

Building Sustainable Communities



- Mobile health units deployed for addressing primary health issues and services against COVID-19
- Promoting direct seeding of rice as an alternative to transplanting paddy
- Employability linked skill development center
- Improving learning outcomes in elementary school children
- Livelihood Promotion through sustained agriculture, dairy practices and skill training

.....Read more

HEALTH, HYGIENE AND SANITATION

Outcome FY'21-22	
<ul style="list-style-type: none"> • Increase access to quality healthcare • Improve Preventive healthcare • Support government and the communities at the time of national disaster 	<ul style="list-style-type: none"> • Around 90,287 people were treated by Mobile Health Vans and health camps • 80 % decrease in primary healthcare issues within MMU outreach • Setting up of 5 oxygen plants across 5 hospitals in Gujarat, Rajasthan, Haryana and Delhi. • Oxygen concentrators to Udaipur Chambers of Commerce • COVID-19 isolation Centre at Delhi and a 50 bed isolation centre at Bharuch, Gujarat • Financial assistance to Arogya dham Hospital, Gwalior to procure CT Scan machine to facilitate better diagnostics & treatment for COVID-19 patients • Distribution of masks and lifesaving medicines to underprivileged

RURAL INFRASTRUCTURE DEVELOPMENT

Objectives	Outcome FY'21-22
<ul style="list-style-type: none"> • Strengthening rural infrastructure through need based interventions • Strengthening drainage network to improve sanitation facilities in the villages • Promoting rural sports 	<ul style="list-style-type: none"> • Strengthened drainage network in villages near plant location • Promoted rural sports activities in villages

ENVIRONMENTAL SUSTAINABILITY THROUGH SUSTAINABLE AGRICULTURAL PRACTICES

Objectives	Outcome FY'21-22
<ul style="list-style-type: none"> • Impart Sustainable Agricultural practices • Environmental Sustainability through Conservation of Natural Resources • Environmental and health consciousness through stewardship 	<ul style="list-style-type: none"> • Conducted 912 trainings and awareness sessions to farmers for imparting improved package of practices (POPs) including DSR • Reached out to 40,323 new farmers through DSR

EDUCATION AND SKILL DEVELOPMENT

Objectives	Outcome FY'21-22
<ul style="list-style-type: none"> • Improve age appropriate learning levels • Improve attendance • Maximize the CSR programme reach • Improve youth's employability through skill development 	<ul style="list-style-type: none"> • Increased the age appropriate learning levels by 80% among primary school children by conducting science workshops, training of volunteer teachers and learning camps • 480 youth trained in skill development centre • 300 youth placed in different sectors

WOMEN EMPOWERMENT

Objectives	Outcome FY'21-22
<ul style="list-style-type: none"> • Improve Financial and legal literacy • Livelihood Promotion • Develop women entrepreneurs 	<ul style="list-style-type: none"> • > 7,000 women were covered through programme • > 3,264 women had undergone financial and legal literacy training • > 2800 women were directly linked with bank and dairy value chain • 385 women were involved in entrepreneur activities



Awareness on Coronavirus in Villages & Rural Healthcare through 3 Mobile Health Vans

PI Foundation in collaboration with GVK-EMRI is implementing Swasthya Seva through 3 Mobile Medical Vans that supports more than one lakh population from remote 64 villages of Jambusar.

Our Swasthya Seva ensured access to quality healthcare and impacted over One lakh people residing in remote location of Jambusar taluka. This has reduced the financial burden on health expenditure for poor families.

PI Foundation is utilising these Mobile Medical Units 24x7 in 64 villages of Jambusar, Gujarat for spreading awareness on the necessity of social distancing and hand-sanitisation through instruction leaflets. The services are extended for conducting thermal screening, distributing masks and other necessities to villagers.





Highlights of the ongoing activities for the month:

- Screening of 100 labors twice a week around Jambusar plant

Coverage		
Mobile Health Unit in field		3
Villages Covered		64
Population Covered		1,18,851
Operations		
Total Beneficiaries treated (2020 - 2021)		80,985
Total Beneficiaries treated (2021-2022)		90,287
Total Beneficiaries treated in April, 2022		5,895
Total working days in April, 2022		26
Performance		
Avg. Beneficiaries / MHU / Day		76
Avg. Villages visited / MHU / Day		3
MHU wise beneficiary report - Jambusar		Beneficiary count - April 2022
Route		
MHU_PIF_1	Route-1	1,896
MHU_PIF_2	Route-2	2,161
MHU_PIF_3	Route-3	1,838





Sustainable Rice Production with the Conservation of Natural Resources through Direct Seeded Rice in Multiple States of India

PI Foundation has been working closely with farmers in the agriculturally backward region of the country to promote a farming system that is more sustainable - environmentally, economically, and socially. In association with State Agricultural Universities and NGOs, our field team propagates the benefits of Direct Seeded Rice (DSR) technique through various awareness camps, farmers meetings, setting up demonstration farms with farmers and trainings across multiple rice growing states in the country.

