

AMAL ROY
Secretary
Satmile Satish Club O Pathagar (SSCOP)



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From the Secretary Desk:

It gives me immense pleasure to present the latest edition of Satmile Satish Club O Pathagar's (SSCOP) Annual Report for the Financial Year 2024-25. The past few years have been challenging for all including 2023-24 and as we step into a new "post-COVID" world, brimming with hope and armed with the determination to mitigate and emerge stronger from the impact of the pandemic, SSCOP India has evolved as a preferred partner with communities especially small, marginal and women farmers, local rural entrepreneurs, most underprivileged populations, particularly those from marginalized communities.

At SSCOP, it was a period of rapidly scaling up our response on agriculture, allied sector, livelihood, climate change, rural entrepreneurship, and education focused on the needs of the farmers, women, and girls from the marginalized communities we work with.

For us, this past year has seen several collaborations and partnerships that have contributed significantly to improving our reach and programmatic impact among farmers, women, and girls, especially from the most marginalized communities in the poorest and remotest regions, and brought about meaningful and sustainable change in their lives and livelihoods.

This year has also seen SSCOP diversifying into the Fisheries sector to enhance the livelihoods of small fishers and also the critical issue of climate change where we have initiated some very important projects.

You all will also be happy to know that SSCOP has also geographically expanded its operations with States like Bihar, Jharkhand, and Telangana and also are in the process of some more states.

During the year, SSCOP has directly reached out to more than 1 lakh people in 5 states across 12 projects through interventions in agriculture, livelihoods, rural women entrepreneurship, climate change, and fisheries. This was only possible by building cross-sectoral partnerships with Governments (Both State and Central) and International, Research donors, who together steadfastly supported us in planning, implementing, monitoring, knowledge generation, and delivering large-scale impact on the ground. We are grateful to all our partners for their support in driving the execution of various programs in this environment. We are also deeply indebted to our members of corporate partners for the funding to deliver much-needed assistance to the rural communities. In addition, the support of the state government, and district officials provided to us was of immense help in delivering the projects and activities where needed.

Looking back, we have emerged stronger and more resilient to take on the setbacks caused by the pandemic and post that period of confusion and less support to NGOs. With the support of our donors and collaborators, we are determined to build systems towards delivering impact at scale.

Warm regards,
(Amal Roy)


Secretary
Satmile Satish Club O Pathagar
Satmile, Cooch Behar

The Organization:

Satmile Satish Club O Pathagar (SSCOP) was formally established in 2001 as a NGO under the Societies Registration Act. The organization has an old history of 47 years when it is used to be a Club organizing social and cultural events, sports activities etc. However, with the passage of time it was realized that it had a bigger role in the community and hence it initiated activities to empower the rural communities and especially the small and marginal farmers and women to address the issues concerning the continuous cycle of poverty, backwardness and illiteracy.

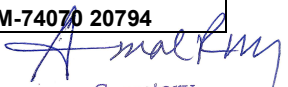
SSCOP aims to strengthen and facilitates formation of grass-roots level institutions like Self Help Groups (SHGs), Farmer Producer Organizations (FPOs), Farmer Producer Companies (FPCs), and Community Based Organizations (CBOs) and builds their capacities to take informed decisions and execute activities which benefit the rural community at large. It helps to forge linkages of these grassroots organization with the various government departments, banks and other important organizations so that the rural poor have an access to the various schemes directly.

The organization believes and initiates the principle of community empowerment to ensure their stakes and participation in their development leads to a collective decision making for sustainable growth with higher economic returns.

SSCOP works in the area of Agriculture, allied sector including poultry, goatery, duckery, piggery and fishery, Education, Sanitation, WASH, Livelihood, Entrepreneurship, Training and Capacity Building and Farm Mechanization.

Governing Body

Sl. No.	Name	Sex	Designation	Educational Background	Age	Address
1.	Mr.Ahammad Hossain S/O- Nurul Islam	M	President	H.S	46	Vill:Chhat Elajan,P.o: Elajaner kuthi,P.S:Kotwali, Dist:Cooch Behar, Pin:736157 (W.B.), M-7384498200
2.	Mr.Jiban Kr. Roy S/O- Khanindra Nath Roy	M	Vice-President	H.S	45	Vill:Giriarkuthi, P.o: Elajaner kuthi, Dist:Cooch Behar,Pin:736157(W.B) M-9733152291
3.	Mr.Amal Roy S/O- Manteswar Roy	M	Secretary	B.A	44	Vill:Chhat Elajan,P.o: Elajaner kuthi,P.S:Kotwali, Dist:Cooch Behar, Pin:736157 (W.B.), M-7585924002
4.	Mihir Kr. Sarkar	M	Asst. Secretary	H.S	46	Vill:B.K.Bar, iP.o: Elajaner kuthi P.S:Kotwal, Dist:Cooch Behar Pin:736157(W.B), M-8348090969
5.	Mr.Noizrul Islam S/O- Lt. Mechher Ali	M	Treasurer	B.A	56	Vill:B.K.Bar, iP.o: Elajaner kuthi P.S:Kotwal, Dist:Cooch Behar Pin:736157(W.B), M-9800125813
6.	Goutam Sarkar S/O- Rupmohan sarkar	M	Member	M.P	45	Vill:B.K.Bar, iP.o: Elajaner kuthi P.S:Kotwal, Dist:Cooch Behar Pin:736157(W.B), M-9614496916
7.	Paritosh Roy S/O- Patneswar Roy	M	Member	H.S	46	Vill:Giriarkuthi, P.o: Elajaner kuthi, Dist:Cooch Behar, Pin:736157(W.B), M-74070 20794


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On Going Project:

Sl. No.	Project Name
1	Formation and Promotion of 10K Farmers Producer Organization (FPO)
2	Formation and Promotion of 10K Farmers Producer Organization (FPO)
3	Formation and Promotion of Fish Farmer Producer Organizations (FFPOs) under Pradhan Mantri Matsya Sampada Yojana (PMMSY)
4	Improved Agricultural Practices through Carbon Finance for Subsistence Farmers in West Bengal Alternate Wetting and Drying (AWD) Project.
5	Sustainable Paddy Cultivation Initiative in India Alternate Wetting and Drying (AWD) Project.
6	Sustainable Agricultural Practices for Rice Cultivation Alternate Wetting and Drying (AWD) Project
7	Regenerative Agriculture Practices for Rice Cultivation
8	Sustainable Regenerative Agriculture practice in India
9	Bengal Agroforestry Project
10	Transforming Smallholder Food Systems In The Eastern Gangetic Plain
11	Hi-Tech Potato Seed Production Programme
12	Samunnati Loan Services
13	Custom Hiring Centre (CHC)
14	Direct Aided Programme
14	Create Goat Bank for Women Empowerment
15	Farmers Training
16	Paddy Seedling Factory
17	Millet Production, Processing and Marketing

