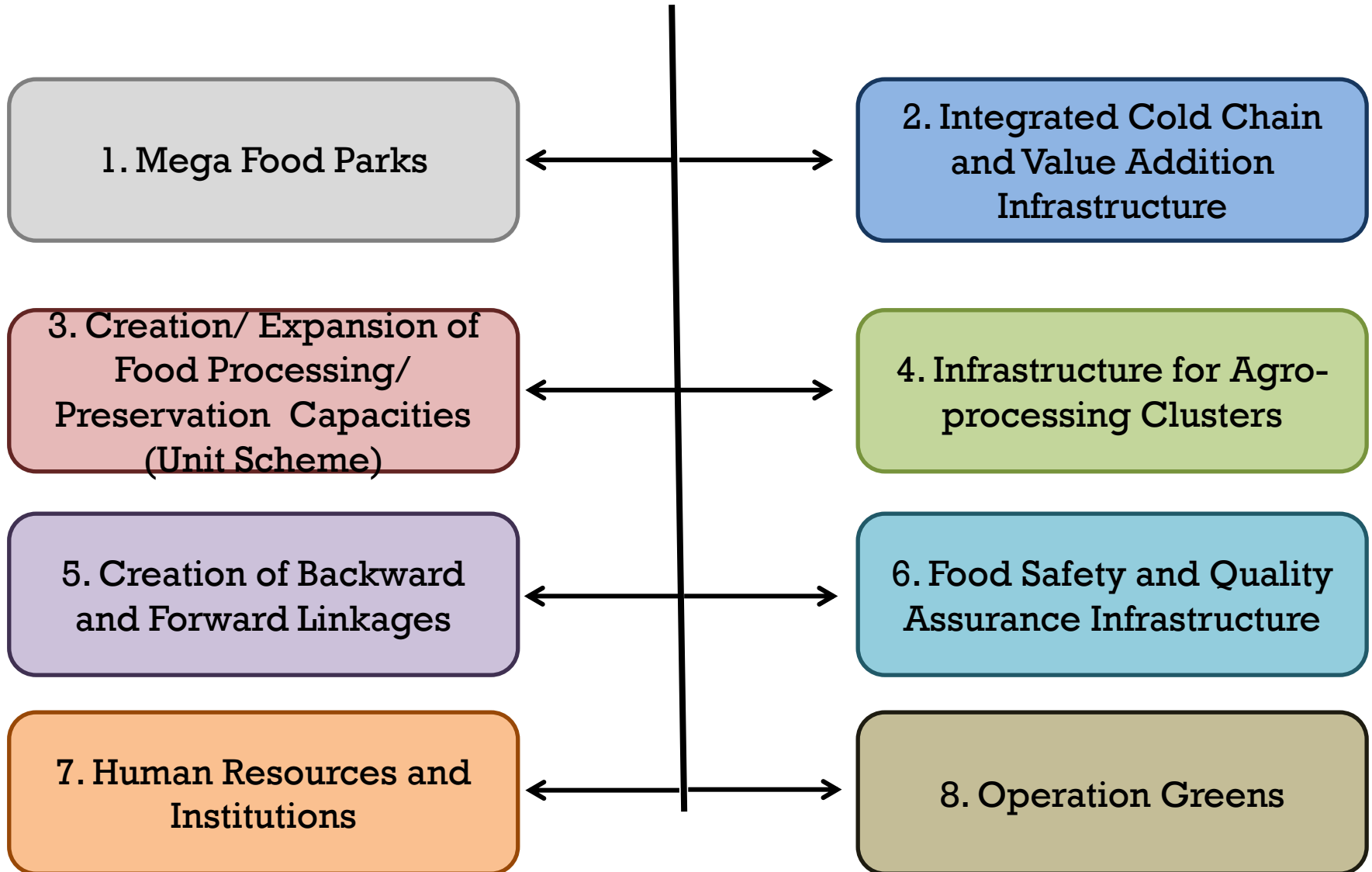


An Overview of PM Kisan *SAMPADA* Yojana

PMKSY

- The Objective of PM Kisan SAMPADA Yojana is to create modern infrastructure with efficient supply chain management from farm gate to retail outlet.
- This will provide a big boost to the growth of food processing sector in the country and also help in providing better returns to farmers.
- It is a big step towards doubling of farmers income, creating huge employment opportunities especially in the rural areas, reducing wastage of agricultural produce, increasing the processing level and enhancing the export of the processed foods.

