



SAMARTH IN PARTICIPATORY ACTION SOCIETY

2020-2021

ANNUAL REPORT



ABOUT SIPA



A LITTLE BIT ABOUT US

Samarth in Participatory Action (SIPA) is promoted by Samarthan-Centre for Development Support for implementation of Projects. Samarthan is a leading non-profit organization with a significant presence in the Indian states of Madhya Pradesh and Chhattisgarh.

Vision

“Establish a society where every human being lives with dignity and participates in developing a sustainable, inclusive and climatic resilient environment.”

Mission

“Establish exemplars of participatory development and governance to widely spread different ways of human development and sustainable environment.”





KEY HIGHLIGHTS

THIS SECTION INCLUDES THE DIFFERENT PROJECTS IMPLEMENTED BY SIPA

PROJECTS	DISTRICTS	VILLAGES
TRANSFORMING THREE ASPIRATIONAL DISTRICTS OF MADHYA PRADESH	BARWANI, KHANDWA & SINGRAULI	150
GREEN WATERSHED DEVELOPMENT PROGRAM	SEHORE	28
CLIMATE SMART AGRICULTURE	SEHORE & BHOPAL	60
INTEGRATED WATERSHED MANAGEMENT PROGRAM -07	SEHORE	10
STRENGTHENING GOAT BASED LIVELIHOOD THROUGH PASHU SAKHI	SEHORE	40

TRANSFORMING ASPIRATIONAL DISTRICTS – AGRICULTURE & ALLIED SERVICES

The aim of this project is to encourage efficient and sustainable agricultural practices among the farmers of Three Aspirational Districts in Madhya Pradesh – Khandwa, Barwani & Singrauli. The project is driven by NITI Aayog with ITC Ltd. at the central level serving as the main funders and Samarthan (SIPA) as the implementation body. The aim of the project is to provide technical support via capacity building and regular monitoring of its implementation in close coordination with Block and Gram Panchayat level agriculture functionaries, to improve the productivity of agriculture and allied sector in these three districts of Madhya Pradesh.

NOTICE BOARD TO DELIVER RIGHT INFORMATION AT RIGHT TIME

Notice boards which have been installed in all 150 FFS Village of Barwani, Khandwa & Singrauli with the cost of Rs 50-60/ board are playing key role for sharing of crop related information to maximum nos of farmers in aspirational districts. The information related to crops; schemes are shared in the GP level whats app groups by agriculture experts further VRP shared that information via Notice Board. Farmers who don't have a smartphone and are not part of GP level whats app groups can easily get access to the information with the help of notice board. All the notice boards are placed in such a place where maximum farmers/individuals can see and read information written over there. With the help of this notice board farmers get key information related to schemes and crops on timely basis.

Major Activities:

- Capacity Building of block-level agriculture officials as Master Trainers.
- Handhold support to agriculture and allied departments in numerous activities to enhance the rank of the district in the Champion of Change Dashboard.
- Capacity Building of farmers on sustainable agricultural practices with an overall objective of reducing their cost of cultivation & increasing productivity.
- Enrolment of farmers in different government schemes related to agriculture.
- Operations at Farmer Field schools for capacity building of farmers and demonstrate sustainable agricultural practices.



FARMER FIELD SCHOOLS (FFS) - ADP



03 DISTRICTS



150 VILLAGES



3750 MEMBERS



28817 FARMERS
TRAINED

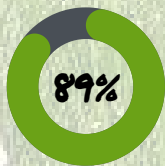


20188 FARMERS
ENROLLED IN
GOVT. SCHEMES

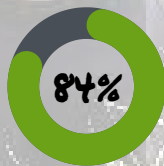


7081 HA. AREA UNDER
SUSTAINABLE AGRICULTURE
PRACTICES

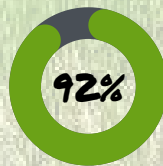
Major Achievements



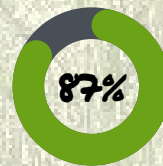
Seed
Replacement



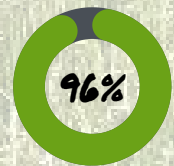
Seed
Germination Test



Seed
Treatment



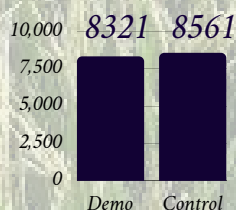
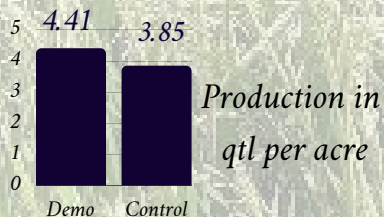
Recommended
Seed Rate



