

KIW SOIL PROJECT
KOLYANPUR WATERSHED
HYDROLOGICAL SURVEILLANCE
MILE : 1000000
Area : 1000000
Date : 2023

THEME
OF THE YEAR

NURTURING
THE PLANET
FOR A SUSTAINABLE
FUTURE

ANNUAL
REPORT
2023-2024



NATIONAL AGRO FOUNDATION

www.nationalagro.org

ANNUAL REPORT
2023-2024

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Greetings to All!!!

On behalf of the Board of Trustees I am pleased to present to you the National Agro Foundation's Annual Report for the year 2023 – 2024.

Chairman's Message

Nurturing the planet for a better tomorrow is not merely a lofty ambition; it is an urgent necessity. With each passing day, the consequences of environmental degradation become more pronounced, reminding us of the critical importance of our stewardship over the Earth.

As we look towards the future, we must commit ourselves to practices that prioritize the health and vitality of our planet. This entails embracing renewable energy sources, implementing sustainable agricultural practices, conserving water and natural resources, and protecting biodiversity.

However, sustaining the planet goes beyond just environmental considerations. It also requires addressing social and economic inequalities, ensuring that all communities have access to clean air, water, and resources. By promoting equity and justice, we can create a more inclusive and resilient society that thrives in harmony with nature. National Agro Foundation has been built on these very principles and has led by example through all its programmes.

Even though, the task ahead of us is daunting, it is not insurmountable. Through collective action, innovation, and a steadfast commitment to change, we can forge a path towards a better tomorrow for ourselves and future generations. Let us seize this opportunity to be stewards of the Earth, nurturing it so that it may continue to sustain and inspire us for centuries to come.

I would like to thank the management team and staff for their support and hard work that has enabled us to traverse this journey for twenty-four years together. I would also like to extend my gratitude to my fellow trustees and governing council members for their contributions to the Foundation. Last but not least, I would like to show appreciation to our stakeholders and supporters for their confidence, good will and constant support. As we embark on the twenty fifth year of our Foundation, I wish that our Founder's dream will be realized, where rural communities experience true prosperity in all its glory.

Kind Regards

Mr. M R Sivaraman IAS (Retd.)
Chairman



Greetings to All!!!

The National Agro Foundation in the last two decades and more has been striving with the farmers not only to improve their economic and social lives but also in the process contribute as much as possible for the protection of the environment. National and Multinational organisations have generously contributed to this huge task. Their unstinted support and the dedicated service of the directing and field staff of the National Agro Foundation has enabled to complete another year of success.



Indian agriculture is as old as the beginning of agriculture on this planet. India in particular has a sizeable portion of its work force dependant on it. The task of the foundation to assist the farmers in not only improving their incomes but also to ensure that the cultural practices contribute to the improvement of the environment is a challenge which we are meeting head on.

There is a long way to go as our productivity levels in many crops are below world averages. Even if India touches the world average productivities in rice, wheat oil seeds and pulses it will be able to not only meet its demand but also become a granary of the world. It is encouraging to note that in the recent budget speech the government of India has also committed to improving productivity in Indian agriculture in association with other bodies.

I am looking forward to this as the National Agro Foundation will be able to translate the fruits of research into a reality at the field level.

The board of trustees, the senior directing staff and the field staff have all contributed immensely to the success of the National Agro Foundation.

As we embark on the twenty fifth year of our Foundation I am looking forward to another year of success.

S S Rajsekar
Managing Trustee, National Agro Foundation

National Agro Foundation (NAF) was set up as a Public Charitable Trust in 2000 by

Mr. C. Subramaniam, (Architect of India's Green Revolution and Bharat Ratna Awardee) to usher in rural revolution with special focus on agriculture and small and marginal farmers as well as to bring about inclusive growth. Having been the architect of India's Green Revolution with a "Seed to Grain" approach, Mr. Subramaniam envisioned NAF for economic and social development of farmers with a "Soil to Market" approach on a sustainable basis.

Dr A P J Abdul Kalam, Former President of India succeeded Mr. C. Subramaniam and guided NAF as the Chairman of its Governing Council till he became the President of India.