PMKSY Schemes



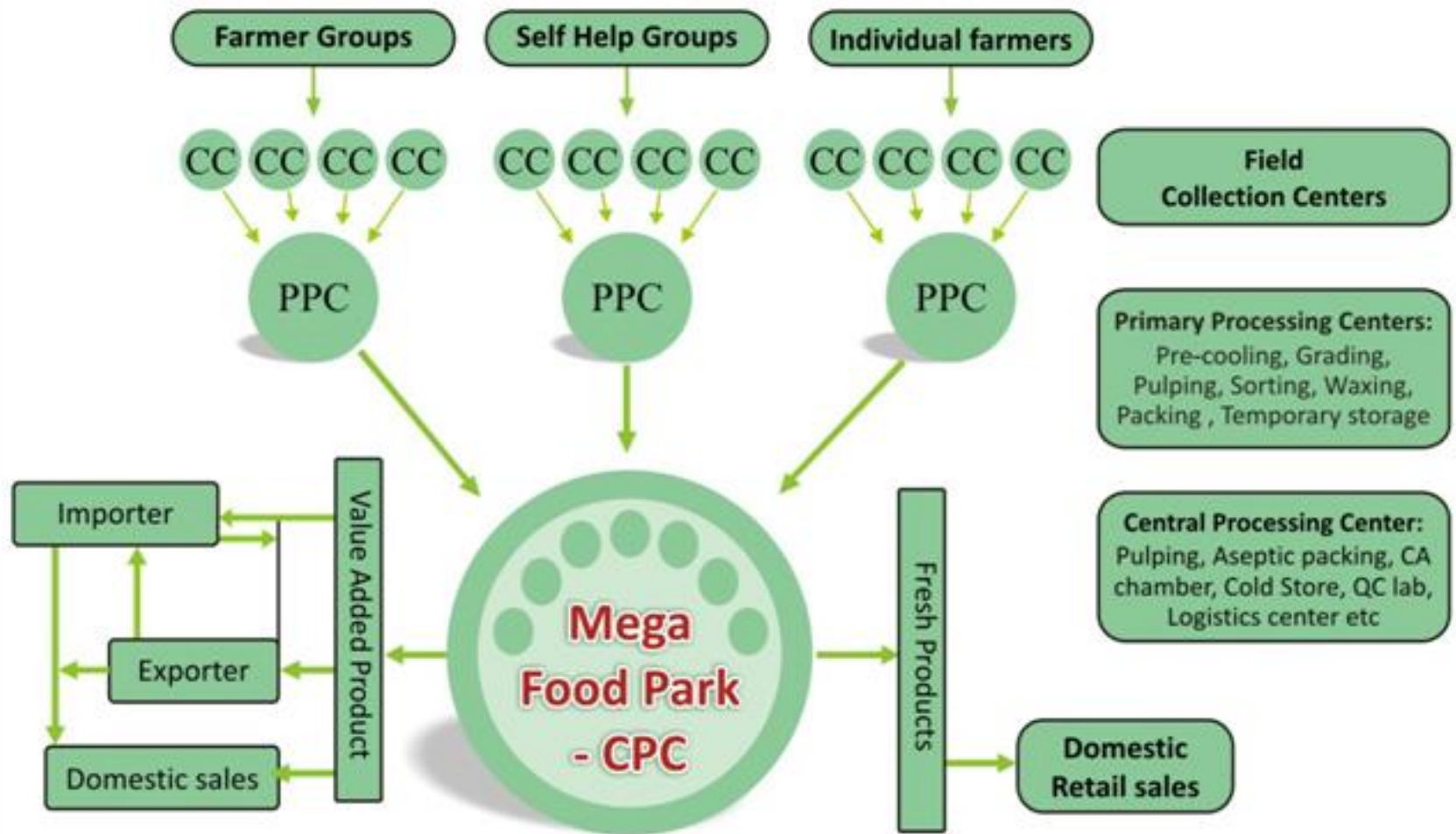
1. MEGA FOOD PARKS

- Minimum wastage, maximum value addition, more profit to farmers, creating employment particularly in rural areas.
- Bring farmers, processors and retailers together
- Based on “cluster” approach
- Creation of state of art support infrastructure in a well-defined Agri / Horticultural zone for setting up of modern food processing units in the industrial plots provided in the park with well-established supply chain.
- Consist of supply chain infrastructure including collection centers, primary processing centers, central processing centers, cold chain and around 25-30 fully developed plots for entrepreneurs to set up food processing units.

- **Collection Centers and Primary Processing Centers (PPCs):** These components have facilities for cleaning, grading, sorting and packing, dry warehouses, specialized cold stores including pre-cooling chambers, ripening chambers, reefer vans, mobile pre-coolers, mobile collection vans etc.
- **Central Processing Centers (CPC):** This Includes common facilities like Testing Laboratory, Cleaning, Grading, Sorting and Packing Facilities, Dry Warehouses, specialized storage facilities including Controlled Atmosphere Chambers, Pressure Ventilators, variable Humidity Stores, pre-cooling Chambers, Ripening Chambers, Cold Chain Infrastructure including Reefer Vans, Packaging Unit, Irradiation Facilities, Steam Sterilization Units, Steam Generating Units, Food Incubation cum Development Centers etc.

- The extent of land required for establishing the CPC is around 50- 100 acres, though the actual requirement of land would depend upon the business plan