Line
Sowing

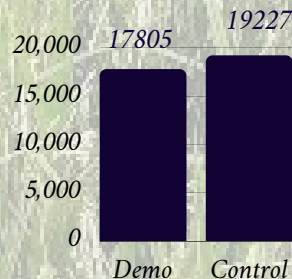
COST OF CULTIVATION & PRODUCTIVITY ANALYSIS

Khandwa
Soybean



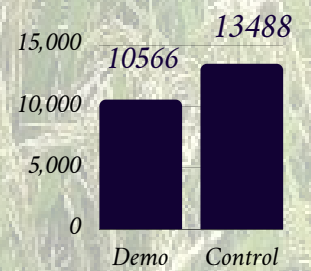
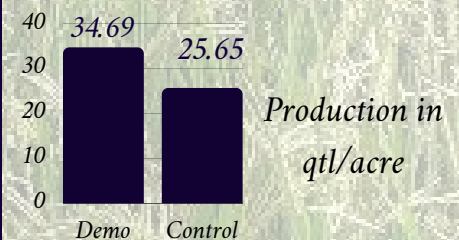
Cost of Cultivation in Rs

Barwani
Cotton



Cost of Cultivation in Rs

Singrauli
Paddy



Cost of Cultivation in Rs

DOUBLED PRODUCTIVITY USING CERTIFIED SEED



"Farmer Shivpal Singh, resident of village Deepla, block and district Khandwa, himself experimented on how the yield of crops can be increased by using advanced technology and information in farming. He planted the certified wheat seed on one acre of land and duly followed all the advanced techniques. As a result, in a traditional farming method where yield per acre is 8 quintals per acre was given, the use of advanced technology yielded 16 quintals."

Shivpal Singh used to use traditional seeds in farming due to a lack of knowledge. In the year 2018, the village was selected by SIPA in collaboration with ITC for the project "Mission Sunehra Kal". Shivpal also got his name included when the Farmer Field School group was being formed in the village to provide information about modern and advanced technology to the farmers under the project. The farmers associated with Shivpal in the FFS group were given information about modern and advanced farming techniques through various modules. The farmers were also told that the quality of seeds plays a major role in the good yield of crops. Continuous use of the same seed reduces the yield of the crop. Farmers were also provided with information about the proven varieties of different crops and their yield potential. Since Shivpal grows the wheat crop, he liked the information given about the Pusa Mangal variety of wheat. He bought 40 kg certified seed of Pusa Mangal variety of wheat from the Agriculture Department and sowed it in one acre of land. According to the information given by the agriculture expert, all the things like seed treatment, amount of fertilizer, weed control were taken care of. When the crop was standing in the field, Shivpal felt that there would be a good yield. When the wheat crop was harvested, Shivpal was very happy to see the results, where conventional seed yielded 8 quintals per acre, while certified seed yielded 16 quintals per acre. Other farmers of the village had also seen the crop on Shivpal's field, so they also asked Shivpal to provide seeds in the coming year. Shivpal will plant this seed on his entire land in the coming year.

WOMEN EMPOWERMENT

LIVELIHOOD PROMOTION THROUGH GOAT REARING ACTIVITY

To create alternative source of livelihood for farmers and enhance livelihood opportunities for woman, SIPA in association with ITC Ltd. has started this initiative of strengthening goat based livelihoods through Pashu Sakhi. Under the initiative SIPA formed a team of rural health workers known as Pashu Sakhis, in 90 villages of Sehore, Madhya Pradesh. These women specialize in the rearing and treatment of goat population which dominate the rural households of Madhya Pradesh.

Recent census shown that the population of goats in the state stood at around 81.4 lakhs, with only 30 % of the respondents having knowledge of balanced feed, 28.33 % knew about how to make silage, around 11.66 % had knowledge of disposal of animal waste and just 20% had knowledge about the vaccination of livestock.