Project Partner:

1	Small Farmer's Agri-Business Consortiam (SFAC)
2	Paschimbanga Agriculture Marketting Corporation Limited (PAMCL)
3	Small Farmer's Agri-Business Consortiam (SFAC)
4	Kosher Climate India Private Limited.
5	Erda Illumine Low Carbon Solution Private Limited.
6	Varaha ClimateAG Private Limited.
7	Varaha ClimateAG Private Limited.
8	Erda Illumine Low Carbon Solution Private Limited.
9	Aavishkaar Venture MGMT Service.
10	The University of Edelaide
11	Govt. of West Bengal
12	Samunnati Agro Solutions Pvt. Ltd.
13	Govt. of West Bengal
14	Australian Consulate-General in Kolkata, India
15	UBKV, KVK and ATC

Our Best Team:

SATMILE SATISH CLUB O
PATHAGAR (SSCOP)



Our Best Team



Working for better tomorrow

Thematic Areas: Integrated Rural Development Framework

Our approach to rural development encompasses a multi-dimensional set of thematic areas designed to improve livelihoods, promote sustainable agriculture, and empower marginalized communities. The focus is on long-term resilience, environmental sustainability, and inclusive growth. Below is a detailed write-up on the key thematic areas we work on:

Agriculture and Allied Sectors:

Stainable and climate-resilient agricultural practices that ensure food security and improve farm productivity.

- Conservation Agriculture:

Promoting minimum soil disturbance, crop rotation, and permanent soil cover to maintain soil health, enhance water use efficiency, and reduce carbon footprint.

Regenerative Agriculture:

Emphasizing soil regeneration, biodiversity, and ecological balance through practices like composting, cover cropping, agroforestry, and integrated pest management.

Alternate Wetting and Drying (AWD):

Introducing water-saving irrigation methods in rice cultivation to reduce water consumption, methane emissions, and input costs for farmers.

Farm Mechanization:

Facilitating access to modern agricultural tools and machinery, especially for small and marginal farmers, to enhance productivity and reduce labour intensity.

Allied Sectors (Poultry, Duck Rearing, Piggery, and Fishery):

Diversifying livelihoods by promoting integrated farming systems and providing technical support, veterinary services, and market linkages for animal husbandry and aquaculture.

LIVELIHOODS AND RURAL ENTERPRISES:

We aim to create sustainable livelihood opportunities that promote self-reliance and income generation, especially for women and youth in rural areas.

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Livelihood Promotion:

Enhancing income through skill-based microenterprises, collective farming, and producer groups.

Rural Enterprises:

Supporting the establishment and growth of rural micro and small enterprises with training, mentoring, access to finance, and market support.

Skilling and Employment:

Implementing targeted skill development programs with a focus on entrepreneurship, enabling rural youth to become job creators rather than job seekers.

Women Empowerment:

Ensuring gender-inclusive development by promoting women's leadership, financial literacy, access to credit, and participation in decision-making processes.

Training and Capacity Building:

We believe that sustainable development begins with knowledge and skills. Our efforts in this domain include:

Training and Capacity Building:

Conducting structured training programs for farmers, self-help groups (SHGs), entrepreneurs, and youth on best practices in agriculture, business management, and technology use.

Farmer Field Schools and Demonstration Plots:

Establishing learning platforms where farmers can observe and adopt improved practices in real-time.

EDUCATION AND SOCIAL DEVELOPMENT:

Creating a supportive social infrastructure is key to long-term rural transformation.

Education

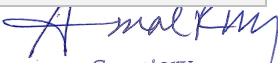
strengthening access to quality education through community-based learning centres, remedial education for dropouts, and digital literacy initiatives.

Sanitation

promoting clean and healthy living environments through awareness campaigns, construction of sanitation infrastructure, and behavioural change communication.

Organization Profile:

Name of the organization	SATMILE SATISH CLUB 'O' PATHAGAR (SSCOP)
Office address	ADDRESS: Vill-Chhat Elajan, P.O.-Elajaner Kuthi, Dist-Cooch Behar, Pin-736157, West Bengal, India, Phone- 785924002,
Year and type of registration	S/1L/6679 of 2001-02 under W.B Society Regd. Act-1961
Contact details of the nodal person/ Chief Functionary	Amal Roy, Secretary Address- Vill-Chhat Elajan, P.O.- Elajaner Kuthi, Dist- CoochBehar, Pin- 736157, West Bengal, Mobile No.- 7585924002,
Contact Number	+917585924002
Geographical area of operation	Cooch Behar, Alipuduar, Jalpaiguri, Uttar Dinajpur, Dakshin Dinajpur, Malda Districts and most of West Bengal. Assam, Tripura, Bihar and also Nepal.
FCRA No. with year of FCRA Registration.	146970010 of 2007-08 on Dated- 22.01.2008 (Under Ministry of Home Affairs, Govt. of India)
Income Tax Regn. No. under Section 12A & PAN (Permanent Account No.)	DIT(E)/S-11/8E/278/10-11, DATE-30.09.2010 & PAN -AAAJS3253R
NITI Ayog (NGO Darpan)	WB/2017/0152042
Income Tax Regn. No. under Section 80G (5) (VI)	DIT (E)/254 DATED 30.09.2010 8E/278/10-11


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Organization Website	http://satmilesatishclub.co.in
Organization E-mail	info.satmilesatishclub@gmail.com

SSCOP's Ongoing Project:

Project Title	Transforming Smallholder Food Systems in the Eastern Gangetic Plains.
Project objective	1. Understand the context for diversification in the Eastern Gangetic Plains. 2. Define and implement diversification pathways. 3. The main objective of the plot field is to not waste the window gap between kharif rice and boro rice.
Total Block Covered	Coochbehar-I, Coochbehar-II and Mathabhanga-II (3)
Total Outreach Farmers	55
Total village covered with village name	Bhogmara, Ruidanga and Choto Atharokota
Total land covered	59.25 (Bigha)
Total number of mobilization programme	27
Total human resource	5

1. A.

The Eastern Gangetic Plains of Bangladesh, India, and Nepal are home to 450 million people, with the world's highest concentration of rural poverty and a strong dependence on agriculture for food and livelihood security.


The area has the potential to become a major contributor to South Asian regional food security, but agricultural productivity remains low and diversification is limited. This is because of poorly developed markets, sparse agricultural knowledge and service networks, inadequate development of available water resources, and low adoption of improved, sustainable production practices.