- It is expected that on an average, each project will have around 25-30 food processing units with a collective investment of Rs.250 crore that would eventually lead to an annual turnover of about Rs.450-500 crore and creation of direct / indirect employment of about 5000 persons. Each MFP on being fully operational will also benefit about 25000 farmers.

Mega Food Park Model: An Illustration



- The Mega Food Park project is implemented by a Special Purpose Vehicle (SPV) which is a Body Corporate registered under the Companies Act. State Government, State Government entities and Cooperatives are not required to form a separate SPV for implementation of Mega Food Park project. Subject to fulfillment of the conditions of the Scheme Guidelines, the funds are released to the SPVs
- Expression of Interest to be submitted when called for by the ministry

State/UT-wise details of Mega Food Park projects as of 05.08.2020

	State	Name	Year App	Cost	Grant App	Released	Status
1	Andhra	Srini Food Park P Ltd	2009	121	50	50	Complete
2		Godavari Mega Aqua FPPL	2013	122	50	45	Operational
3		AP Ind Infra Corpn.	2015	94	44	32	Under Impl
4	Arunachal	Rongoge Mega FPPL	9.2019	73	43		Basic Dev
5	Assam	North East MF Park Ltd	2009	85	48	45	Operational
6	Bihar	Pristine Mega FPPL	2014	125	42	29	Under Impl
7	Chhattishgarh	Indus Best Mega FPPL	2014	97	44	36	Under Impl
8	Gujarat	Gujarat Agro Mega FPPL	2014	122	50	44	Operational
9		Fanidhar Meg FPPL	2017	166	50	28	Under Impl
10	Haryana	Haryana SIIDC	2015	156	45	28	Under Impl
11		Haryana SCI & MF	2018	180	50	15	Under Impl

