Functions of BPMU: -

Block PMU has following major functions:

- Community organization and their capacity building.
- Sub project level planning for project outputs in the shape of DPRs, Sub-project Development Plans, including Crop Diversification Plan & Livelihood Development Plans.
- Supervision, quality and progress control of infrastructure development at sub-project sites.
- Leading the communities/ beneficiary farmers towards project outputs by relevant support through various project interventions.

Brief Background of HPCDP

DoA prepared and submitted detailed project report (DPR) through H.P. Agri. Development Society to Gol:	October, 2018
MoD signed	February, 2021
Discussion with Contact Mission, Fact Finding Mission, Appraisal Mission and Loan Agreement Signed (ID-P290)	26 th March, 2021
Loan Effectuation	21 st July, 2021
Loan disbursement closing date	12 years after loan effectuation
Launching of Phase-II Project	16 th November, 2021

Project Description:

Project Name	Himachal Pradesh Crop Diversification Promotion Project (Phase-II)
Project Area	All 12 Districts of Himachal Pradesh
Project Duration	9 Years, (2021-2029)
Objective	Promoting sustainable crop diversification, increasing agricultural productivity and improving farm incomes.
Project Scope	To establish crop diversification model in 7 new districts, and expand the model to 5 Phase-I districts.

Features of Phase-II Project:

1. To promote crop diversification through development of necessary infrastructure in the Agriculture sector. Construction of infrastructure facilities like minor irrigation, farm road, solar pumping, solar/ electric fencing etc.
2. Training, capacity building of farmers/ extension workers.
3. Implementation of the project through public participation system by Krishak Vikas Associations (KVAs), Self Help Groups, Farmer Groups & Focused Groups.
4. Enhancing opportunities for improving livelihoods through dairy, beekeeping, backyard poultry, service sector, mushroom, shiitake mushroom cultivation and farm fish culture.
5. Promotion of innovative activities like nutritional reforms, etc.



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Himachal Pradesh Agriculture Development Society

6. Ensuring a strong demand driven marketing system and setting up of 10 FPOs.
7. Capacity building of the community to take over the operation & maintenance of created Infrastructure.
8. Institutional development by strengthening agriculture department, strengthening extension service work and baseline survey, impact assessment, etc.

5. Project Cost:

	(Rs. in Crore)	(Mill. Yen)
Total Project cost	1010.60	14148
JICA Portion (Loan)	807.30	11302
State Share	203.30	2846

6. Project Component:

Name of component	Activities	Layout (₹ in Crore)
Infrastructure Development	Development of Minor Irrigation (FIS 191, LIS 94, TWIS 11, Convergence with existing I & PH schemes 10, Total 306), Micro Irrigation Systems, Catchment Area Treatment, Solar Pumping Systems, Farm Access Roads, Solar, Electric, Barbed and Chain Link Fencing, Infrastructure Development Support, Surveying, Testing and Designing.	330.72
Farmer Support Component	KVA capacity building, training on vegetables, food crops and value addition, agricultural machinery, development of 3 model seed farms, 11 research projects, small poly/net houses, tunnels, soilless farming, soil testing kits, plastic mulches and anti-hail nets, Support for livelihood through Poultry, Dairy, Fisheries, Mushroom, Shiitake Mushroom, Bee keeping, Service Sector Entrepreneurs, nutrition improvement (kitchen garden etc.) shall be undertaken.	108.50
Value Chain and Market Development	Formation of 10 FPOs, modernization of facilities in APMC	63.30
Institutional Development	Baseline Survey, Medium Term and Terminal Evaluation, Gender Mainstreaming	157.50
Price Escalation		56.90
Physical Contingency		35.80
Consulting Services @ 0.15 % & 1 INR = 1.40 JPY		54.60
Total JICA ODA Loan @ 1.15 % and 1 INR = 1.40 JPY		807.30
State's share (Non-Eligible) 20%		203.30



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Himachal Pradesh Agriculture Development Society