To tackle this issue, SIPA provides training to rural women, elected from their villages. These women are skilled in the 16 best practices enlisted by The Goat Trust with focus on four major areas of Primary Healthcare, Herbal treatment, Vaccination and Profit Making by selling grains. Each of the current 48 Pashu Sakhis cater to around 350 goats, providing them an additional monthly income of around INR 4300 /-.

Project Area:

After visiting many villages, and detailed analysis of goat population, SIPA in collaboration with ITC Ltd. selected 90 villages in Sehore district of Madhya Pradesh.



Chandini B lives in Bijouri village of Sehore district, where she lived in a kaccha house with her husband Aziz Qureshi. Chandni B's family has five members, two boys, and one girl, both husband and wife are engaged in the distribution of newspapers with the monthly income of Rs3,000. The children's are still in school & the condition of their house was not good, So Chandni B started goat rearing activity after she received a goat from the organization named Bandhan back in 2017.

In 2018, under the ITC Mission Sunhere Kal project, implemented by SIPA. In this project, SIPA worked on capacity building of Pashu Sakhi & farmers who are engaged in goat rearing activity. SIPA had trained farmers & Pashu Sakhi on 16 practices at the village level. Chandini B, by working as a Pashu Sakhi in Panchayat she got enough experience to start a goat farm at home. In 2019, she purchased goat kids of good breed for her farm and started the activity. So far, she has sold goats amounting to Rs2,50,000 with the help of the farm, and currently, she has 17 nos of goats worth Rs 2,00,000.



90 Villages
3560+ Families



85% reduction in
goat mortality
rate



Additional monthly income of
INR 4300/ month to Pashu Sakhi's

CLIMATE SMART VILLAGE

SIPA in collaboration with ITC has started this initiative to promote sustainable agriculture practices in 60 villages of Sehore & Bhopal districts. The initiative aims to mitigate the impact of climate change in agriculture sector by developing these villages as Climate Smart Villages. Under this program farmers are being trained on five components of climate smart agriculture: Weather Smart, Water Smart, IT Smart, Nutrient & Carbon smart and institution smart through Farmers Field Schools.

WEATHER SMART - AGRICULTURE

To promote weather - smart agriculture information regarding the weather or weather reports shared to farmers through whats app groups/audio note through mobile phones.

Apart from this farmers have been aware about Pradhanmantri Fasal Bima Yojan (PM-FBY) by organizing scheme awareness camps. This schemes helps farmers to mitigate the risk of climate in particular crop.

WATER SMART - AGRICULTURE

Farmers were made aware of how micro irrigation (sprinkler, drip, etc.) would not only save water as compared to flood irrigation, but also would improve crop yield. Farmers were also trained on Water & Soil conservation. Ground Water recharge.

With the help of demonstration, farmers were trained on new techniques for cultivation such as Broad Bed Furrow & Raised Bed Furrow and how we can use them to conserve water and use water for efficient irrigation.

SEED SMART - AGRICULTURE

This is aimed at promoting the use and distribution of quality seed with the help of government department. Under this, training were given to farmers on Seed Treatment and Seed Germination test and effective seed rate to be adopt while sowing any crop. Under this we also farmers change the traditional seed and encourage them to use foundation or breeder seed certified by Krishi Vigyaan Kendra for particular Agro climatic condition.

NUTRIENT & CARBON SMART - AGRICULTURE

The objective of nutrient and carbon smart agriculture is to ensure that the soil utilizes all the nutrients it receives. Any soil with 0.5-1% carbon is considered good soil, with 50% having good soil. Hence to understand the soil that drives their livelihood, farmers are encouraged to test their soil under Soil Health Card Scheme and then to augment it with only the nutrients lacking. To this effect, Nutrient Health Card were made for 202 farmers, after testing, with a list of only those nutrients lacking, so as to not disturb the soil with more than the required nutrients.

MARKET SMART - AGRICULTURE

This is aimed at strengthening the power of groups and committees at the village/panchayat level- SHGs, Farmer Associations etc. They are made aware of the various schemes and methodologies, how to avail them, in order to spur on their interest and help the spread of knowledge.