From its humble beginning based on small practical approaches to sustainable development, NAF has grown to a fully-fledged professional organization providing cutting edge services creating large scale impact in the rural areas and changing lives of scores of farmers in the country. Joining hands with the Government, corporate houses and other stakeholders to implement its core programs, NAF has been successfully addressing local and global challenges of agriculture and rural development through multi-pronged approaches and targeted interventions.

Vision & Mission



VISION:

To create a "Healthy, Literate and Prosperous Rural India"



MISSION:

"Creating replicable models of prosperous rural clusters through ecologically safe, environmentally sustainable farm and non-farm sector activities, natural resource management, rural enterprises and human resource development by networking various stakeholders through mutually beneficial partnerships."

“Achieving better balance between interdependent and mutually reinforcing pillars of sustainable development – “Education”, “Economy”, “Environment” & “Empowerment”

The 4E approach to Sustainable Development



NAF's Working Divisions

Sustainable development is about recognizing, understanding and acting on interconnections – between the thematic areas of education, economy, environment and empowerment. In pursuit to achieve significant and verifiable outcomes across these cross-cutting thematic areas and to streamline the broad-spectrum interventions NAF has divided the organization into multiple divisions comprising:



Agriculture Development Division:

Promotion of LEAN Farming, Sustainable Climate Smart Agriculture, Adaptive Research, Comprehensive soil health management, promotion of farm machinery

Agri Business Development Division:

Formation & Development FPOs, Agri-business trainings, Digitization of FPO Business Operations, FPO Credit & Market Linkages, Rural Entrepreneurship, Infrastructure Development for value added products etc.



Watershed Development Division:

Natural Resource Management, Watershed Development, Soil and Water Conservation, Climate Change adaptation and mitigation, Promotion of Afforestation, etc.



Training and capacity Building Division:

Training and Capacity building for adoption of Sustainable Agriculture practices, Organic farming, Lean Farming, Climate Smart Agriculture, Agri Clinic and Agri Business training, Farm Skill training, Micro Enterprise Development, Awareness programmes, etc.

Laboratory Services Division:

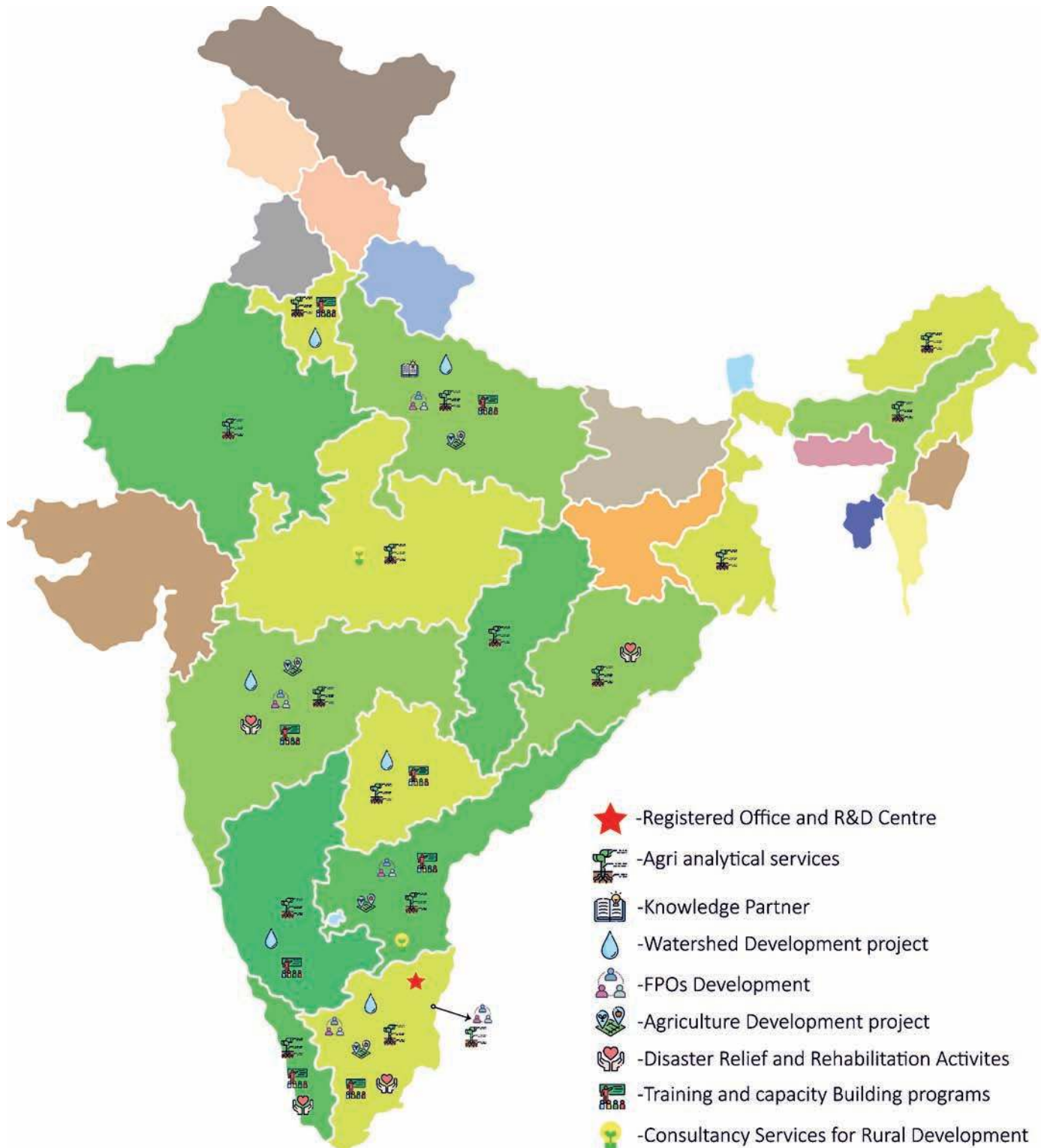
Technology and analytical services for food and agriculture development covering soil, food quality & safety analysis, consultancy services, training and academic programs, etc



Research & Development Division:

Undertaking applied R&D in the field of food, agriculture and environment.

Overall, 3,47,931+ rural families from over 3066+ villages across 8 states have benefited from NAF's interventions





Awards

- Appreciation Award – Best Watershed for the Melpennathur Watershed projects by National Bank for Agriculture and Rural Development (NABARD)
- Appreciation Award – Best Watershed for the Kondapanaicken Palayam watershed projects by National Bank for Agriculture and Rural Development (NABARD)
- NAF has been awarded the Vivek Burman (Dabur) Peace Award by Honorary Consular Corps Diplomate



Recognition

- Recognition of NAF as Scientific and Industrial Research Organization (SIRO), by the Department of Scientific and Industrial Research under the scheme on Scientific and Industrial Research Organizations (SIROs), 1988.



Empanelment & Certifications

- Certificate of Empanelment as Training Partner to impart Training under Food Safety Certification and Training (FoSTaC) programme of FSSAI
- Nodal training institute for ACABC training programs (Recognized by MANAGE)
- Technical partner with Tamilnadu Corporation for Development of Women Limited, an organization of Ministry of Rural Development, for Mahila Kisan Shashakthikaran Pariyojana (MKSP).
- Empanelled resource institute/POPI for Central Small Farmers Agri- Consortium (SFAC) and NABARD respectively for promoting and nurturing FPOs.
- Empanelled Charity Partner of Bank of New York Mellon for their Community Impact Program.
- Empanelled as CBBO under central Sector Scheme for promotion of FPOs in three new states of Andhra Pradesh, Uttar Pradesh, Puducherry and Maharashtra.
- NAF is Empanelled under National CSR hub.
- NAF is a member of Global Alliance for Climate Smart Agriculture since 2022.