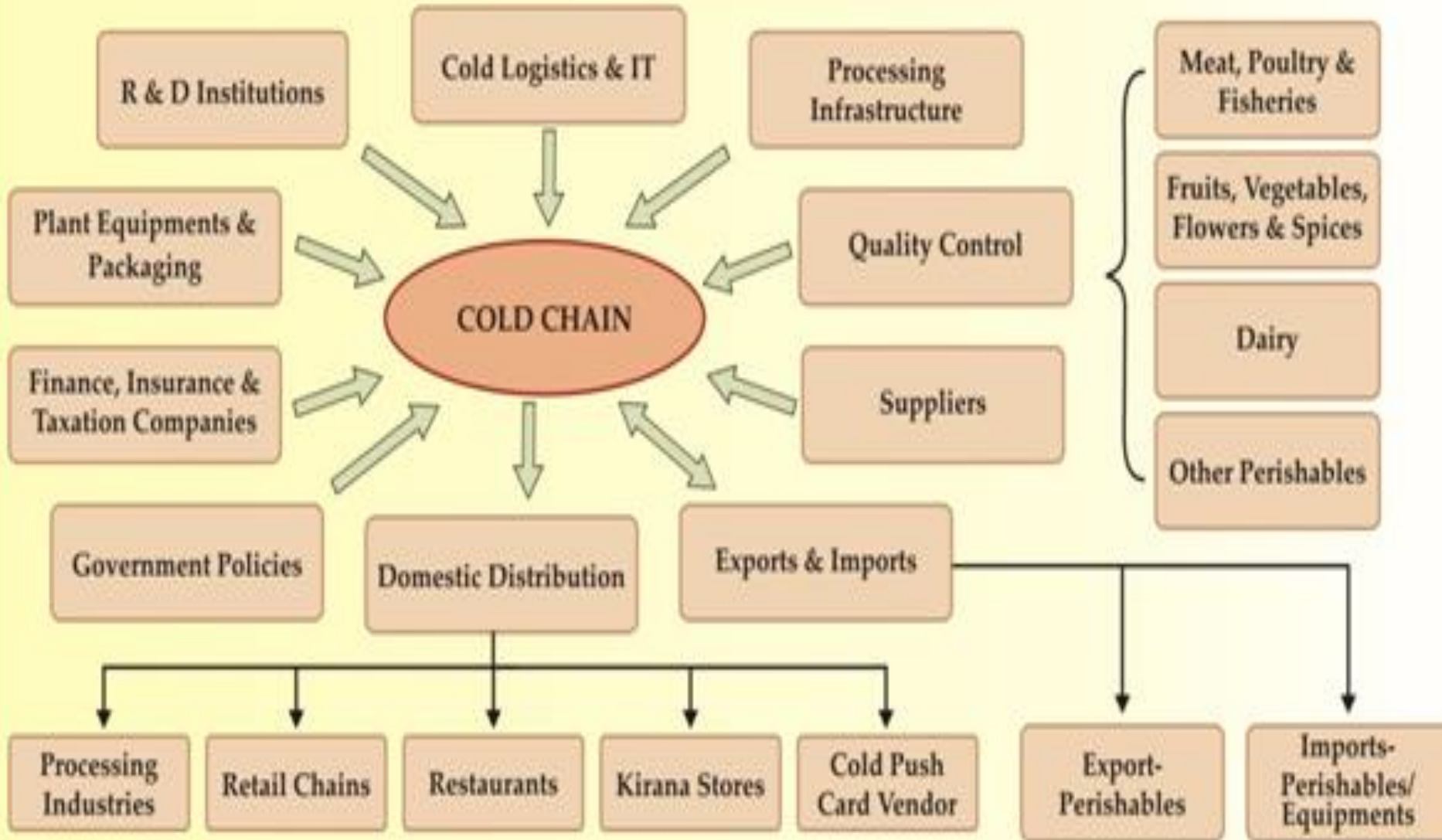
12	Himachal	Cremica FPPL	2014	107	50	44	Operational
13	J & K	RFK Green FPPL	2014	80	50	29	Under Impl
14	Karnataka	Integrated FPPL	2011	144	50	49	Complete
15		Favorich Infra PL	2017	114	50	29	Under Impl
16	Kerala	KSIDC, Alappuzha	2015	128	50	29	Under Impl
17		KINFRA, Palakkad	2015	102	41	38	Under Impl
18	Madhya Pradesh	Indus Mega FPPL	2012	131	50	50	Complete
19		Avantee Mega FPPL	2015	144	50	39	Operational
20	Maharashtra	Pritam Mega FPPL	2013	125	49	43	Operational
21		Satara Mega FPPL	2014	140	50	45	Operational
22		Wardha Mega FPPL	2016	92	50	15	Under Impl
23	Manipur	Manipur Food Industries Corpn	2020	61	43		Basic Dev
24	Mizoram	Zoram Mega FPPL	2015	75	50	44	Operational
25	Nagaland	Doys Agri Resources PL	2017	72	50	30	Under Impl