7. Qualitative and Quantitative Indicators of the project:

Item	Unit	Current Status	Post Project Status
Irrigation Beneficiary Area	Ha.	1745.26	7933
Micro Irrigation	Ha.	-	560
Miscellaneous area under vegetables in (both seasons)	Ha.	576.72	6944
Vegetable cultivating farmer	No.	3100	9000
increase in yield	M/T/Ha.		
Vegetables	M/T/Ha.	10.17	24.00
Cereal		2.00	2.83
Gross Annual Agricultural Income	₹/Ha.	62,605	2,50,000
Formation of FPOs	No.	-	10
Solar pumping unit	No.	-	83
Number of SHG established	No.	-	100

8. Physical & financial status:

Physical & Financial Progress Report of HPCDP (Phase-II), JICA-ODA for the Financial Year 2022-23

Physical & Financial Progress of External Aided Project for the Financial Year 2022-23						
(Rs. In Lakhs)						
S. N.	Item	Unit	Targets for APO 2022-23		Achievements 2022-23	
			Physical	Financial	Physical	Financial
1. Infrastructure Development						
1.1.1	Minor Irrigation			1.29		1.21
1.3.2	Survey, Investigation, Design & Estimation (Preparation of DPR)	No.	120	178.78	96	126.88
Total (1)			120	180.07	96	128.09
2. Farmers' Support Component						
2.1	Formation and Strengthening KVA					
2.1.1	Awareness Camp involving Community	No. of training	142	8.29	139	8.12
2.1.2	Formation and formalization of KVAs					
1	Workshop of group to develop objectives and norms	No. of training	114	3.72	101	3.31



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Himachal Pradesh Agriculture Development Society

2	Training to MC members on role and responsibility	No. of training	6	2.76	6	2.76
3	Exposure visit of MC members to KVA in other area of HP	No. of training	8	6.27	8	6.27
2.3	Research and Seed Production					
2.3.1	R & D support (11 Sub projects)-2nd year phasing	No.	Under Progress (11)	93.35	Under Progress (11)	93.35
2.3.2	Infrastructure development at SAU for vegetable seed production-2nd year phasing	No.	Under progress (1)	197.80	Under progress(1)	197.80
2.4	Innovative activities					
2.4.1	Establishment of centre of excellence for vegetable nursery production(SAU)- 1st year phasing	No.	Under progress (1)	15.50	Under progress(1)	14.30
2.4.2	Trial for soil less cultivation/Fan Pad GH with vertical system- 1st year phasing	No.	Under progress (1)	21.48	Under progress(1)	21.48
2.5.2	Mushroom cultivation on cost sharing basis 80:20	No.	-	1.42	-	1.42
2.5.7	Promotion of Shiitake Mushroom Cultivation (Management Cost for SCTC)	No.	1	12.00	1	11.73
Total (2)				362.59		360.54
3.Value Chain and Market Development Component						
3.4	Modernizing facilities and equipment in Mandis	No.	Under Progress (13)	1350.00	Under Progress (13)	1185.53
Total (3)				1350.00		1185.53
4. Institutional Development Component						
4.1	Strengthening of DOA					
4.1.1	Recruitment of PMU Staff (Out-Source)	No.	1	570.07	1	456.93
4.1.2	Capacity Development of Project Staff on PDCA Cycle					
1	Orientation Workshop of PMU Staff	No.	-	0.38	-	0.38
2	Training of District & Block Project Managers on PIM, PRA and CDP	No.	1	0.45	0	0.00
3	Conceptual Training for PMU Staff on PDCA Cycle	No.	-	0.07	-	0.07