Current food systems in the Eastern Gangetic Plains do not provide smallholder farmers with profitable livelihoods, nor the population of the region with balanced diets, and put unnecessary pressure on natural resources. Transformation of the food system, with viable technical options for smallholders and interventions for scaling, is essential.

ACIAR and DFAT have invested more than \$25 million into diverse farming systems research in this region over the past decade. The new Rupantar project builds on existing work and partnership networks to provide a link between research outputs and development goals, through the demonstration of inclusive diversification pathways, definition of processes for scaling to the millions of smallholder farmers in the region, and generating a better understanding of the policies that support diversification.

Mechanized Boro Rice Cultivation

In Plot area (Bhogmara and Ruidanga village) farmers have adopted an innovative cropping sequence by introducing zero-tillage (ZT) mustard between the Kharif and Boro rice seasons. Using ZT machines, mustard seeds were sown uniformly, ensuring consistent germination and optimal plant spacing. Following the mustard harvest, modern techniques were employed for Boro rice cultivation. Seedlings are raised in specialized seedling factories, promoting uniform growth and health. These seedlings are then efficiently transplanted into fields using mechanical rice transplanters, enhancing productivity and reducing labor requirements.


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At Ruidanga village, farmers continued with traditional methods for Boro rice cultivation. However, they faced challenges due to soil moisture stress, which adversely affected the germination of mustard seeds sown earlier. This led to concerns about the viability of subsequent rice cultivation, especially regarding the use of transplanted. Despite these challenges, the farmers proceeded with conventional transplanting methods, relying on their experience and available resources. Also SSCOP has provided Urea, Potash, Insecticide (Ustad) and Rice Seed to the farmers.

Following the Boro Rice harvest, farmers will grow Kharif Rice in both the area.

Diverse Chilli Cultivation Practices

In the Choto Atharokota region, farmers engaged in chilli cultivation using both high-yielding hybrid varieties and the Mycho seed variety. From transplanting to harvesting of fruit several activities has done including raising bed, mulching, weeding, spraying, fertilizer application etc. Most farmers have completed six to seven rounds of harvesting. Due to low market prices for green chillies, many farmers opted not to harvest them at the green stage. Instead, they allowed the chillies to ripen on the plants, after which they were harvested and dried for processing into chilli powder. This approach helps in value addition and better marketability of the produce.

Implementation impact and Beneficiary Outcome-

In Bhogmara village, the adoption of mechanized rice transplanting has led to notable improvements in crop health and yield. Seedlings were raised in a controlled seedling factory environment and transplanted into the fields using rice transplanter machines. This method ensures uniform planting depth and spacing, which promotes healthier plant growth and reduces seedling stress. Farmers are pleased with the adoption of mechanized rice transplanting, as it not only boosts crop yields but also significantly reduces labor costs, enhancing overall profitability and efficiency.

In the Choto Atharokota region, a project aimed at reducing the cost of chilli cultivation has been implemented with promising results. Traditionally, farmers applied insecticides every 2–3 days, leading to high input costs. Under the new approach, the interval between pesticide applications has been extended to 7–10 days, effectively reducing the number of sprays and associated expenses. This strategy not only lowers production costs but also minimizes environmental impact and potential pesticide resistance.

Type of Activities covered-

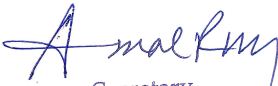
Farmers' comprehensive crop-care cycle includes: raising seedlings in well-prepared nurseries, mulching, transplanting healthy young plants into properly irrigated fields, managing water through surface irrigation, applying fertilizers and pesticides via spraying, controlling weeds manually, mechanically and chemically and finally harvesting mature crops followed by threshing and post-harvest handling.

Field visit, monitoring, proper data collection and maintaining of data is ongoing.

Key Achievements-

In 2023, ten farmers cultivated chilli in irrigation-constrained areas. By 2024, the initiative was successfully out scaled to more farmers.

In 2023–2024, 24 farmers cultivated ZT Mustard in demonstration plots. Building on this success, 20 more farmers adopted ZT Mustard under out scaling in 2024–2025.


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Transforming Smallholder Food Systems in the Eastern Gangetic Plains.

Programme Photo



1. B.

Project Title	Formation and promotion of 10k fpo under CSS
Total FPO	37
Total district covered	9
Total block	37
Total outreach Farmers	25000
Project Objective	The primary objective of the 10,000 FPO (Farmer Producer Organization) project is to create a supportive ecosystem for the establishment and growth of 10,000 new FPOs, aiming to improve the livelihoods of farmers and foster vibrant agricultural communities. This includes enhancing productivity, ensuring better market access, and providing financial and institutional support for sustainable agriculture.
Total number of mobilization programme	120
Total Number of Ceo training	15
Total Number Of accountant Training	18
Total number of director training	25
Total human Resource	16

CHANGING LIVES OF SMALL FARMERS IN WEST BENGAL THROUGH FORMATION AND PROMOTION OF FARMER PRODUCER ORGANIZATIONS (FPOs):

SSCOP is empanelled as a CBBO with SFAC to promote 10000 FPOs in India – Formed 37 FPOs in 9 Districts of West Bengal. SSCOP is also partnering with Paschim Banga Agri Marketing Corporation Ltd. (PAMCL) in the formation of 4 FPOs under the 10000 FPOs in India Scheme.

Department of Agriculture, Cooperation and Farmers' Welfare, Ministry of Agriculture & Farmers' Welfare, Government of India has launched a Central Sector Scheme for the formation and promotion of 10,000 Farmer Producer Organizations (FPOs) with the following objectives:

- ✓ To provide a holistic and broad-based supportive ecosystem to form new 10,000 FPOs to facilitate the development of vibrant and sustainable income-oriented farming and for overall socio-economic development and well-being of agrarian communities.
- ✓ To enhance productivity through efficient, cost-effective, and sustainable resource use and realize higher returns through better liquidity and market linkages for their produce and become sustainable through collective action.

A. Mallick
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Satmile Satish Club O Pathagar
Satmile, Cooch Behar

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- ✓ To provide handholding and support to new FPOs up to 5 years from the year of creation in all aspects of management of FPO, inputs, production, processing and value addition, market linkages, credit linkages, and use of technology, etc.
- ✓ To provide effective capacity building to FPOs to develop agriculture entrepreneurship skills to become economically viable and self-sustaining beyond the period of support from the government.