26	Odisha	Odisha Ind Infra Dev Corpn	2015	122	50	38	Under Impl
27		MITS Mega FPPL	2012	88	46	45	Operational
28	Punjab	International Mega FPL	2011	130	50	45	Operational
29		Punjab Agro Ind Corpn Ltd	2015	118	50	38	Under Impl
30		Sukhjait Mega FP & IL	2015	108	49	39	Under Impl
31	Rajasthan	Greentech Mega FPPL	2014	120	50	43	Operational
32	Telengana	Smart Agro FPPL	2015	109	50	45	Operational
33		Telengana SIIDC	2016	109	50	28	Under Impl
34	Tripura	Sikaria Mega FPPL	2011	78	48	43	Operational
35	Uttarakhand	Patanjali FPPL	2009	95	50	50	Complete
36		Himalayan FPPL	2014	98	48	48	Operational
37	West Bengal	Jangipur Mega FP Ltd	2010	132	50	45	Operational

2. Integrated Cold Chain and Value Addition Infrastructure

- The objective of the Scheme is to provide integrated cold chain and preservation infrastructure facilities, without any break, from the farm gate to the consumer.
- It covers creation of infrastructure facility along the entire supply chain viz. pre-cooling, weighing, sorting, grading, waxing facilities at farm level, multi product/ multi temperature cold storage, CA storage, irradiation, packing facility, IQF, blast freezing in the distribution hub and reefer vans, mobile cooling units for facilitating distribution of horticulture, organic produce, marine, dairy, meat and poultry etc.
- The scheme allows flexibility in project planning with special emphasis on creation of cold chain infrastructure at farm level.
- The integrated cold chain project is set up by Partnership / Proprietorship Firms, Companies, Corporations, Cooperatives, Self Help Groups (SHGs), Farmer Producer Organizations (FPOs), NGOs, Central / State PSUs, etc. subject to fulfilment of eligibility conditions of scheme guidelines.

Cold Supply Chain



Assistance

- Financial assistance (grant-in-aid) - maximum of Rs 10 crore per project (technical civil works and eligible plant & machinery) subject to the following:
- For storage infrastructure (Pack House and Pre cooling unit, ripening chamber, transport infrastructure, grant-in-aid @ 35% for General Areas
- For value addition and processing infrastructure including frozen storage/ deep freezers associated and integral to the processing, grant-in-aid @ 50% for General Areas.
- For irradiation facilities grant-in-aid will be provided @ 50% for General Areas.
- Contact ministry with expression of interest, when called for.

STATE-WISE STATUS

State	Marine/Seafood	Dairy	F & V	RTE	Meat	Irradiation	Total	Complete	On-going	Project Cost	Grant
Andhra	9	3	1	1			14	7	7	623	120
Andaman	1						1		1	5	2.5
Arunachal					1		1	1		15	8
Assam			2				2	2		38	17
Chhattishgarh			2				2	2		39	13
Gujarat		8	9	2			19	17	2	877	157
Haryana		1	6		2	2	11	9	2	268	77
Himachal			13				13	10	3	240	101
J&K		1	4	1			6	4	2	80	47
Karnataka	2	6	3			1	12	9	3	329	80
Kerala	2	1	1				4	3	1	77	22