Harvesting has been completed in most of the locations. When we compared the output of the DSR method with the traditional method, we found that DSR resulted in a net profit of ₹3,000-4,000 per acre more than the traditional method. We were able to promulgate DSR practices to around 40,323 farmers in FY 21-22. Planning for rolling out the program in FY 22-23 is going on along with the agri-team. Discussions on the selection of plots and activities to be promoted are underway for FY 22-23.

State-wise Summary FY21-22:

S.No.	Name of the State	No of Districts/ Territories covered	No of Demonstration plots	No of field days	No of farmer meetings	No of farmers attended
1	Haryana	10	90	132	145	7718
2	Punjab	15	150	185	637	20839
3	West Bengal	6	55	43	23	835
4	Chhattisgarh	8	120	207	94	3113
5	Andhra Pradesh	12	85	324	243	4379
6	Karnataka	5	90	21	166	3439
	Total	56	590	912	1308	40323





Transforming Rural Livelihood through Farmers Field School

PI Foundation has established Farmers Field School (FFS) in Jharkhand adjoining West Bengal and Odisha to benefit small holder tribal farmers. Through educating farmers in IPM, the FFS program seeks to help farmers find solutions to their problems with chemical control of pests so that profits increase, health risks reduce, and production becomes sustainable. Our FFS is a group-based learning process that includes hands-on training methods in which farmers test management methods/production technologies for themselves and learn concepts directly.

The specific features of our FFS are:

- It is flexible, non-lecture based field study using a field that allows the “field to be the teacher”
- It has strong emphasis on observation, analysis, discussion and debate, which allows new ecological concepts to be combined with local knowledge
- Technically competent facilitator leads group activities, but is not seen as the “all-knowing source” of the “right information” and a focus on farmers becoming “experts” and “farmer facilitators” in their own communities.

The objective of our FFS is to provide first hand information to the farmers in their fields to enable them to evaluate, fine tune and adopt the best crop production and crop protection technologies suitable to their location and resources for higher production and productivity. During the current month; 125 farmers actively participated in the training. Cucumber, Chilli, tomatoes, Muskmelon, Bitter gourd, Bottle gourd, Sponge gourd and Lady Finger is being harvested.





The following methodology has been followed during the month of April 2022:

The FSS were organised on tri-weekly basis early in the morning for 4-5 hours. Every week three type of activities were conducted. These are:

- Group Discussion on the structured questions and Presentation
- Field observations and follow up activities.
- Hands on Activity on pre determined activity

Every day before the start of field activities farmers were asked to make some discussion on structured questions and present the outcome. This whole exercise of structured discussion and presentation was completed within one hour so that there is ample time for hands on activities and other field observations. Farmers were divided in 5 groups of convenient size to make structured discussion on a topic.





The topics of discussions were as mentioned under:

Week	Structured Questions	Hands-on activities
1	<ul style="list-style-type: none"> Name the varieties/Hybrids recommended by Research system. Name the varieties/Hybrids you will grow? Why will you grow those varieties/Hybrids? Is there any advantage of growing hybrids? From where do you buy the seed and at what cost? How do you select healthy seed? 	<ul style="list-style-type: none"> Practice on seed treatment as per the local recommendations. Practice of pregermination of seed for nursery sowing. Land preparation for sowing of nursery.
2	<ul style="list-style-type: none"> From where do you get soil ameliorants? Which are the seed borne diseases and methods to control them? Do you know purpose and methods of seed treatment? Do you know how to pre-germinate the seed? Do you follow this practice? If yes what are the advantages? If no why? What do you understand by Integrated Pest Management (IPM) 	<ul style="list-style-type: none"> Practice on seed treatment as per the local recommendations. Practice of pregermination of seed for nursery sowing. Land preparation for sowing of nursery.
3	<ul style="list-style-type: none"> How do you raise the rice nursery –on flat land or raised seedbed? Which method of growing nursery is adopted: dry or wet method and why? How much organic manure and chemical fertiliser for raising nursery is used? How and when do you apply the chemical fertiliser? Do you apply some micronutrients? If yes which micronutrients and in what quantity? How do you manage the water and weed in the nursery? 	<ul style="list-style-type: none"> The farmers sow a small plot of nursery on a raised bed. To check the damage from birds, broadcast a thin layer of welldecomposed farmyard manure immediately after broadcasting rice seed

