

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



Implemented by
Rural Development Foundation
2016 - 17



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

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Innovation Science and Technology Entrepreneurship Development Project (i-STED)
(2016-17)

A. Specify Innovative Solutions focused during 2016-17

- Technology & Solutions for Sustainable Agriculture Practices
 - Soil Treatment by Secondary Culture to improve pH & EC, Carbon & Nitrogen Control
 - Compost making from agri & food waste in 20 days
- Developed Various iPOP (Innovative Package of Practices) for Various Crops
 - Grain: Wheat, Paddy, Bajra, Quinoa
 - Spices: Sesame, Chili, Ginger
 - Vegetables: Tomato, Moringa, Bitter guard
 - Fruits: Watermelon, Mango, Pomegranate
- Developed Smart App for Agri Entrepreneurs
- First Time Cultivation of Organic Quinoa, in Gujarat

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 Sahkari Sangh 3. Anand Jilla Panchayat 4. Agro Economic Research Center (GOI) 5. Alembic CSR Project 6. NABARD	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 Kheda: Balashinor, Kapadvanj, Kathlal Panchmahal: Ghoghamba, Godhra, Halol		
1.	Demonstration of Technology	541	41	54

2	Relevant Skill Development/ Capacity Building	632	22	10
3	New (Existing for Clusters only) Entrepreneurs Nurtured*	16	-	-
4	New Enterprise Created	8	1	5
	Total Investment	98 Lakhs	55 Lakhs	38 Lakhs
	Funds Arranged	34 Lakhs	1.75 Lakhs	12 Lakhs
5	Total Employment Generation	389	7	49
6	Turnover (With Basis of Calculation)	141 Lakhs	22 Lakhs	107 Lakhs

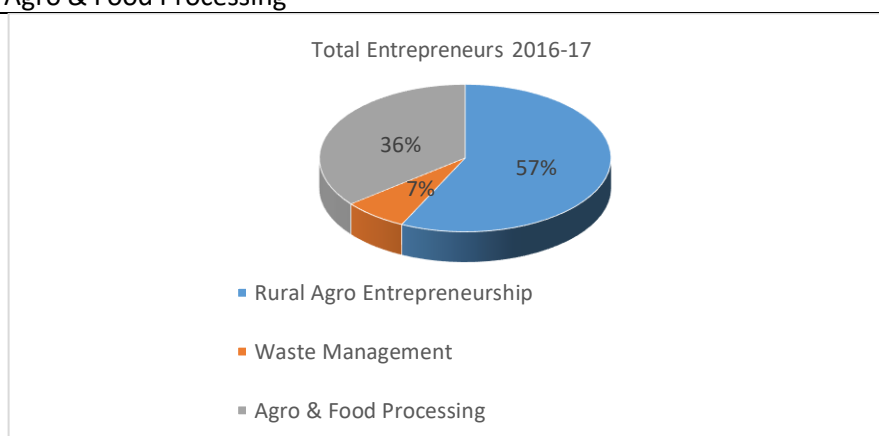
*As Per Dec. 2018

*Under iSTED Project – 4 FPOs (3 FPOs already registered and 4th FPO is in the process of registration) registered comprising more than 1,000 farmers of Anand District of Gujarat.

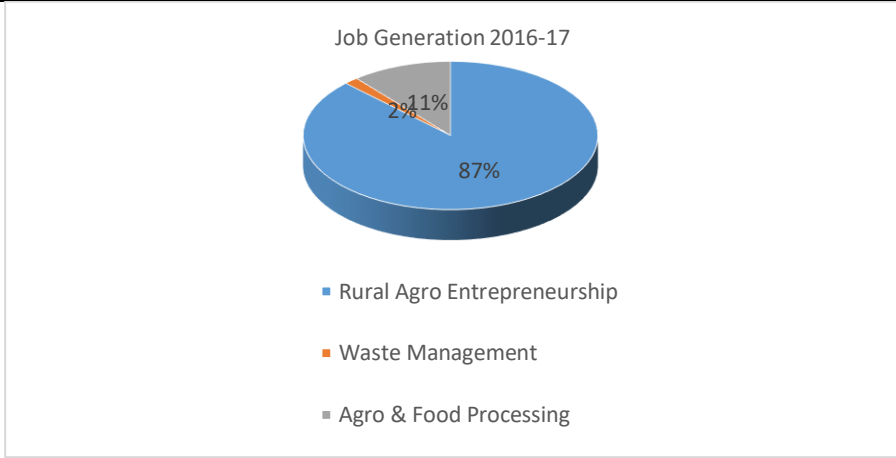
- Through demonstrations on various crops/waste management process/food & agro processing - clusters of rural unemployed youth were trained under various innovative package of practices, which creates more than 300 new job opportunities at rural areas.