STATE-WISE STATUS

State	Marine/ Seafood	Dairy	F & V	RTE	Meat	Irradia- tion	Total	Comple te	On- going	Project Cost	Grant
MP		2	5			1	8	4	4	193	58
Maharashtra	5	17	36	2	3		63	46	17	1680	444
Manipur			1				1	1		18	10
Mizoram	2						2	2		22	12
Nagaland			1				1	1		19	7
Odisha	3		1	1			5	2	3	207	37
Punjab		8	11		1		20	15	5	418	122
Rajasthan		5	5			1	11	10	1	274	68
Tamil Nadu	2	5	4		3		14	8	6	468	99
Telangana		5	4		2		11	5	6	395	91
U P		4	14		1	2	21	16	5	516	170
Uttarakhand		2	20	2			24	18	6	426	220
West Bengal	4		7		1		12	8	4	320	81

3 Creation/ Expansion of Food Processing/ Preservation Capacities (Unit Scheme)

The main objective of the Scheme

- Creation of processing and preservation capacities
- Modernization / expansion of existing FP units
- ❖ Expansion of Processing capacity to increase the level of processing, value addition and reduction of wastage.
- ❖ Individual units covering a wide range of post-harvest processes resulting in value addition and/or enhancing shelf life with specialized facilities incl. modern technologies required for preservation of perishables. The setting up of new units and modernization/ expansion of existing units are covered.
- Scheme is implemented through organizations such as Central & State PSUs/ Joint Ventures/ Farmer Producers Organization (FPOs)/ NGOs/ Cooperatives/ SHG's/ Pvt. Ltd companies/ individuals / proprietorship firms engaged in establishment/ up-gradation/ modernization of food processing units.

Project components

- Eligible project components for grant includes the cost of plant & Machinery and Technical civil work. Cost of 'Utilities' essential for the plant i.e. Water pipeline, DG set, Boiler, Solid waste treatment plant, ETP etc. are also considered under eligible project cost subject to restriction of above cost being maximum 25% of the total project cost.

Pattern of Assistance

The Scheme envisages grants-in-aid @35% of eligible project cost in general areas

Expression of Interest , when called for. Last date for EOI on 30.11.2020

State wise No of Proposals Approved

State	No of Units
Andhra	4
Andaman	
Arunachal	3
Assam	14
Bihar	1
Chhattisgarh	1
Goa	1
Gujarat	26
Haryana	15
Himachal	21
Jammu & Kashmir	19
Karnataka	14
Kerala	13
Madhya Pradesh	8
Maharashtra	34

State	No of Units
Manipur	3
Meghalaya	2
Mizoram	2
Nagaland	4
Odisha	2
Punjab	8
Rajasthan	12
Sikkim	1
Tamil Nadu	19
Telangana	2
Tripura	5
U P	20
Uttarakhand	10
West Bengal	8
Daman & Diu	1

4. Infrastructure for Agro-processing Clusters

The scheme aims at development of modern infrastructure and common facilities to set up food processing units based on cluster approach by linking groups of producers/ farmers to the processors and markets through well-equipped supply chain with modern infrastructure.

- Basic Enabling Infrastructure (roads, water supply, power supply, drainage, ETP etc.)
- Core Infrastructure/ Common facilities (ware houses, cold storages, IQF, tetra pack, sorting, grading etc) and at least 5 food processing units with a minimum investment of Rs. 25 crore.
- At least 10 acres of land is required to be arranged either by purchase or on lease for at least 50 years for setting up of Agro Processing Cluster.
- Agro processing clusters set up by Project Execution Agency (PEA)/ Organisation such as Govt./ PSUs/ Joint Ventures/ NGOs/ Cooperatives/ SHGs/ FPOs/ Private Sector/ individuals etc.
- Financial assistance subject to terms and conditions under the scheme guidelines of the Ministry. EOI by 30.11.2020

5 Scheme for Creation of Backward and Forward Linkage

- The objective of the scheme is to provide effective and seamless backward and forward integration for processed food industry by plugging the gaps in supply chain in terms of availability of raw material and linkages with the market.
- The Scheme is applicable to perishable horticulture and non-horticulture produce such as fruits, vegetables, dairy products, meat, poultry, fish, Ready to Cook Food Products, Honey, Coconut, Spices, Mushroom, Retails Shops for Perishable Food Products.
- The scheme is implemented by agencies/ organizations such as Govt./ PSUs/ Joint Ventures/ NGOs/ Cooperatives/ SHGs / FPOs / Private Sector / individuals etc.
- The Ministry has engaged Technical Agencies (TAs) for assisting farmer/ producer groups including Farmer Producer Companies, **Deloitte Touche Tohmatsu India LLP, Mr Nikhil Rathi for South Zone**
- Proposals for seeking assistance under the scheme are invited through Expression of Interest from time to time.