Main Objective of the FPOs:

The objectives of the FPOs (long-term and short-term) are to:

1. Undertake various activities such as the bulk purchase of inputs and delivery to farmer members; marketing of produce, grading and quality control, and first level processing of farm produce
2. Assist farmers to realize higher prices for their produce through aggregation & sale and also value addition
3. Assist farmers from the cluster in reducing production costs through rationalized use of inputs and labour and the use of modern Farm Technology
4. Ensure timely availability of quality Agro-inputs at competitive rates through collective procurement
5. Procurement and maintenance of farm equipment for hiring out among farmers from the cluster (CHC)
6. Assist the producer organizations to develop and strengthen the linkages for
 - a) Knowledge and information
 - b) Banks & other commercial lending institutions
 - c) Input suppliers and traders
 - d) Insurance companies
 - e) Logistics providers etc.

The project focuses on establishing and promoting **37 Farmer Producer Organizations (FPOs)** across **9 districts** in **37 blocks of West Bengal**, reaching out to **25,000 farmers**. Its primary aim is to build a strong ecosystem that supports the formation and growth of FPOs, thereby improving farmers' livelihoods and fostering vibrant agricultural communities.

The initiative emphasizes enhancing productivity, ensuring better market access, and providing financial and institutional support for sustainable agriculture.

To achieve these goals, the project has undertaken significant capacity-building and mobilization efforts.

The implementation is supported by 16 dedicated human resources, ensuring effective coordination and execution across the operational areas.

- FPCs under SSCOP:


Sl. No.	FPCs Name	District	Block	IA
1	TEANADUL GOBINDABHOG FARMER PRODUCER COMPANY LIMITED	Purba Bardhaman	Raina-I	PAMCL
2	MEMARI FARMER PRODUCER COMPANY LIMITED	Purba Bardhaman	Memari-I	PAMCL
3	NAKSHIKATHA FARMERS PRODUCER COMPANY LIMITED	Purba Bardhaman	Burdwan-II	SFAC
4	KATWA NEW HORIZON FARMERS PRODUCER COMPANY LIMITED	Purba Bardhaman	Katwa-II	SFAC
5	BARDHAMAN KRISHI UDYOG FARMERS PRODUCER COMPANY LIMITED	Purba Bardhaman	Burdwan-I	SFAC
6	KATWA AGRO LIFE FARMERS PRODUCER COMPANY LIMITED	Purba Bardhaman	Katwa-I	SFAC


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7	KAMARHATI FARMERS PRODUCER COMPANY LIMITED	Purba Bardhaman	Raina-II	SFAC
8	SAMPRI TI FARMERS PRODUCER COMPANY LIMITED	Purba Bardhaman	Jamalpur	SFAC
9	KHANDOKOSH FARMERS PRODUCER COMPANY LIMITED	Purba Bardhaman	Khandaghosh	SFAC
10	AYAS AGRO FARMERS PRODUCER COMPANY LIMITED	Birbhum	Rampurhat- I	SFAC
11	KAYAKHATA RABINDRA FARMERS PRODUCER COMPANY LIMITED	Alipurduar	Alipurduar II	SFAC
12	SIRU BARI FARMERS PRODUCER COMPANY LIMITED	Alipurduar	Alipurduar I	SFAC
13	EGIYE CHALO FARMERS PRODUCER COMPANY LIMITED	Alipurduar	Falakat	SFAC
14	JAMBAR I FARMERS PRODUCER COMPANY LIMITED	Cooch Behar	Dinhata-I	SFAC
15	JHINUKAGRI FARMERS PRODUCER COMPANY LIMITED	Cooch Behar	Cooch Behar - I	SFAC
16	NEW AGRIVERSE FARMERS PRODUCER COMPANY LIMITED	Cooch Behar	Cooch Behar - II	SFAC
17	SHRODDHA FARMERS PRODUCER COMPANY LIMITED	Cooch Behar	Dinhata-II	SFAC
18	BARA HALDIBARI FARMERS PRODUCER COMPANY LIMITED	Cooch Behar	Haldibari	SFAC
19	BARODOLA FARMERS PRODUCER COMPANY LIMITED	Cooch Behar	Mathabhanga-I	SFAC
20	UNISHBISHA KISAN AGRAGAMI FARMERS PRODUCER COMPANY LIMITED	Cooch Behar	Mathabhanga-II	SFAC
21	PANCHAMAY FARMERS PRODUCER COMPANY LIMITED	Darjeeling	Phansidewa	SFAC
22	BAGMARA KRISHI KALYAN FARMERS PRODUCER COMPANY LIMITED	Darjeeling	Kurseong	SFAC
23	EKTA KISHAN SAMAJ FARMERS PRODUCER COMPANY LIMITED	Darjeeling	Naxalbari	SFAC
24	LAMAGAON FARMERS PRODUCER COMPANY LIMITED	Darjeeling	DARJEELING-PULBAZAR	SFAC
25	PARBATIYA KRISHI PRAGATI FARMERS PRODUCER COMPANY LIMITED	Darjeeling	RANGLI RANGLIOT	SFAC
26	HIGHLAND HILLS FARMERS PRODUCER COMPANY LIMITED	Darjeeling	Jorebunglow-Sukhiapokharii	SFAC
27	MIRIK FARMERS PRODUCER COMPANY LIMITED	Darjeeling	Mirik	SFAC
28	KABI GURU FARMERS PRODUCER COMPANY LIMITED	Purba Medinipur	Sutahata	SFAC
29	BHAGWANPUR I ORGANIC FARMERS PRODUCER COMPANY LIMITED	Purba Medinipur	Bhagwanpur-I	SFAC
30	KHEJURI II KRISHAK KALYAN FARMERS PRODUCER COMPANY LIMITED	Purba Medinipur	Khejuri-II	SFAC
31	EAST COAST FARMERS PRODUCER COMPANY LIMITED	Purba Medinipur	Contai-III	SFAC
32	BHARAT BONDHU FARMERS PRODUCER COMPANY LIMITED	Purba Medinipur	Patashpur-I	SFAC
33	GRAMMINBHUMI AGRO FARMERS PRODUCER COMPANY LIMITED	Purba Medinipur	Ramnagar-II	SFAC
34	CHANDIPUR NIBEDITA FARMERS PRODUCER COMPANY LIMITED	Purba Medinipur	Chadipur	SFAC
35	Gangarampur Farmer Producer Company Limited	Dakshin Dinajpur	Gangarampur	SFAC
36	RAIGANJ PROGRESSIVE AGRO PRODUCER COMPANY LIMITED	Uttar Dinajpur (North Dinajpur)	Raiganj	PAMCL
37	HILL FRESH FARMERS PRODUCER COMPANY LIMITED	Kalimpong	Pedong	PAMCL

SSCOP BATTLING CLIMATE CHANGE COMPREHENSIVELY


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Improved Agricultural practices through Carbon finance for subsistence farmers in West Bengal**Project Details**

In October 2022, Satmile Satish Club “O” Pathagar signed a Memorandum of Understanding with Kosher Climate India Pvt. Ltd. to implement Conservation Agriculture and AWD(Alternate Drying and Wetting) techniques in farming practices among the farmers of West Bengal. Cooch Behar was the first district then Uttar-Dinajpur, Alipurduar, Jalpaiguri, and Darjeeling were taken to increase the land size as well as include more number of farmers in Climate resilient farming practices.

