

**Innovation – Science & Technology
Entrepreneurship Development (iSTED) Project
Sponsored by
NSTEDB, DST- Govt. of India**



Implemented by
Rural Development Foundation
2018 - 19



Address : 5, Aakashdep Bunglows, Vai Borsad Chokdi, Jitodia Road, Anand
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Center,

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Innovation Science and Technology Entrepreneurship Development Project (i-STED)

(2018-19)

A. Specify Innovative Solutions focused during 2018-19

- Technology & Solutions for Sustainable Agriculture Practices
 - Soil Treatment by Secondary Culture to improve pH & EC, Carbon & Nitrogen Control
 - In Situ Microbial Process use for agriculture residue
 - Azolla – Nitrogen Fixer
 - Use of Trichoderma in various crops
Trichoderma, a bio-control agent for management of soil borne disease / in plant growth promotion
- Developed Various iPOP (Innovative Package of Practices) for Various Crops
 - Grain: Black Rice, Red Rice
 - Spices: Turmeric, Ginger
 - Vegetables: Okra (Ladies Finger), Chili
 - Fruits: Papaya, Mango, Banana

B. Innovation – Technology focus, Implementation, Outcome

Sr. No.		A Rural Agro - Entrepreneurship	B Waste management	C Agro & Food Processing
	Collaborators/Partners	1. Innovative Eco Care Pvt. Ltd. 2. Anand Jilla Panchayat 3. Agro Economic Research Center (GOI) 4. APMC Anklav 5. Gudel Dalit Sahakari Mandali	1. Innovative Eco Care Pvt. Ltd. 2. Anand Jilla Sahkari Sangh 3. Anand Jilla Panchayat 4. Agro Economic Research Center (GOI)	1. Innovative Eco Care Pvt. Ltd. 2. Anand Agriculture University 3. Agro Economic Research Center (GOI) 4. NABARD
	Target Region(s)	Central Gujarat Districts & their blocks covered: Anand: Anand, Anklav, Borsad, Khambhat, Petlad, Sojitra, Tarapur, Umreth Kheda: Balashinor, Kapadvanj, Kathlal, Kheda, Mahudha, Matar, Mehmadvad, Nadiad, Thasra Panchmahal: Ghoghamba, Godhra, Halol, Kalol, Khanpur, Shahera Dahod: Devgadhi Bariya, Dahod, Fatehpura, Garbada, Limkheda Mahisagar: Kadana, Khanpur, Lunavada, Santrampur		

1.	Demonstration of Technology	830	17	70
2	Relevant Skill Development/ Capacity Building	790	15	130
t3	New (Existing for Clusters only) Entrepreneurs Nurtured*	17	-	4
4	New Enterprise Created	14	2	9
	Total Investment	127 Lakhs	25 Lakhs	431 Lakhs
	Funds Arranged	21 Lakhs	2.5 Lakhs	21 Lakhs
5	Total Employment Generation	213	27	127
6	Turnover (With Basis of Calculation)	130 Lakhs	40 Lakhs	320 Lakhs

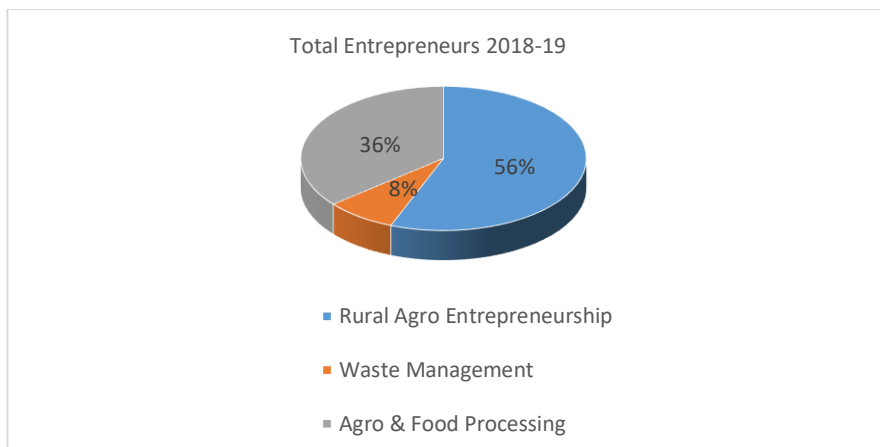
*As Per Jan. 2019

*Under iSTED Project – 2 FPOs are in the process of registration - comprising more than 425 farmers of Anand, Kheda and Panchmahal Districts of Gujarat.