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4	Workshops to establish PDCA cycle	No.	0	0.00	0	0.00
5	Exposure Visits of PMU Staff (Other States)	No.	0	0.00	0	0.00
6	Peer Learning Workshop	No.	1	0.19	1	0.19
7	Organizing periodical review meetings, workshops etc.	LS	-	4.99	-	4.13
8	HRD training on Team building, leadership, Motivation/inspiration and Stress management.	No.	4	5.85	4	5.85
9	Agriculture Extension Training	No.	1	0.55	1	0.55
10	Engineering Training	No.	1	1.97	1	1.97
4.1.7	Procurement of ICT related equipment					
1	Procurement of general use IT equipment	LS	-	15.06	-	12.56
7	Hiring of Services for Development of software application	LS	-	0.11	-	0.11
4.1.8	Construction of Training Centers	No.	Under progress(2)	167.08	Under progress(2)	148.07
4.1.9	Procurement of Equipment and Tools to PMU					
1	Rented accommodation for office space for 2 DPMU	LS	-	7.50	-	6.81
2	Rented accommodation for office space for 10 BPMU	LS	-	18.20	-	16.62
3	Furniture & office-equipments, (New PMUs)	LS	-	21.17	-	21.17
4	Replacement/ updation of Furniture	LS	-	1.24	-	1.06
5	Transport facilities at PMU Procurement of 3 vehicles (SPMU 3) and hiring of 24 No. MUV (SPMU 2,DPMU08,BPMU 14), 20 no Motor cycles, Scooties 20 No	LS	-	108.56	-	91.54
6	Rental accommodation for extension officers (70 sites)	LS	-	3.27	-	2.90
7	Publicity events, public awareness materials, inaugural ceremonies of sub projects	LS	-	1.47	-	1.17
8	Hiring of support services	LS	-	9.54	-	9.54
11	Project Operational expenses	LS	-	16.90	-	15.18



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12	Countermeasures for COVID-19	LS	-	0.60	-	0.59
4.2	Strengthening of Extension Service Function					
4.2.1	Preparation of Information, Education and Communication (IEC) Material for Dissemination					
1	Posters	LS	-	0.50	-	0.00
2	Wall writings & fixing of posters	LS	-	0.00	-	0.00
4	Publication of handouts and manuals	LS	-	3.03	-	2.90
5	Preparation of video programs	LS	-	0.00	-	0.00
7	Farmers' fair in each cluster	LS	-	2.30	-	2.30
4.2.3	Capacity Development of Engineering Staff					
1	Application of the Guideline and Check list	No.	1	0.53	0	0.00
2	Data preparation and record keeping of pre-condition of each sub-projects.	No.	1	0.53	0	0.00
4.2.5	International/national/state level workshop/seminars	No.		0.00		0.00
3	State level workshop/seminars	No.	-	1.46	-	1.46
4.2.6	Overseas Training, Exposure/Study visits senior Project Staff	No.	2	81.79	2.00000	81.79
Total(4)				1045.38		885.85
Category A Total (1+2+3+4)				2938.05		2560.01
Category B Consultancy services				361.95		361.95
Category C Physical contingency				0.00		0.00
Grand Total of Eligible Portion(Category A+B+C)				3300.00		2921.97
Non Eligible						
Administrative cost				570.22		449.30
	Salary of DoA Staff			527.28		423.54
	TA			1.35		1.23
	Medical			2.91		2.83
	Office expenses			38.68		21.71
GST/Taxes/Front end fee/Import Tax and other taxes				129.78		88.66
Total of Non Eligible Portion				700.00		537.96
Grand Total (Eligible+Non-Eligible)				4000.00		3459.93



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9. Major Achievements / Project Progress:

1. Infrastructure Development Component:

- Under this component, survey, investigation, planning, and designing work in 296 sub projects is in progress.
- The Detailed Project Reports (DPRs) for 156 sub-projects has been prepared involving concerned Krishak Vikas Associations (KVAs).
- The Project Management Consultant (PMC) has reviewed and made recommendations for 37 DPRs.
- The process of E-tendering started to select contractors for the construction of minor irrigation schemes across 36 sub-project sites.



Survey Work along with Egis Team at FIS Dhar to Kunana under BPMU Solan



Planning and Preparation of DPR at FIS Salli Bhaleth under BPMU Dharamshala



Display Board at Dhadus under BPMU Bilaspur



Planning and Preparation of DPR at LIS Dhaneti Garlan under BPMU Palampur

2. Farmers Support Component:

Under Farmer Support Component, number of tasks were planned in APO which includes Awareness Camp involving Community, Formation and Formalization of KVAs, R & D support, Infrastructure development at SAU for vegetable seed production, Establishment of centre of excellence for vegetable nursery production, Trial for soil less cultivation/ Fan Pad GH with vertical system, Mushroom Cultivation on cost sharing basis 80:20 and promotion of Shiitake Mushroom.