60 Farmer Field Schools were started in 60 villages wherein 735 farmers were enrolled. stage to stage knowledge of the entire farming process, discussed in their monthly meetings.

CLIMATE SMART VILLAGE

CSV PROJECT FUNDED BY ITC AIMS AT MITIGATING CLIMATE RISK WITH SMART AGRICULTURE



Mr. Ramswarup Verma has been part of Climate-Smart Village (CSV) since 2019 which is a project implemented by SIPA & funded by ITC in Sehore & Bhopal district. Under this project, he has undergone various training, workshops on crop package of practice, scheme awareness & actualization, and uses of new farm technics with the help of demonstrations.

In the last Kharif season, he has **demonstrated Broad Bed Farrow (BBF)** technics in 1.5 acre of land for cultivation of **soybean (JS-1569)** he has **sown 45 kg seed in his land got 6qtl yield** from his land.

In Rabi season he doesn't disturb the bed and sown **HI8769 variety of wheat**, for which he has taken **30 Kg seed rate** and **harvested 26 qtl from that land**.

"By applying this technique in his field, he's been able to irrigate with the help of a bed and saved a lot of water and subsequently there was increase in yield as compared to other fields."

CONSERVING GROUND WATER BY USING SURFACE WATER FOR AGRICULTURE PURPOSE

The program aims to conserve ground water in 20 villages of sehare district by constructing various structures like stop dam, check dam, farm pond, etc. which benefit the entire catchment area. The water saved not only helps to irrigate land, the structure also prevents surface & soil runoff.

These structures have helped in increase in crop yield of traditional crops, crops cultivated in a year increase and it also enabled growing of water intensive crops like onion and garlic. This has increased farmers income substantially by 10 %.



Major Objectives :

- Construction/Renovation of structures to preserve water resources
- Soil and moisture conservation
- Increase in vegetation cover
- Protection, Promotion of water resources and their optimum utilization and proper accessibility.
- Creation of Job Mandates for construction work of water structures.

Stages of Project:

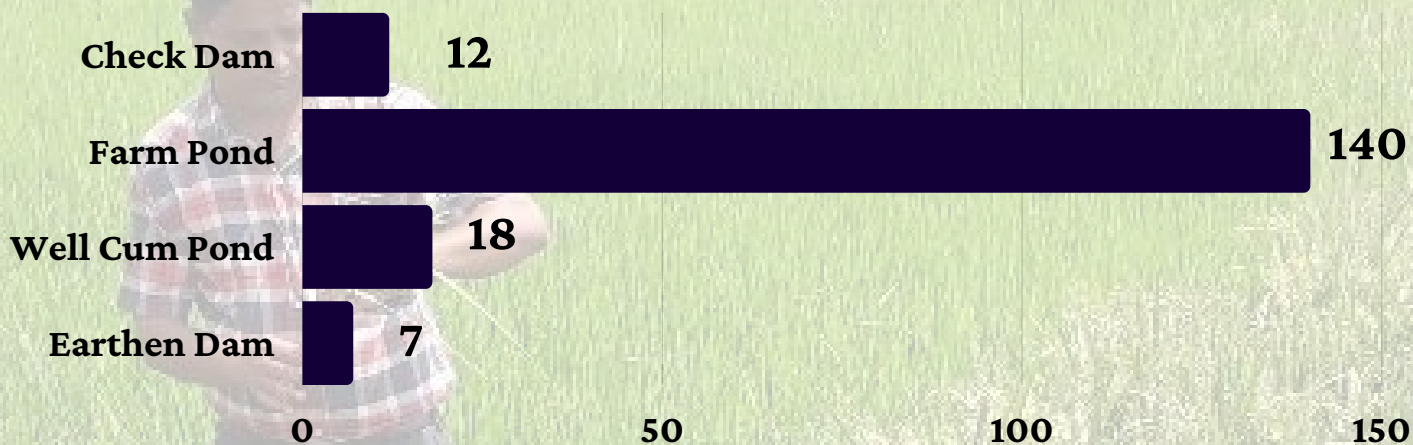
Step- 1) Inclusion of villagers in programme through various committees, linkages with local authority like PRIs strengthening their participation through detailed program report.

Step- 2) Watershed expansion stage: The core of project, this involves implementation of the project according to the approved project report and with the participation of individual farmers.