Week	Structured Questions	Hands-on activities
4	<ul style="list-style-type: none"> Which are the important weeds, insect, and diseases in the nursery? Farmers will observe the nursery for appearance of weeds, insect, and diseases and discuss how to control them? Do you make some arrangements of drainage in the main field? If yes how? If no Why? What is the method of irrigation? Is it from field to field or through channels? What are the advantages and disadvantages of both? Farmers also discuss how much fertilizer and at what stage it is to be used for the main crop. 	<ul style="list-style-type: none"> Second dose of Nitrogen is applied as per recommendation Observe the nursery for deficiency of micronutrients like Zinc and Iron. If observed spray these micronutrients in recommended doses. Observe presence of insect and diseases in the nursery and spary if required Hand weeding is done



Employability-linked Skill Development Centre at Jambusar

PI Foundation along with Rural Shores has been running a Skill Development Centre in Jambusar. At the Centre, unemployed and underprivileged youth are trained with vocational training courses across various sectors to generate employment after their course completion. New trade as 'electrician' has been introduced this year and has replaced 'food & beverage service stewards' basis the post-covid assessment of potential employment opportunities in nearby areas. The courses are for 3 months (Min 500 hrs. per trainee) with an annual intake of 400 students.

PI Foundation Skill Development Centre has been running smoothly with strict adherence to COVID protocol. We saw a total of 90 students enrolling in 2022-23 and continuing their courses in 'Advance Excel', BPO and Electrician course.





Improving Learning Outcomes in 135 Govt. Elementary Schools of Jambusar

PI Foundation in collaboration with Pratham Education Foundation has been implementing a CSR project to improve learning outcomes of over 12000 children enrolled in Govt. Elementary Schools are located in 82 Villages of Jambusar Block. The project envisages age & grade-appropriate learning standards for students in 135 Schools of Jambusar taluka in Bharuch district.



Highlights during the month

- Total **5545** children (from grade I-VIII) participated in regular activities
- 40 days Learning Camp is completed in 22 schools: 10 days camp is going on in 2 schools
- Total 727 target children from Std 3 to 5 fall under Beginner, Letter and Word Level are participating in these camps
- Children are working and learning in groups with the help of various TLMs
- Light activities running with a total of 1188 children from Std 1 & 2 under 24 schools
- Library Groups are running in all villages
- Daily Home activities through message sharing go on in every village
- Endline Assessment completed under 61 schools with 1507 children



Science Workshop:

- Skeleton workshop completed in 62 schools by Vigyan Mitra
- A total of 1608 children from Std 7 reached under Science Workshop
- Skeleton Workshop completed in 44 villages at the community level
- Total of 874 children were covered from Std 6 to 8 under this workshop





Library Gorup Activities

- Library Groups are running in 80 villages through volunteers. Total 398 Groups actively participating in day-to-day activities. Total 1912 children covered from Std 3 to 8

Daily Home Activities

- Daily messages were shared with 1289 children from Std 1 & 2, 2542 children from Std 3 to 6, and 1714 children from Std 7 to 8

Results of Endline Assessment, 2022 (Validated by ASER Team)

S.No.	Key Performance Indicators	Unit of Measurement	Endline 2021-22*
1	Reading	Children can read Std 1 level text	68%
		Children can read Std 2 level text	41%
2	Math	Children will be able to solve addition sums	89%
		Children will be able to solve subtraction problems	76%
		Children will be able to do multiplication	51%
		Children will be able to do division	37%





ASMITA Project - Women Empowerment through Improved Access to Credit and Livelihood Initiatives in 20 Villages

ASMITA project is being implemented with an aim to form and strengthen Self-help Groups (SHGs) of women for creating a sustainable base for micro finance activity in 20 villages- 15 villages of Jambusar (Sarod, Nodhna, Uber, Vedach, Samoj, Kavali, Nahar, Kangam, Amanpur, Tundaj, Kareli, Kanhva, Piludra, Nobar & Bhodar) and 5 villages of Panoli area (Panoli, Sanjali, Kapodara, Bakrol & Umarwada).

Coronavirus pandemic created an opportunity to test the resilience of the leadership and systems. The second & third wave forced people to adapt the new normal stringently. Following interventions were done during the month in Jambusar.