6. Food Safety & Quality Assurance Infrastructure

- Quality and Food Safety have become competitive edge in the global market for food products.
- For the all-round development of the food processing sector in the country, various aspect of Total Quality Management (TQM) such as quality control, quality system and quality assurance should operate in a horizontal fashion.
- Apart from this, in the interest of consumer safety and public health, there is a need to ensure that the quality food products manufactured and sold in the market meet the stringent parameters prescribed by the food safety regulator.

Setting Up/Up-gradation of Quality Control/Food Testing Laboratories

HACCP/ ISO Standards/Food Safety/Quality Management Systems

a. Setting Up/Up-gradation of Quality Control/Food Testing Laboratories

- In the interest of consumer safety and public health, there is a need for testing food products.
- There is also a need for testing of all imported food products to ensure that they are of the requisite standard and food products not permitted for manufacture domestically are not allowed to come in from foreign markets.
- Apart from this, the level of contaminants, additives, and pesticide residues in food items is required to be monitored regularly.
- Under the scheme, Central/ State Government and their organizations/ Government universities (including deemed universities) and all other implementing agencies/private sector organizations/universities (including deemed universities) are eligible to receive financial assistance for setting up of food testing laboratories.

Pattern of Assistance

- **Central/State Government and its organizations /universities (including Govt. owned deemed universities) are eligible for grant-in-aid of entire cost of laboratory equipment and 25% of the cost of technical civil work.**
- **80% of the monthly emoluments of two technical staff for two years from the date of completion of the laboratory.**
- **All other implementing agencies/private sector / Universities - 50% of cost of laboratory equipment and 25% of the cost of technical civil work**
- **When the Ministry establishes / sponsors such food testing laboratories, there would be no ceiling to financial assistance and the amount to be approved will be decided on case to case basis with the approval of Competent Authority.**
- **Food Quality Monitoring lab, Konni**
- **Interfield laboratories, Kochi**

b. ISO Standards/Food Safety/Q M Systems

- ISO Standards are necessary condition for improving the overall quality of food safety & hygiene in the country and also to increase India's share in global food trade.
- The main objective of the scheme is to adoption of food safety and quality assurance mechanisms such as TQM including ISO 9000, ISO 22000, HACCP, GMP, GHP.
- Central/ State Government Organization, IITs, Universities and private sector in the field of food processing sector are eligible for assistance
- Grant-in-aid is given in the form of re-imbusement of expenditure @ 50% in general area subject to maximum of Rs. 17 lakh. With a view to clear the pending proposals, the Ministry has not been accepting fresh application as a temporary measure, till all previous approved payments are completed.

NO OF PROJECTS ASSISTD IN LAST 12 YEARS

Year	No of Projects	Grant in lacs
2007-08	2	6.80
2008-09	5	54.20
2009-10	4	49.10
2010-11	4	51.60
2011-12	5	70.70
2012-13	5	93.11
2013-14	5	68.29
2014-15	6	95.00
2015-16	10	164.15
2016-17	15	252.20
2017-18	7	94.02
2018-19	2	25.06

Maharashtra	18
J & K	17
Kerala	8
MP	7
Tamil Nadu	5
Karnataka	4
UP	3
Gujarat	3
Uttaranchal	2
Uttarakhand	2
West Bengal	2
Delhi	1
Total	72