- **Awareness Camp involving Community:** The primary objectives of the training programs were to enhance awareness among water user beneficiaries regarding project activities, crop diversification, project components, objectives, scope, operation, and maintenance of irrigation facilities, water management and equitable water distribution. The program also aimed to ensure that the participants were well-informed about the project's purpose and potential benefits. By the end of the financial year 2022-23, a total of 139 awareness camps were organized across various sub-project sites, with 13333 farmers being made aware during these camps by utilizing funds amounting to Rs. 8.12 lakhs.



Awareness camp involving Community at LIS Gharrat under BPMU Hamirpur



Awareness camp involving Community at FIS Nayi Kuhal under BPMU Palampur.

- **Formation and Formalization of KVAs:** Significant progress has been made in formalizing Krishak Vikas Associations (KVAs) across various Project Management Units (PMUs). An expenditure of Rs. 3.31 lakhs has been incurred up to March 2023. 101 group workshops were conducted to define KVA objectives and norms with active participation of 3,726 farmers. Additionally, six training sessions for KVA MC members were held across all DPMUs incurring an expenditure of Rs. 2.76 lakhs, involving 275 Management Committee (MC) members, focusing on clarifying their roles and responsibilities. In the training, the MC members were informed and apprised about different responsibilities of KVA members and likely issues they may face during the construction of irrigation facility and their role in monitoring the construction activity and quality control measures. Furthermore, eight exposure visits of MC members were planned and executed incurring expenditure of Rs. 6.27 lakhs, involving 84 MC members who visited functional KVAs in different areas of Phase-I project. As result of these efforts, a total of 180 Krishak Vikas Associations (KVAs) has been established, with 131 of them got registered under the HP Society Act 2006.





Training to MC members on Role & Responsibility at SPMU Hall, Hamirpur under DPMU Hamirpur



Workshop to Develop Objective and Norms at LIS Khatrod under BPMU Hamirpur

- **R & D support:** R & D support activities are allocated to SAU Palampur and the outcome of research results is monitored by PMU. In 11 ongoing R&D projects being executed by SAUs, project funds amounting to Rs. 93.35 lakhs utilized during the year and work is under progress. The summary of the R & D support activities is as follow:
 - ✓ Multi-location testing of CMS based hybrids of cauliflower in Himachal Pradesh
 - ✓ Multi-location testing of GMS based bacterial wilt resistant hybrids of chilli in Himachal Pradesh
 - ✓ Generation of double haploid through induced androgenesis in head cabbage (*Brassica oleracea* var. *capitata*)
 - ✓ Multilocal testing and validation of newly developed bacterial wilt resistant and high yielding bell pepper lines/hybrids in H.P
 - ✓ Development and promotion of management technology against insect-pests of Brinjal.
 - ✓ Management of root-knot nematode, *Meloidogyne incognita* in cucumber under protected cultivation
 - ✓ Assessment, validation and refinement of disease management technology for vegetable crops
 - ✓ 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.
 - ✓ Genetic amelioration of Kala Zeera (*Bunium persicum* Boiss) using tissue culture/micro propagation approach
 - ✓ 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)



A view of project activities in tissue culture laboratory (androgenic regeneration of cabbage plants)



Demonstration of DPT-1 and DPT-2 in Sirmour District of Himachal Pradesh





Evaluation of different Kala Zeera collections at MAREC, Sangla



Evaluation of fungicides and bio-agents against diseases of Capsicum at village Baleta in district Hamirpur.

- **Infrastructure development at SAU for vegetable seed production:** The development of a Model Seed Farm at CSKHPKV is near completion, with a fund utilization of Rs. 197.80 lakhs. The objectives of infrastructure development for vegetable seed production in the SAU is to establish the model seed production farm by utilizing/harnessing the maximum potential of University land resource by developing new farm area to put under quality seed production with irrigation facilities, other, related infrastructure and its protection against wild and stray animals. The target seeds are nucleus, breeder, foundation and certified/TL of vegetables, pulses, oilseeds, forage and grasses, spices and cereals. SAU will supply quality seeds to the farmers, which will support them to diversify the traditional cropping pattern as well as HRD in seed production of vegetables and other crops through training to farmers and enable them to produce the seeds at their own farms.