- **Strengthening of SHGs:** Monthly meetings of 125 groups were conducted and 1097 SHG members participated in the meeting. The meetings entailed discussions on regularity of conducting meetings, savings, loan repayments, updating records and linking members with Insurance & Govt. schemes. The women were made aware about vaccination drive

- **Status of Savings:** 128 groups accumulated total savings of ₹2.38 lac
- **Status of Loan Accessed:** 17 women from 3 villages accessed loans amounting to ₹3,92,000. This month's loan was majorly availed for Animal Husbandry. 20 SHG women renewed their Joint Liability Group Loan of ₹4,00,000

- **Animal Husbandry Training**

Training on Animal Husbandry was conducted in Kareli village for 5 days. A total of 31 women participated in the training. It aimed at scientific practices of cattle rearing, health, and nutrition, care of both the cattle and its calves. Pre and Post data of the training was collected and in the process of analysis.





- **Grading**

Women from 44 groups participated in the grading audit. Of the 44 groups, 18 groups received an 'A' grade, 16 groups received a 'B' grade, and 10 groups received a 'C' grade. Groups that are 6 months old were graded based on the following criteria: Groups' characteristics, account keeping, money transaction, adoption of rules and policies, bank interface, meetings, savings, lending, penalty, leadership, group records, etc were evaluated.

Annual accounting was administered informing the member of their passbook status, saving deposited, and remaining loan amount.

- **Highlights of Panoli**

Monthly meetings of 88 groups were conducted covering 1004 SHG members. The meetings entailed discussions on the regularity of conducting meetings, savings, loan repayments, and linking members with insurance schemes. The women were made aware of the surging fresh wave of COVID-19.

All groups who have received loan amounts through Mahila Utkarsh Yojana were informed to repay the loan amount by depositing ₹1,000 per month. Groups who opened their bank accounts were advised to submit necessary documents in Taluka for receiving the revolving fund.





- **Status of Savings & Loan**

- 79 groups collected a total saving of ₹1,15,900
- A total loan amount of ₹1,16,000 was availed by 17 women. The major loan was availed for initiating income-generating activity, education, health & marriage purposes.

- **VO Training**

Taluka in charge of JLG (Joint Liability Group) imparted information on the formation of VO to our SHG members in Bakrol Village. All the SHG group leaders were present. VO (Village Organisation) is formed through a collective of 10 SHGs and each SHG contains 10 members. One member from each SHG forms a part of the Sakhi Group and a President, Minister and Treasurer is elected from this group to manage VO's accounts. The VO gets a loan of ₹15,00,000.

- **Skill Training**

15 members are attending the newly initiated skill training for (CCC) Computer Class at Unique Academy Ankleshwar.

- **Grading**

Women from 10 groups participated in the grading audit. Of the 10 groups, 8 groups received an 'A' Grade & 2 groups received a 'B' Grade. Groups from two villages underwent the grading process where the groups' characteristics in account keeping, money transactions, and individual and bank passbooks were evaluated.

- **Exposure trip on Community Waste Management**

An exposure visit to 'Swachhta Kendras' in Akhod was conducted with 22 women from Sanjali and Bakrol. Waste Plastic Recycle Project for Alternative Livelihood has been initiated with technical support from CSR - Technip Energies Ltd. This is a project with twin objectives.

1. Alternative source of livelihood for women.
2. Protection of the environment through recycling of waste plastic.





Economic Empowerment of Women Smallholders and Workers through Improved Agriculture and Inclusive Dairy Value Chain Promotion

PI Foundation along with CARE India is implementing a project titled 'Improved Agriculture and Inclusive Dairy Value Chain Promotion' (IAIDVC-II) in 59 villages of Jambusar block of Bharuch district in Gujarat. The project is working with 3,369 women smallholders through 293 Self Help Groups (SHGs) and 6 cluster level federations. The goal of the project is to enhance the economic empowerment of women smallholders and landless workers through improved agriculture, livestock, and inclusive dairy value chain promotion.

Strengthening of SHGs and Federation

- After the interface meeting with PRI members and SHG members in villages, PRI members extended their support to SHG women and appreciated their efforts. Continuing interface meetings have been organised in the remaining 24 villages covering 59 villages of the project area in which SHG members, PRI members, and other influential people of the village participated. These initiatives by the SHG members helped SHGs to get recognition from the community and PRI members.

- **Federations:** Monthly meetings of all six federations are organized every month in different villages in which two to three representatives from all Federations participate to have an exchange of updates and ideas along with marketing and promotion of the product and services of the Federation. The 13th monthly meeting of the Federation was organized at Jambusar office in which 33 members participated and had an important discussion on Taluka Level Federation.