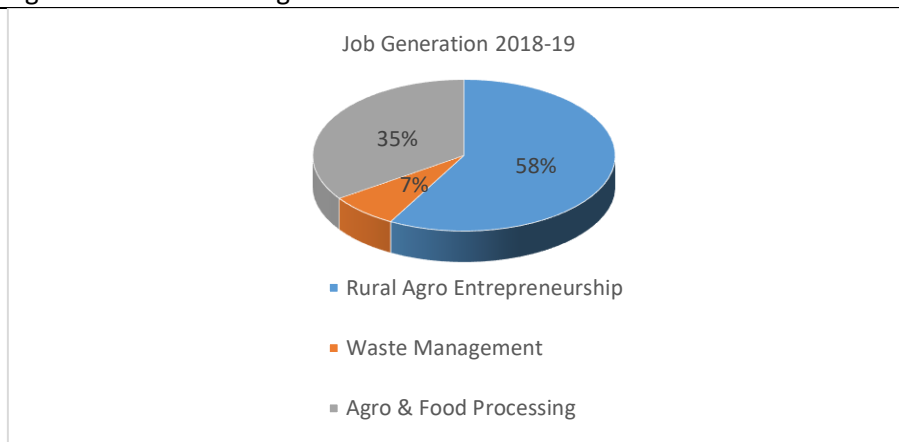
- Through demonstrations on various crops/waste management process/food & agro processing - clusters of rural unemployed youth were trained under various innovative package of practices, which creates more than 230 new job opportunities at rural/semi urban areas.

No.	Particulars	year 2018-19
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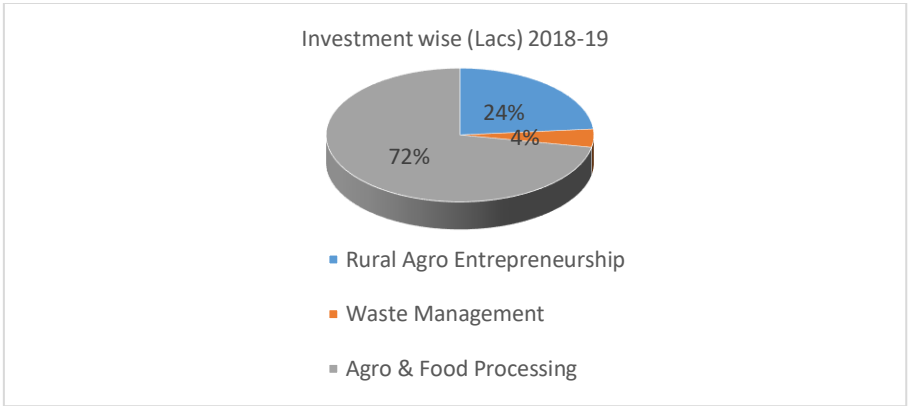
A	Total Entrepreneurs	25
	Rural Agro Entrepreneurship	14
	Waste Management	2
	Agro & Food Processing	9



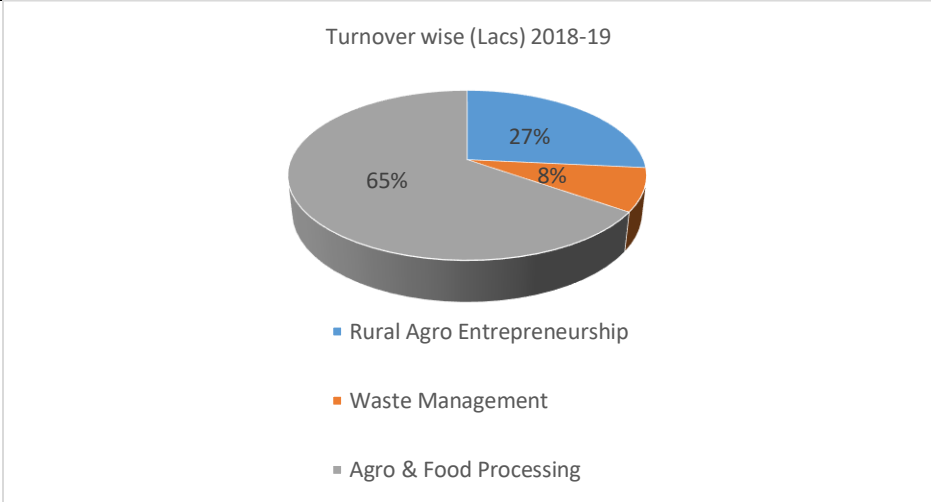
B	Job Generation	367
	Rural Agro Entrepreneurship	213
	Waste Management	27
	Agro & Food Processing	127



C	Investment wise (Lacs)	627.5
	Rural Agro Entrepreneurship	148
	Waste Management	27.5
	Agro & Food Processing	452



D	Turnover wise (Lacs)	490
	Rural Agro Entrepreneurship	130
	Waste Management	40
	Agro & Food Processing	320



Additional Training Topics covered during the year:

A Rural Agro - Entrepreneurship	B Waste management	C Agro & Food Processing
Innovative Interventions for Sustainable Vegetable Production Under Changing Climate Scenario	Separate, Collection, Treatment, Recycling & Disposal of waste. Municipal solid waste incineration	Emerging trends of Bio-process Technology in Dairy and Food Processing
Practical knowledge sharing on nutrition and value addition in commercial poultry	Utilization and disposal of residues	Achieving food and nutritional security through Nutrition Sensitive Agriculture in the context of changing climate
Current challenges and strategies for management of soil health and sustainable productivity. National Problems and Constraints in Fruit Crops	Develop in monitoring, managing and controlling landfill gas and groundwater	
Microbiological Techniques for diagnosis of emerging and re-emerging disease of veterinary importance		