Background:

SSCOP is working as POPI (Producer Organization Promoting Institution) for the Farmer Producer Companies(FPCs) under NABARD(National Bank For Agriculture and Rural Development) and CBBO(Cluster Based Business Organization) for the FPCs under SFAC, Central Sector Scheme. At present SSCOP leading to 51 FPCs under Nabard and 32 FPCs under SFAC and some independent FPCs. Through these FPCs, a large number of farmers is connected with SSCOP for different purposes and services. Besides, in 2014, the execution of SRFSI (Sustainable and Resilient Farming System Intensification) project supported by Australian Center for International Agriculture Research (ACIAR) including the use of RTP, the formation of seedling factories, and the spreading of this technology and techniques among farmers through FPCs was the turning point for incorporating climate Resilient Farming Practices in Cooch Behar. Especially 4 blocks – Dinhata I, Dinhata II, Cooch Behar I, and Mathabhanga II were the project nodes of the SRFSI project. This also triggered the quick acceptance and adoption of AWD in these blocks in the Pilot phase.

Stakeholders:

Smallholder farmers including women farmers are the major stakeholders of this project. However, AWD is a technique that is used in the paddy fields and the “Boro” season, and hence the Boro farmers were the main stakeholders. The first task for the SSCOP team was to identify the “Boro” lands. For this purpose, SSCOP linked up with the Agriculture Department, Krishi Vigyan Kendra, and Uttar Banga Krishi Vishwavidyalaya (Technical Lead of this project) to generate the right data and technical support for training and capacity building.

Vision of the Project:

Since 2001, SSCOP working with small and marginal farmers in the North Bengal region. So the primary vision is to include farmers in climate-resilient farming practices as much as possible. To decrease the carbon footprint from the agricultural practice of farmers of West Bengal to some extent. Providing the opportunity for the farmers to get some benefits from the carbon revenue generated from such NBS is one of the major goals of SSCOP.

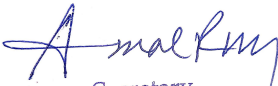
A 1.5-ton carbon credit is produced from one hectare of land practicing AWD properly. Of the total revenue generated from the project, 25% will be shared with the registered farmers under this project. The benefit will be provided to the farmers after 3 years of implementation of AWD in the field. The benefit will be distributed among the farmers in a cluster approach like agri-inputs/machinery/ seeds to a group of farmers in a particular area so that they can use it together.

Why Alternate Wetting and Drying in Paddy areas?**Basic Principle of AWD**

The basic principle of the AWD technique is the alternate process of wetting and drying of the paddy field instead of continuous submerged conditions throughout the entire crop season. According to research, in the traditional method, 3500-4000 liter of water is needed per kg of paddy production but using AWD technique it only needs 2000 liters of water per kg of paddy production. If there is optimum water in the soil, the roots can take the needed water from the soil.

Tools

Filed Water Tube:


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The field water tube is a 30 cm or 1 foot long PVC/metallic/ bamboo pipe with a 10cm diameter. The upper 15 cm of the pipe is non-perforated and the lower 15 cm is perforated. Horizontally two perforations have a 5cm distance and vertically two perforations have a 2.5 cm gap. The tube should be incorporated into the soil in a manner so that the perforated portion would be under the soil surface and the non-perforated portion above the soil surface.

Process of Implementation

One to two weeks later of the transplantation of the seedling AWD technique should be initiated. In this phase 2-4cm water stagnation is to be maintained. A plain land of the field should be selected for the field water tube installation. If the field is undulating then the place where average water level is same should be selected. After the installation of the tube, the clay inside the soil should be removed to ensure that only water is present there. The water level inside and outside the field water tube is the same has to be maintained.

Then allow the field to dry and keep observing the water level inside the field water tube. Next irrigation should be done 5 cm above the soil surface whenever there is no water inside the field water tube.

At the time of flowering for 2 weeks AWD should be stopped. At this stage, 4-5cm water level should be maintained in the paddy field. After 2 weeks AWD can be restarted again and before 1-2 weeks before irrigation should be stopped and the Field Water Tube should be removed from the field.

Benefits:

- ✓ Research shows that using AWD a farmer can save 4-5 irrigation which saves 25% of total water used against conventional method in one crop season(Paddy).
- ✓ Triggers the root growth and makes the plant stronger.
- ✓ Increases organic carbon and other micro-nutrientes in soil.
- ✓ Reduces Methene emissions.
- ✓ Increases the production approximately 0.5ton / Hectare.

Implementation:

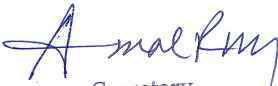
A baseline survey was conducted before starting the pilot in the Cooch Behar district for sensitivity analysis and feasibility checking. Block-wise record of "Boro" cultivation was assessed and analyzed, the land target was divided for the pilot project among 7 blocks of Cooch Beha district – Dinhata I & II, Cooch Behar I & II, Sitalkuchi, Mekliganj and Mathabhanga II.

In the first year (Pilot phase) human resources were recruited through FPCs and in some blocks member farmers from FPCs worked as volunteers/ field officers.

In the next phase, the land target increased by 300 times of the pilot and the human resource also increased by 40 times. 12 Blocks from Cooch Behar and 7 Blocks from Uttar Dinajpur are selected for this ongoing phase. SSCOP carried out a number of interviews to recruit such a large number of manpower. Field recruitment of volunteers also was done during the project. It is a great achievement for SSCOP that this project has created a large number of jobs for the youth as well as farmers irrespective of gender. All volunteers and block coordinators are not necessarily from agricultural backgrounds even in the case of volunteers rather than educational qualifications communication skill was the main strength to recruit them. They were trained numerous times by the SSCOP Team and their capacities were buuilt not only for the project-specific work but also in increasing primary knowledge of agriculture and conservation agriculture.

Scope of Work for SSCOP:

- ✓ Baseline survey and Land identification
- ✓ Networking with the Farmer Producer Companies


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- ✓ Recruitment of staff
- ✓ Training and capacity building of staff
- ✓ Organize stakeholder meeting in block level and farmer awareness meeting in village level to create awareness
- ✓ Collect data from farmers and share it to KOSHER CLIMATE for further process
- ✓ Make linkage with the Govt. Agriculture departments for cooperation and establish the authenticity and legality of the project as it requires personal documents of a farmer to register under this project.
- ✓ Arrange Field Water Tubes and distribution among the volunteers.
- ✓ Supervise the block coordinators and volunteers on daily basis.
- ✓ Assist funding partner in verification process.