Projects in Kerala

M/s MILMA, Thiruvananthapuram, Kerala	14.25
M/s International Freezfish Exports, Aroor	15.00
M/s Integrated Rubian Exports Ltd., Aroor	17.00
M/s. Foodco Delicacies India Pvt., Ltd. Arookkuty	17.00
M/s. Milgram Milk Specialities Pvt. Ltd., Ernakulam	7.20
M/s. Urban Stanislaus, Kerala	8.53
M/s. Crut 'n' Food Ingredients Pvt. Ltd., Kerala	1.47
M/s Arvind Food Products, Rappal, Thrissur	15.00
M/s Wynad Food Products, Kolencherry	15.00

7. Human Resources and Institutions

a. Research and Development

- Financial assistance to undertake demand driven R&D work for the benefit food processing industry in terms of product and process development, efficient technologies, improved packaging, value addition etc. with commercial value along with standardization of various factors viz. additives, coloring agents, preservatives, pesticide residues, chemical contaminants, microbiological contaminants and naturally occurring toxic substances within permissible limits.

Eligibility Criteria

- All Universities, IITs, Central/State Government Institutions, Government funded Organizations, R&D laboratories and CSIR recognized R&D units in private sector.
- **Ministry's sponsored projects:** 100% Grant is provided only to public funded organizations of repute for cutting edge areas of research leading to development of innovative products, processes, manufacturing practices and technology.

Human Resources and Institutions

b. Promotional Activities

- To organize, co-sponsor, participate in all India level seminars, workshops, fairs and exhibitions for food processing sector to encourage investment in food processing and to create awareness of the schemes being implemented by the ministry.
- To commission studies/ surveys to assess, evaluate various aspects of food processing sectors and allied activities.
- To create awareness about schemes of the ministry through print/ audio-visual media through advertisements and publicity materials.
- To organize road shows, development of software and investor facilitation activities to promote food processing sector.

8. Operation Greens

- **I. Short Term Price Stabilization Measures** - only for Tomato, Onion, Potato (TOP) crops
- **(II) Long Term Integrated value chain development projects**
 - i. Formation and Capacity Building of FPOs
 - ii. Quality Production
 - iii. Post-harvest processing facilities - At Farm Level
 - iv. Post-harvest processing facilities - At Main Processing Site
 - v. Agri-Logistics
 - vi. Marketing/Consumption Points
- Proposals for seeking assistance for TOT ended on 31.07.20 Only 5 projects in India.
- .

TOP TO TOTAL

- As a part of Atmanirbhar Bharat Package TOP becomes TOTAL (F&V).
- Individual farmer or group of farmers meeting the essential criteria of the Scheme, can directly register under the Scheme and submit the online claim after carrying out the transportation and/or storage of eligible fruits and vegetables as per the provisions of the Guidelines.
- Small farmers, who do not meet the essential criteria can apply for subsidy under the Scheme through Group of farmers, FPO, Co-operatives and State Marketing Federation/Board.
- Food Processors, FPO/FPC, Co-operative Societies, Individual farmers, Group of Farmers, Licensed Commission Agent, Exporters, State Marketing/ Co-operative Federation, Retailers etc. engaged in processing/ marketing of fruits and vegetables.

- Minimum quantity to be procured and transported/stored per applicant (may consist of one or more than notified crops) will be as under:
 - a. 50 MT for Individual farmers;
 - b. 100 MT for FPO/FPC, Co-operative, Group of farmers;
 - c. 500 MT for Food Processor, Exporter, Licensed Commission Agent;
 - d. 1,000 MT for Retailers, State Marketing/Co-operative Federation

- Fruits- Mango, Banana, Guava, Kiwi, Lichi, Papaya, Mousambi, Orange, Kinnow, Lime, Lemon, Pineapple, Pomegranate, Jackfruit, Apple, Almond, Aonla, Passion Fruit and Pear;

- Vegetables: - French beans, Bitter Gourd, Brinjal, Capsicum, Carrot, Cauliflower, Chillies (Green), Okra, Cucumber, Peas, Garlic, Onion, Potato and Tomato.

**In case of any clarification/Assistance
required, Please Contact**

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Thank you