Seed Infrastructure development project (Dhobhi Ghaat Farm)



Seed Infrastructure development project (Dhobhi Ghaat Farm)



- **Establishment of centre of excellence for vegetable nursery production:** The total estimated budget for establishing the Center of Excellence for Vegetable Nursery Production is 60 lakhs, out of which 14.30 lakhs has been utilized for various activities, and remaining work is in progress. The objectives of this innovative initiative are to produce & multiply the quality planting material of different vegetable crops through soil less media, grafting and low tunnel techniques, disseminate skills among stakeholders related to seedling production, demonstrate the production of quality seedlings and promote the sale of high-quality seedlings at nominal rates.



Training cum Demonstration Programme at Panjala in Distt. Kangra



Healthy nursery production in growth chamber under CSKHPKV, Palampur

- **Promotion of Shiitake Mushroom:** Trials on Shiitake Cultivation at SCTC, Palampur started in April, 2022 and protocols for standard production technologies and cultivation practices suited to local conditions have been developed which has resulted in excellent quality & production of Shiitake Mushrooms. On an average one shiitake block can yield 800gm to 1kg fresh shiitake produce. Rs. 11.73 lakhs have been utilised at SCTC, Palampur during FY 2022-23. Cluster based approach for training to the farmers of different sub projects has been adopted and after standardisation of cultivation protocols, 25 no. farmers were provided 6 days comprehensive training on Shiitake cultivation. Shiitake mushroom being highly perishable having freshness span of 2-5 days at room temperature are being sun dried for increasing their shelf life and quality enhancement.



Training on "Cultivation of Shiitake Mushroom" at SCTC Palampur



Training on "Post Harvest Management of Shiitake" at SCTC Palampur



- Household Surveys & PRA exercises have been completed in 147 sub-projects. Analysis & interpretation of primary and secondary data collected from these sub-projects is in progress for preparing crop diversification and livelihood development plans.



Baseline survey at LIS Sidhpur under BPMU Sarkaghat



Baseline survey at FIS Chamruhal Kuhal under BPMU Palampur

3. Value Chain & Market Development

Ongoing construction efforts within 13 Mandis of APMC are focused on strengthening of market yards by modernizing facilities. The primary objective is to empower farmers and traders, enabling them for marketing of agricultural produce more efficiently and profitably. This effort has far-reaching impacts, benefiting the entire supply chain for vegetables and fruits, not only within Himachal Pradesh but also extending to regions beyond its borders. Amount of Rs. 17.255 crore has been utilized upto March, 2023 by the project through HPSAMB, Shimla, with the objective of upgrading designated APMC Market Yards by providing the primary space for farmers to display their produce for auction, ensuring a hygienic and regulated trading environment. Auction halls have been constructed to facilitate the trading process with seating arrangements for producers and farmers. Additionally, construction of boundary and protection walls has been done to provide security in the trading area and ensure the safety of the agricultural produce. Also Kisan Bhawans have been constructed which are equipped with facilities like meeting rooms, restrooms & stay arrangements of farmers who travel from afar places to trade at the AMPC. Shops in the APMC were also constructed which serves as door steps market facility for farmers and traders.

The detail of the upgraded Sub Market Yards along with utilized amount up to March 2023 is as follows:

Sr. No.	Name of Sub Market Yard	Expenditure upto March, 2023 (in lakh)
1	Sub Market Yard Kangra/Jassor	72.68
2	Sub Market Yard Kangra/Passu	86.59
3	Sub Market Yard Kullu & LS/ Chauribihal	174



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Sr. No.	Name of Sub Market Yard	Expenditure upto March, 2023 (in lakh)
4	Sub Market Yard Kullu & LS/ Patlikuhal	45
5	Sub Market Yard Kullu & LS/Khegsu	9
6	Sub Market Yard Mandi/Takoli	264
7	Sub Market Yard Sirmour/ Nohradhar	59
8	Sub Market Yard Shimla & Kinnaur/Tapri	185
9	Sub Market Yard Sirmaur/Ghandoori	74
10	Sub Market Yard Sirmaur/Khairi	107
11	Sub Market Yard Solan/Solan	351
12	Sub Market Yard Solan/Vaknaghat	162
13	Sub Market Yard Solan/Kunihar	136
Total		1725

The upgrading of infrastructure facilities within APMCs not only modernizes these essential centers but also plays a pivotal role in enhancing the efficiency and profitability of agricultural trading.