Pilot Phase

Satmile Satish Club “O” Pathagar carried out AWD technique in two phases. The first phase was the **trial/ pilot phase** which started in November, 2022.

Land covered: 1000 Hectare

Project Location: Covering four districts – Cooch Behar, Alipurduar, Jalpaiguri and Darjeeling but maximum land covered was in Cooch Behar Districts.

Staffing Structure:

Trial phase was carried out through the FPC (Farmer Producer Company) Model. A five member supervision team from SSCOP with the cooperation of 2 members from Kosher Climate India Pvt. Ltd. implemented the project with 10 Field Officers who were selected from different Farmer Producer Companies (FPC). Total 3500 farmer were targeted in this project with whom the pilot phase was planned to be rolled out.

Project Performance:

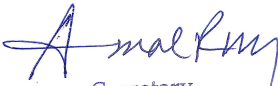
736 Hectare land came under AWD process in this pilot project phase. 2079 Field Water Tubes were distributed among 2079 farmers, who were registered under this phase, and were installed in their paddy field. 1ST year farmers were given the target of two times drying in each crop season (Boro/Aman). Currently 50% of the farmers are carrying on the process of AWD. Remaining 50% farmers carried out one time drying but all of them are willing to continue the process in the next paddy seasons also. All the farmers practicing AWD in their paddy field admitted that the production has increased by 60-80 kg per Bigha of land. In first year of trial phase and the success rate is 73.6%.

SSCOP HERALDING THE NEW INITIATIVE - BLUE REVOLUTION

SSCOP is known for its work in agriculture all across the country and even in countries like Nepal, Bangladesh, Australia, and Mexico. It has heralded a Green Revolution version 2.0 by promoting Climate Smart technologies all across North Bengal which has benefitted millions of small farmers.

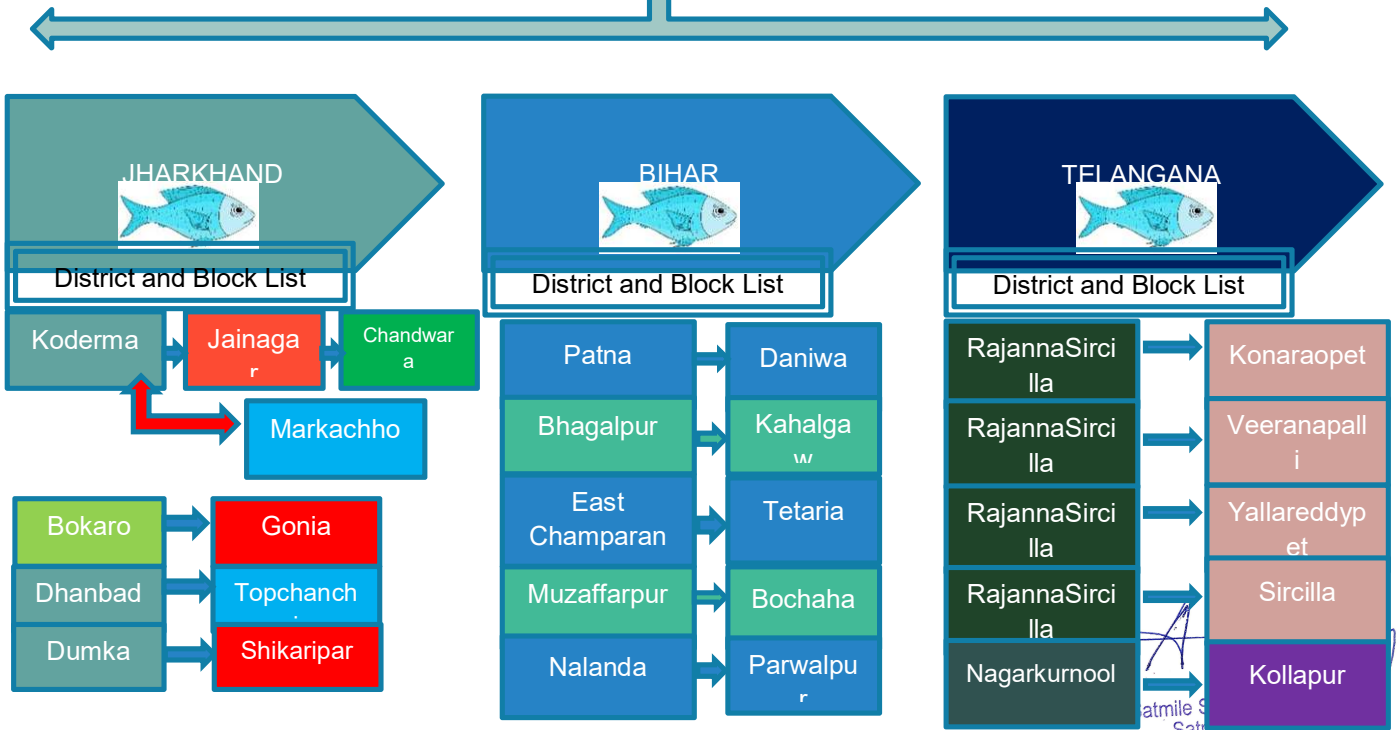
Now we are also involved in Blue Revolution working with small fishers not only in Cooch Behar but also in 3 other states. SSCOP as the CBBO of SFAC India is actively promoting Fisheries Cooperatives in the States of Bihar, Jharkhand, and Telangana under Pradhan Mantri Matsya Sampada Yojana (PMMSY) since October 2023. The SSCOP Team is promoting 50 FFPOs in the 3 States. SSCOP is working with existing Fisheries Cooperatives.