No.	Particulars	year 2016-17
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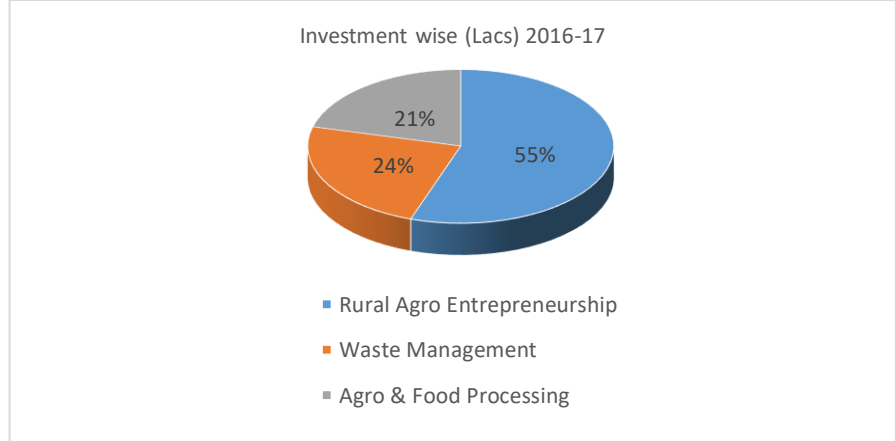
A	Total Entrepreneurs	14
	Rural Agro Entrepreneurship	8
	Waste Management	1
	Agro & Food Processing	5



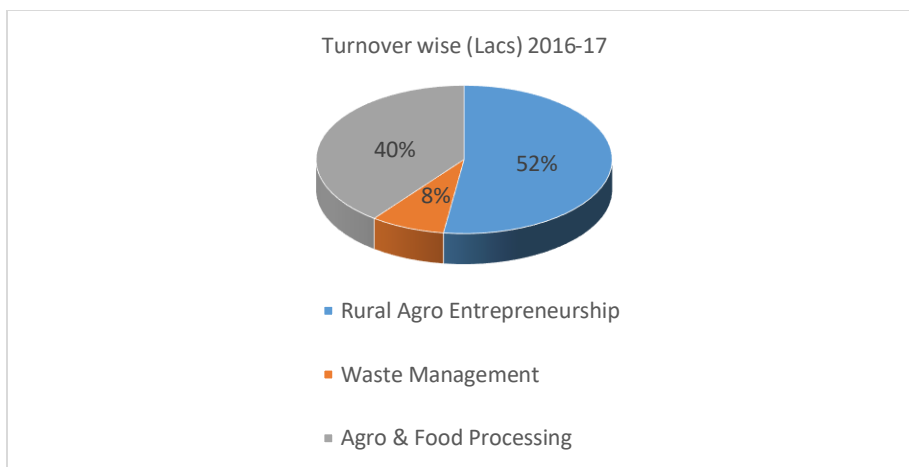
B	Job Generation	445
	Rural Agro Entrepreneurship	389
	Waste Management	7
	Agro & Food Processing	49



C	Investment wise (Lacs)	238.75
	Rural Agro Entrepreneurship	132
	Waste Management	56.75
	Agro & Food Processing	50



D	Turnover wise (Lacs)	270
	Rural Agro Entrepreneurship	141
	Waste Management	22
	Agro & Food Processing	107



Additional Training Topics covered during the year:

A Rural Agro - Entrepreneurship	B Waste management	C Agro & Food Processing
Research and Development in Organic Farming: Current Status and Way Foreword	Importance of Waste Management to Environmental Sanitation. Evaluation the problems of Solid Waste Management on the Global Stage.	Agricultural Extension & Market Linkage
Molecular approaches for Improving Stress Tolerance in Agricultural and Horticultural Crops	Need for effective waste management policies. Environmental impact of waste disposal.	Bio processing/ food processing/ packaging/ product/ marketing/ expert in reference to Food Processing
Advances in disease diagnosis and treatment protocols in Health Management of farm and pet animals	How to develop an effective waste management and disposal strategy.	Productivity, Economics and Environmental Performance in Organic Agriculture
Plant disease monitoring for timely management options. Safe and sustainable agriculture for enhancing the factor productivity of crops and cropping systems		