Final stage : this stage involves establishing steady links between the beneficiary and resource created so as to provide villagers with augmented, self-sufficient income source.

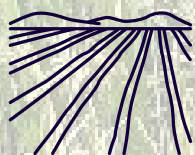
Water Conservation

Water Harvesting Structures



A total of 184 different water harvesting structures has been constructed by Samarth In Participatory Action Society (SIPA) under different projects, having total water storage capacity of 6,07,590 cum. which can irrigate 309 Ha. of land.

Soil & Moisture Conservation



**Field Bunding - 1657
acre area**



**Nala Rejuvenation -
12 nos with water storage
capacity of 94350 with
command area of 97 acre**



**Grassland- 600 Ha
developed
Land development from
non-productive land**

Through soil & moisture conservation activities, SIPA has able to conserve a total of 38,740 cum. of soil from running off as the sediment rate has decreased to 3.65gm/l from 15 gm/l.

ORGANIZATIONAL ACCOUNTABILITY & TRANSPARENCY

Staff Salary

Salary per month (INR)	Nos of Staffs (Including Contractual)
10,000-20,000	03
20,001-30,000	12
30,001- and above	03
Total	18

Board Meeting

Date	No of Participants
17 th November 2020	06

Bankers & Auditors

Bankers	Statutory Auditor
State Bank of India	CA R. Rishi & Associates S-3, Plot No. 23-24, Goyal Niket, Press Complex, Zone-I, Bhopal -462011
Axis Bank Ltd.	
Yes Bank Ltd.	
Canara Bank	

FINANCIAL STATEMENT (FY 2020 - 21)

ABRIDGED BALANCE SHEET & ABRIDGED INCOME AND EXPENDITURE STATEMENT AS ON 31ST MARCH, 2021

Samarth-In Participatory Action Society				
Financial Statement				
Abridged Balance Sheet				
Particulars	Current Year 2020-21		Previous Year 2019-20	
	INR	%	INR	%
Assets				
Fixed Assets	5,60,722.00	7%	5,70,895.00	7%
Investments	35,72,045.00	46%	18,67,005.00	24%
Deposits and Advances	3,60,800.00	5%		0%
Current Assets	33,18,420.00	42%	51,99,163.00	68%
Total	78,11,987.00	100%	76,37,063.00	100%
Liabilities				
Current Liabilities and Provisions	21,37,976	27%	21,13,489.00	28%
Accumulated Fund	56,74,011	73%	55,23,573.00	72%
Total	78,11,987.00	100%	76,37,062.00	100%

Abridged Income and Expenditure Account for the year ended on 31st March 2021				
Particulars	Current Year 2020-21		Previous Year 2019-20	
	INR	%	INR	%
Income				
Indian Sources (Projects Grants)	1,64,89,341	96%	2,18,69,618.00	80%
International Sources (Projects Grants)	2,612	0%	11,98,173.00	4%
Others (Self Generated Income)	6,29,538	4%	41,74,101.00	15%
Total	1,71,21,491.00	100%	2,72,41,892.00	100%
Expenditure				
Indian Sources (Projects Expenses)	1,67,83,778.00	99%	2,33,79,749.00	92%
International Sources (Projects Expenses)	-	0%	9,91,357.00	4%
Others (Admin, Assignments)	1,87,274.00	1%	10,11,673.00	4%
Total	1,69,71,052.00	100%	2,53,82,779.00	100%
Self-Generated Receipts	1,50,439.00		18,59,113.00	

Funding Partners



Indo-Global
Social Service Society



Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



Knowledge. Voice. Democracy.

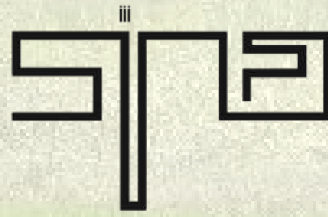
PRIA



**Development
Alternatives**



Public Health Engineering Department



Samarth In Participatory Action Society (SIPA) is a leading not for profit organization working in the Indian state of Madhya Pradesh since 2008, with an objective of developing sustainable, inclusive and climate resilient environment.



✉ samarth.sipa08@gmail.com

🌐 www.sipaindia.in