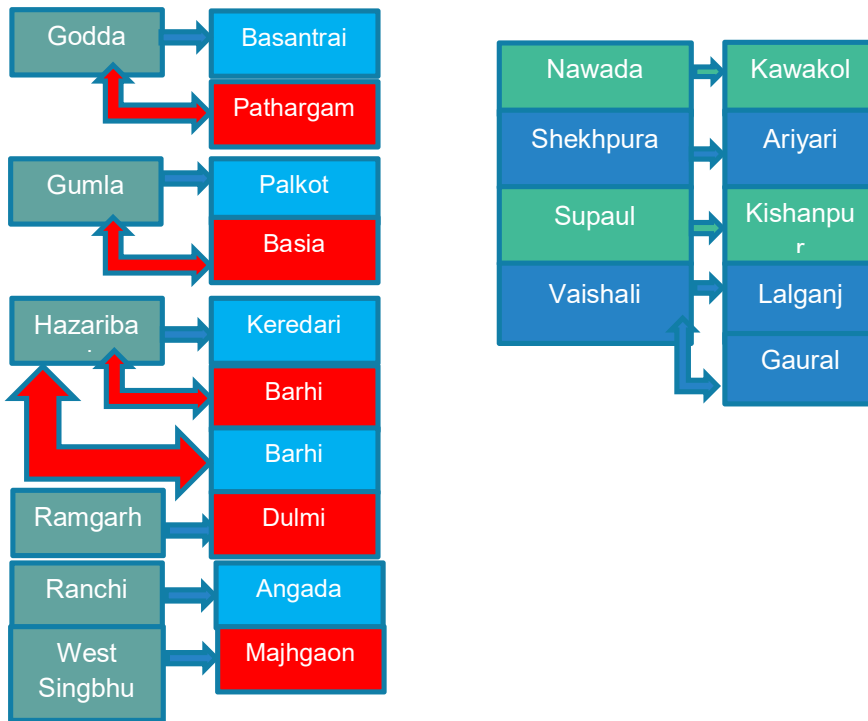
The SSCOP Team is building capacities through focused training of the FFPOs in fish management, production, and supply chain, modern fishery practices, and disease management. The SSCOP team is also getting their compliance and other documents in place and training them in maintaining their important documents like cashbooks, audits, accounting books, vouchers, share certificates, etc. SSCOP is also conducting meetings in various locations on member mobilization, increasing shareholders.


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SSCOP State wise Details on FFPO





HELPING THE POTATO FARMERS OF THE REGION WITH HIGH-TECH POTATO SEEDS

SSCOP is a partner with the Department of Agriculture, Government of West Bengal under the RKVY Scheme where they are creating an ecosystem of virus-free potatoes under the protected system of Seed Production.

SSCOP has created 2 facilities of 1000 Square Meter area and has covered them with 40 mesh size nets. In the year 2022, this project was initiated and SSCOP created a 1000 sq. Mt area. The inside structure was of Bamboo. The first-year seeds were from Krishnanagr Agri Research Station. In the first year, SSCOP provided G-0 potato seeds variety K-Sukhety and G-3 Himalini potato seeds. After production, the potato seeds were kept in a nearby cold storage unit before they were given to the farmers at a minimal cost.

In 2023 under the same scheme RKVY, there are 2 units which are been set up with K-Sukhety G-1 to G-2 (1600 kg), KCM G-2 to G-3 (2050kg), and K-Pokhraj G-0 to G-1 (200kg) being used in these facilities.

In this year the same 2 units are set up with ARC plants of K-Sukhety and K-Mohan both with G-0 varieties and the old KCM G-3 variety. The expected production would be 4000 Kgs. This will not only get the farmers of Cooch Behar high-quality Potato seeds which will increase their production and also their profits but also the overall operation has provided more than 11 Man-days of work. The work was carried out by the local community members and 24 women members also generated incomes with this work.

TAKING MODERN AND CONSERVATION AGRICULTURE FARM MACHINES TO THE DOORSTEPS OF SMALL AND MARGINAL FARMERS – SSCOP AS A CUSTOM HIRING CENTER (CHC)

SSCOP is a Custom Hiring Centre designated by the Government of West Bengal and for the last almost 1 decade is reaching out to the small farmers of Cooch Behar with Modern farm Technology which is mostly

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climate smart. The small and marginal farmers cannot buy Farm Machines which are very costly and hence SSCOP is providing them with Farm Technologies at a nominal rate on a rental model.

This year SSCOP has seen a major acceptance of the Farm Machines which includes Rice Transplanters (RTP), Zero Tillage (ZT) Combined Harvester, etc.

There are a total of 9 people who manage the CHC operations.

Mat Paddy Seedling – RTP - Seedling Factory

In the year 2023-24, SSCOP has carried out the transplantation of almost 1000 Bighas of Paddy reaching out to almost 500 small farmers mostly from Coochbehar Block I and II, Dinhata I, and Mathabhanga II Blocks. In the Aman season, SSCOP carried out 300 Bighas (15-200 farmers). The seedlings were raised by SSCOP on their farm. Out of this 130 Bighas were under the Government Subsidy program and the rest 170 were individual farmers. SSCOP Charged Rs. 1600 per Bigha against Rs. 3300 which is incurred if done traditionally.

Currently, in the Boro season, SSCOP is targeting 700 Bighas out of which it was 120 Bighas were ordered by the Government of West Bengal. The Blocks remain the same minus the Mathabhanga Block II. The farmers who are now using machines for Paddy have been repeating it for last couple of seasons but 150 new farmers have placed orders this year for this rental model. We have seen an increase of almost 30% since the last year.

SSCOP also feels happy that out of this number 50 women farmers have also placed their orders (20 of them only for the mat Paddy Seedling which they have used traditionally). SSCOP has 5 RTPs in their farm bank.

Zero Tillage (ZT)

This year Zero Tillage has seen an increase of 20% in farmers using this technology. SSCOP has provided ZT to farmers for cultivating Maize (200 Bighas), Mustard (100 Bighas), and Wheat (50 Bighas) but most importantly for the first time ZT has been used for Kaun (Foxtail Millet) (20 Bighas).

The Blocks from where farmers have used ZT are from Coochbehar I, II, and Mathabhanga II. A total of almost 150 farmers have used the ZT machine. SSCOP has 2 ZT machines under CHC.

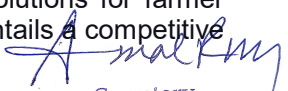
Combined Harvester

SSCOP carried out harvesting of Paddy in almost 1000 Bighas this year and the orders were placed from Coochbehar I, Dinhata I and II, Sitalkuchi, and Sitai. SSCOP charges Rs. 1800 for 1 Bigha of Paddy harvesting. There are 2 Machines in the Farm bank. This is not sufficient as the orders are huge.

SSCOP ties up with an Agri-Fintech to support the FPCs with easy business loans - Samunnati Financial Intermediation and Services

The Objectives of this tie-up are that Samunnati helps Farmer Producer Organizations across the country meet the supply of markets, aggregation, market linkages, and advisory services, Samunnati provides opportunities for Farmer Producer Organizations to grow through customized Agri-finance solutions that empower Indian farmers while driving growth.