- **Savings and Loan:** ₹2.66 lac was the monthly saving of 273 SHGs in this month; cumulative total saving of 293 SHGs till date is ₹1,11,46,462. ₹2,17,000 has been accessed by 29 SHG members through internal loan. The purpose of taking loan was mainly to purchase agriculture input material, cattle feed, goat purchase, starting small petty shop and maternity help etc.
- **Bank linkages:** One SHG received ₹1,00,000 loan under Mukhya Mantri Mahila Utkarsh Yojana (MMUY). Regular follow-ups are done by SHG members with the bank for the submitted applications of Cash Credit and MMUY loans.

Linkages with Government Department

- Mr. Adharsh Rajendran, I.A.S., SDM Jambusar visited Dabha village to get acquainted with SHGs functioning and impact in the project. In Dabha village, all the SHG members presented the journey of the SHG, and also discussed and reflected on how it helps to change the attitude of family and how small savings helps them in emergencies. SHG women also narrated about various micro-enterprises initiated with the support from the internal loan and fetching an income from the small enterprise.

Capacity Building

- Financial Literacy, leadership and management training, and vision building exercises were conducted with SHG members to build their capacity. Apart from this, training for Agri leaders and training for dairy entrepreneurs was organized.
 - TOT for cluster coordinators and change agents have been organized on Soil testing, Wheat harvesting and Cattle care in the summer season. 126 Agri leaders have been provided training by cluster coordinators and change agents on the topics covered in TOT.
 - One-day training has been organized for 30 Pashu Sakhis.
 - 20 Bakri Palak Pathshala have been organized to create awareness of good practices in goat rearing and promote Pashu Sakhi work.
 - 8 Gender Dialogues have been facilitated with 198 couples using the gender dialogue toolkit.





Project Achievements validated by third party independent study conducted by Centre for Integrated Development, Ahmedabad

Indicator	Details
Total number of SHGs	293
Total number of members	3,369
Total saving amount	₹1,14,12,462
Interventions	Achievements
Cluster level federations	6 nos
Revolving fund from Banks	140 SHGs -(₹14,00,000/-)
Cash Credit/MMUY from NRLM	66 SHGs -(₹66,00,000/-)
Total Numbers of Micro enterprises established	324 nos
• Pashu Sakhi (Small Livestock Management)	30
• Tailoring trainees	53
• Beautician trainees	31
• Imitation Jewellery making trainees	25
• Khatali Bharat	10
• Box Making	30
• Sangini-Sales women (Menstruation Hygiene Program)	17
• Vermicomposting, Organic pesticide and fertilizer preparation, community seed bank, nursery development, sapling growing etc.	141
Model kitchen garden developed	401 nos
Converted barren/unused/common lands in to productive land by promoting Agri-silvi-fruit-vegetable production system and growing Napier and Guar (Fodder Plant)	71.9 hectares
Demonstration plots developed for cotton and wheat	83 nos
Developed capacities, knowledge and skill of WSW on improved Agricultural practices under saline soil condition by adoption of improved POP on cotton and wheat	1596 farmers
Milk Collection Centres run by SHG women members	6 nos
Dairy entrepreneurs developed in dairy value chain	212 nos

Leveraged resources from Government Programmes

Thematic area	Total members benefitted	Leveraged amount (₹)
Total Leverage	1336	1,37,00,790
• Agriculture	736	33,02,800
• Livestock	166	7,19,740
• SHG	300	81,92,000
• Social security and other Govt. Schemes	174	14,86,250



PI's Sustainability GOALS 2025

INCREASE OPERATIONAL ECO EFFICIENCY AND REDUCING ECOLOGICAL FOOTPRINT

6 12 13

- Increase renewable energy usage to 20% of total
- Reduce CO2 emission by 25%
- **Reduce landfill Hazardous waste by 25%**
- Reduce fresh water consumption by 25%



01

ACHIEVE BEST IN CLASS EMPLOYEES SAFETY, HEALTH AND WELLBEING STANDARDS AND DIVERSIFIED CULTURE AT WORKPLACE

4 5 8

- Reduce lost-time injury frequency rate to 0.20
- Ensure NIL fatal injury in plant operations
- Increase employees average training hours per FTE by 25%.
- Increase women participation in leadership positions by 25%



02

CONTRIBUTE TO IMPROVE FARM PRODUCTIVITY AND PROSPERITY OF THE FARMERS AND INCLUSIVE DEVELOPMENT & WELLBEING OF THE SOCIETY.

4 8 10

- Introduce new technologies/product/services and intensify farmers' education to improve the farm productivity and reduce environment impact of agriculture by saving water usage
- Conduct skill development training for women and youth to improve their employability and independence
- Contribute for education and healthcare of underprivileged in the society.



03

MAY UPDATES COMING SOON

For any Feedback/suggestions, write to us: pifoundation@piind.com