Sub Market Yard Kunihar, APMC Solan



Sub Market Yard, Ghanduri, APMC Sirmaur



Sub Market Yard Takoli



Sub Market Yard Chaurbihal (Manali)



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Sub Market Yard Jassur



Sub Market Yard Khairi



Sub Market Yard Tapri



Sub Market Yard Passu



Sub Market Yard Solan



Sub Market Yard Wagnaghat



Sub Market Yard Bhattakuffar



Sub Market Yard Patlikuhal



Sub Market Yard Khegsu



4. Institutional Development Component: Under the Institutional Development Component of the project, various activities have been proposed. These activities mainly aim to enhance the capacity of PMU staff through trainings at premier institutes as well as study/exposure visits to the sites having successful introduction of technological innovations in the relevant field within & outside the state.

- **Capacity Development of Project Staff on PDCA Cycle:** To enhance the capabilities of the PMU staff for implementation of project activities, 4No training/workshops focused on Capacity Development particularly application of PDCA cycle in project implementation were conducted at the Himachal Institute of Public Administration in Shimla. These workshops aimed to foster a shared understanding among the PMU staff about the correlation and purpose of each project activity.
- Capacity development program targeting extension officers of the PMUs was carried out at SAU, specifically focusing on farm economy management.
- Two orientation workshops were conducted at the State Project Management Unit, aimed at aligning all stakeholders with the project's objectives and processes.



Capacity Development of Project Staff on PDCA Cycle



Capacity Development of Project Staff on PDCA Cycle

- **Procurement of ICT related equipment:** The equipments have been procured for the establishment of an MIS and ICT system in the PMU, amounting to 12.56 lakhs in the financial year 2022-23. The MIS/ GIS cell of SPMU, undertook several key activities, including:
 - Drafting a scope of work for the development of an integrated MIS-GIS application, outlining the selection process for a services provider agency.
 - Designing formats using platforms such as Google Forms to efficiently collect primary data related to project activities.
 - Developing standardized formats for the regular updating of financial reports and the Annual Plan of Operation (APO).
- **Construction of Training Centers:** Construction of two no. training centers at Solan and Hamirpur is under progress. Rs. 1.48 crores has been utilized during the financial year 2022-23 for this activity. The primary objective of these training centers is to facilitate training, meetings, seminars, workshops, and peer learning for the beneficiaries of the PMU's and other extension activities.





Farmer Training Centre site at Bangana



Beam reinforcement at FTC Solan.

- Overseas Training, Exposure/Study visits seminar Project Staff:** Two international exposure visits cum training programs were conducted during the Financial Year 2022-23 for officers from the Project Management Unit (PMU) and the Department of Agriculture (DoA) with a total expenditure of Rs. 81.79 lakhs. The focus of these exposure visits was Agriculture Marketing and Value Chain. These visits will promote understanding of advanced techniques in vegetable cultivation, agricultural product marketing channels, insights into the latest irrigation management practices, operation and maintenance (O & M) of assets created through participatory approaches and post-harvest management including processing and value addition of agricultural produce. The first batch comprising of 5 officers attended the exposure visit from 26th November to 7th December, 2022. The study visit of second batch comprising of 5 participants took place from 4th December to 12th December, 2022. The detail report of visits and its learning submitted to Govt. HP/ JICA India and shared with the PMU's.



Visit to the JA ZenNoH, National Federation of Agricultural Cooperative Associations, Tokyo



Ota Market, located in the Tokyo Bay area



Katori Farm, Japan



Izu Fruit Farm, Japan



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Visit to the Ashikaga University



Visit to Mistsui Outlet, Kitahiroshima



Crab Market in Sapporo



Agriculture Promotion Section, Furano



Visit to JICA Tokyo at Nibancho
Center Building Tokyo, Japan



Visit to Ashikaga Institute of Technology (OMAE
Campus) in Ashikaga, Japan



Visit to the Izu Fruit Farm, 181-1 Tsukahara Shinden,
Mishima, Shizuoka 411-0016, Japan



Visit to the Hasegawa's Mushroom Farm, Japan



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Himachal Pradesh Agriculture Development Society

• Meetings of Executive Committee:

3rd Executive Committee meeting was held on 9th June, 2022 under the Chairmanship of Sh. Rakesh Kanwar, Secretary (Agriculture) to the Govt. of Himachal Pradesh at HP Secretariat, Shimla. In this meeting the status of preparedness as well as pace of ongoing activities was discussed.