Samunnati has pioneered an approach that anticipates and creates forward-looking solutions for farmer collectives. Samunnati's AMLA approach (Aggregation, Market Linkage, and Advisory) entails a competitive


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and holistic engagement beyond finance with the collectives. Samunnati helps Agri enterprises towards growth and transformation by offering Agri Commerce solutions in addition to financial intervention. Such support is provided by the establishment of market linkages as well as trading solutions.

The primary objective of this partnership is to enable Samunnati Financial Pvt. Ltd. to support Farmer Producer Organizations (FPOs) across the country in meeting market supply demands through aggregation, market linkages, and advisory services. Samunnati provides customized agri-finance solutions that create growth opportunities for FPOs, empowering Indian farmers while driving sustainable agricultural development.

Samunnati has pioneered an innovative approach that anticipates and develops forward-looking solutions for farmer collectives. Its AMLA approach—*Aggregation, Market Linkage, and Advisory*—represents a comprehensive engagement model that goes beyond financial assistance. Through this approach, Samunnati facilitates both agri-commerce and financial interventions, helping agri-enterprises achieve growth and transformation.

We, Satmile Satish Club o Pathagar (SSCOP), began our collaboration with Samunnati Financial Pvt. Ltd. in 2023 as a service provider, working jointly to strengthen the FPO ecosystem and enhance farmers' access to markets and finance.

2. Samunnati Financial Products and Loan Process

Samunnati offers simple, affordable, and tailored financial products designed to meet the diverse needs of Farmer Producer Organizations. The types of loans offered include:

- IPL and IPL Plus: ₹5 lakhs to ₹10 lakhs
- SAN: Up to ₹25 lakhs
- Non-SAN: ₹25 lakhs and above
- SAFAL Farmers Loan

After FPC login, the process begins with communication and document sharing, including checklists and sample templates. Once the pre-sanction process is completed, the Relationship Manager (RM) reviews and verifies all hard copies of the submitted documents. After successful verification, a sanction letter is issued, followed by post-sanction documentation. Upon completion of all legal formalities, the loan disbursement is finalized.

Financial Year 2024–2025

- Capital loans (input and output) provided to 50 FPCs
- Total FPCs graded: 125 across various districts
- SAFAL loans provided to 2 FPCs
- Total capital loans disbursed: ₹5.5 crore
- Total SAFAL loans disbursed: ₹50 lakh

4. Geographical Coverage

SSCOP has extended financial and advisory support to FPCs located in the districts of Cooch Behar , Alipurduar, Jalpaiguri, Darjeeling, Dinajpur, and Burdwan, effectively strengthening the farmer collective network across North Bengal and adjoining regions.

5. Mobilization and Awareness Initiatives

We provide loans to Farmer Producer Companies (FPCs) with the support of Samunnati Financial Pvt. Ltd., which not only offers financial assistance but also extends incentives to encourage our efforts. Utilizing these incentives, Satmile Satish Club o Pathagar (SSCOP) organizes mobilization programs and awareness camps across various regions.

These initiatives aim to educate farmers and FPC members about financial literacy, loan processes, and market opportunities. Through such programs, SSCOP helps strengthen the FPO ecosystem by promoting a better


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understanding of agri-finance solutions and empowering farmers to make informed business decisions for sustainable growth.

6. Impact and Way Forward

Through this collaboration, SSCOP continues to empower Farmer Producer Organizations by improving their access to affordable finance, market linkages, and capacity-building opportunities. These efforts have enhanced the financial inclusion and business potential of hundreds of farmers, contributing to sustainable agricultural growth and rural economic development.

Moving forward, SSCOP aims to expand its reach to more districts, increase credit linkage volumes, and strengthen the overall ecosystem for FPOs through continuous engagement, financial literacy programs, and technology-driven processes.

Climate Mitigation through Agroforestry in North Bengal SSCOP at the forefront in West Bengal

SSCOP has just signed an agreement with Aavishkar Group and Intellectap where in the first year demonstrations will be carried out in 75 hectares of land in Cooch Behar District. SSCOP will be targeting 4 Blocks of Cooch Behar II, Mathabhanga II, Sitalkuchi and Sitai with around 300 farmers taking up this project in their own land. The species which are identified are Teak and Mahogany and Jackfruit and Mango. Two top nurseries have been identified who will raise around 1 Lakh saplings in the first year. SSCOP will also undertake replantation in 15 Hectares of land in Alipurduar.

This project will be for a period of 5 years and the area targeted will be 5000 Hectares. The project will be in Cooch Behar, Jalpaiguri and Alipurduar.


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Social Activities Carried Out :

Mission Statement: Promoting health and social development through educational outreach, free health services, and community-driven initiatives.

Location: Cooch Behar I (Village names: Baghmara, Balagram, Chhat Dudher Kuthi, Dakshin Ambari, Ghoramara, Ekmukha, Elajaner Kuthi, Gosaiganj, Giriar Kuthi)

"Highlights of the Year": Organized 6 health awareness camps, covering topics such as nutrition, vaccination, and communicable disease prevention. Conducted free medical check-ups for over 500 beneficiaries, including women, children, and elderly. Collaborated with local doctors and clinics to ensure proper referral services for high-risk patients. Distributed health kits, including masks, sanitizers, and supplements to underprivileged families. Hosted educational workshops in schools and community centres, reaching 200 students and youth on hygiene, mental health, and substance abuse prevention. Launched an online campaign that expanded our outreach to over 2,000 social media users for health awareness.

Social Activities:

Led 8 social drives: cleanliness campaigns, tree planting, blood donation, and blanket distribution. Launched counselling and support groups for 100 women and youth, addressing issues like stress, domestic abuse, and mental wellbeing. Implemented workshops in schools, educating 200 students on hygiene and preventive health.

Events:

1. Place: Baghmara
Date: 11th April, 2024
Participation: 80 (Women)
Activities: Women Empowerment, Women Health Education
Description: 10 Stitching machine distributed to 10 widows to overcome their financial barriers. Organised an awareness camp regarding breast cancer, menopause and uterus cancer.
2. Place: Elajaner Kuthi
Date: 15th July, 2024
Participation: 65 (M-35/F-30)
Activities: Cleanliness Drive
Description: 300 brooms purchased from the people under below poverty level category in the surrounding area. Cleanliness drive was done in the village for 7 days; 1000 Tulsi plants distributed among the people.

More Impacts: Distributed 500 free health kits to vulnerable families. More than 50 volunteers contributed over 1,200 service hours. Supported 50 families during emergencies through relief materials and medical aid.

Thank You: Gratitude to volunteers, donors, community leaders, and partners whose efforts made these achievements possible. Together, we are building healthier, stronger communities.

Looking Ahead: Expand health camp outreach to remote villages. Increase digital health education and mental health support. Grow volunteer engagement and strengthen donor partnerships.


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