- The EC ratified the approval accorded by the Chairman EC to give financial assistance of Rs. 3 Crore from Society funds to the Animal Husbandry Department to set up new cow sanctuary at Beetan, Distt. Una.
- The proposal for payment of minimum wages to the outsourced employees and working in HPCDP as per H.P. Minimum Wages Act 1948 was also approved by EC.
- The Chairman directed the Project Director to consult the CA/experts regarding payment of employer's share of EPF/ESIC to the outsourced staff of HPCDP with MD HPSAMB and EPFO and other agencies who have hired similar outsourced staff and to bring the matter to discussion in the next EC meeting.
- Annual Report of Himachal Pradesh Agriculture Development Society for the year 2020-21 was also approved by EC.
- Proposal for substitution of 140 sub projects sites has also been approved by the EC.
- The contract negotiation report with the highest ranked bidder i.e. AECOM India Pvt. Ltd has been submitted to JICA India on dated 26.05.2023 for their concurrence and the chairman EC requested JICA India representative to accord their report at the earliest so that PMC is in mid July, 2022 to start review of DPRs and tendering process for construction activities could be started and expenditure could be incurred as per the APO.
- The Chairman EC pointed out the difference between formation and registration of KVAs. He further directed that all the concerned DPMs/BPMs should personally visit the Registrar/SDM offices to attend to the queries and issues if there is a problem the same may brought his notice with facts.



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Photographs of JICA Mission



Farmers Support Activities under HPCDP JICA ODA Phase-II



Awareness Camp Involving Community at LIS Gharrat under BPMU Hamirpur



Workshop of Group to Develop Objectives and Norms at FIS Dhooni Kuhal under BPMU Palampur



Himachal Pradesh Agriculture Development Society



Awareness camp at KVK Bajaura Distt. Kullu under BPMU Kullu



Awareness Camp Involving Community at FIS Jaladi Jasoh under BPMU Chamba



Awareness Camp Involving Community at FIS Anuhal under BPMU Palampur



Awareness Camp Involving Community at FIS Kansa Khad-Plahota under BPMU Mandi



Awareness Camp Involving Community at FIS Dhooni Kuhal under BPMU Palampur



Workshop of Group to Develop Objectives and Norms at TWIS Ispur (Pathak Mohalla) under BPMU Una



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Baseline surveys conducted at various subprojects under HPCDP JICA ODA-Phase-II



Baseline survey at FIS Chamruhal kuhal under BPMU Palampur



Baseline survey at FIS Dhooni kuhal under BPMU Palampur



Baseline survey at FIS Malti Kuhl under BPMU Kangra



Baseline survey at FIS Giri to Khadar under BPMU Nahan



Baseline survey at FIS Khaldar under BPMU Solan



Baseline survey at FIS Dhooni kuhal under BPMU Palampur



Baseline survey at FIS Chharehra under BPMU Kullu



Baseline survey at FIS Osal Jamura under BPMU Chamba



Survey, Investigation and Design works under HPCDP JICA ODA Phase-II



Visit regarding Planning and Preparation of DPR at FIS Jaral Khad to Samrahan under BPMU Mandi



Visit regarding Planning and Preparation of DPR at FIS Bahdu Ropa under BPMU Palampur



Survey Work along with Egis Team at FIS- Moorang Nallah to Karba BPMU Rampur



Survey Work along with Egis Team at FIS- Thuwaring Kwalo to Lanen under BPMU Rampur



Visit regarding Planning and Preparation of DPR at LIS Kharwar under BPMU Hamirpur



Survey Work along with Egis Team at FIS Surul Kuhal under BPMU Chamba



Visit regarding Planning and Preparation of DPR at FIS Banjwar Baroti under BPMU Chamba



Visit regarding Planning and Preparation of DPR at FIS Chandpur under BPMU Solan



HIMACHAL PRADESH AGRICULTURE DEVELOPMENT SOCIETY



H.P. CROP DIVERSIFICATION PROMOTION PROJECT

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