Accreditation

- NAF Laboratory Services Division has been granted accreditation for soil, food, water and organic fertilizer testing; as per ISO/IEC 17025:2017 International Standard by National Accreditation Board for Testing and Calibration Laboratories (NABL), a Constituent Board of Quality Council of India.
- CSR Empanelment certification and accreditation under the TISS Assessment and Empanelment Standards for Development Institutions in India (TISS AESDII), 2021

Overall Outreach:
3066 Villages Covered
3,47,931 households benefitted

Environment

Agriculture & Allied Services

- Direct agri-technology transfer to about **6000**+ small and marginal farmers
- **477** Frontline Demonstrations established. Productivity levels of various crops improved by **16%** and a substantial increase in profit by up to **47%**
- **6** threshing yards constructed.
- Watershed development program covering over **343** villages, benefitting **2,07,384** households.
- Cropping intensity increased and change in cropping pattern has been witnessed in all watershed areas with new and improved technologies.
- **743** farmers benefitted from distribution of green manure seeds and **1145** farmers from fodder kits.
- **39** veterinary camps were conducted benefitting **12,720** animals across the project locations.
- **3464** kitchen gardens were established to ensure nutrition security at the household.
- **21** Automatic Weather Stations installed and crop and weather advisories disseminated to **4617** farmers.
- **10** weather advisory display boards were installed to create awareness amongst the farming communities.
- **1082** workdays were created for the farming community through various initiatives and projects.

Water Resource Management

- **54774** hectares total area benefitted under the watershed program.
- **61** check dams were constructed in the watershed areas.
- **149** large and medium sized waterbodies were rejuvenated.
- **19** sanitation complexes were constructed to benefit the communities.
- **2381** beneficiaries got access to safe drinking water through installation of **37** sintex tanks across the project villages.
- **19,78,023** Kilo litres of water has been harvested through various water conservation and harvesting measures undertaken across various projects in the villages.
- **1,94,303** plantations made in the watershed zones under agro-forestry and agro-horticulture.
- **14** Pond data loggers were installed to monitor the amount of water storage capacity from the rainfall.

Renewable Energy

- **541** solar streetlights have been erected.
- **80** women beneficiaries benefitted from Smokeless Chullahs.
- **24** Household Solar lights have been distributed.
- **25** portable Bio Gas units have been installed.

Economy

Agri-Business and Livelihood Promotion

- **246** FPOs promoted in the states of Tamil Nadu, Uttar Pradesh, Andhra Pradesh, Maharashtra and Telangana, with the share capital to the tune of INR **770** Lakhs
- **370** women were facilitated with loans for Income Generating Programs to establish micro-enterprises in the villages to the tune of INR **1.11** crores

Key Achievements For The Year 2023 – 2024

- **173** business enterprises promoted.
- **140547** farmers benefitted through FPOs across India.
- Total Business Turnover in Lakhs for ongoing FPOs for FY 23-24 was INR **2929.45** lakhs.
- **275** Trainings and Capacity building were conducted for FPO members during the past year.
- **148** Marketing Tie-ups and Partnerships for FY 23-24
- **1700** women farmer-beneficiaries were impacted through various trainings and enterprise development through FPOs
- INR **174** Lakhs of subsidies availed from various government schemes towards business development

Education & Empowerment

Training & Capacity Building

- **19919** trainees benefitted through **619** training programs on Natural Resource Management, Livelihoods Development, Agricultural Technologies, Agricultural Business, and Food Safety.
- **64** Village Watershed Committees with **960** members formed and developed.
- INR **16** lakhs was contributed towards Village Development Fund
- **32** farmer clubs were facilitated and nurtured through skill and knowledge development.
- **1273** women self-help groups (SHGs) nurtured through various trainings and capacity building initiatives benefitting **17898** members.
- Total Seed Money Collected INR **1,56,78,510** and revolving Fund for SHGs is INR **6,26,78,282.**

Key Achievements For The Year 2023 – 2024

- **488** small village enterprises were established after training and skill development.
- **19** Volunteer programs with **3851** volunteers were facilitated with rural immersion experiences.

Research & Testing Services

- **3614** samples have been tested for soil, irrigation water, heavy metals and manures and compost.
- **260** food samples have been tested for quality parameters by individuals and small businesses.
- **55** students have undertaken internship programs with NAF R&D of varying duration (one week to 3 months)
- **8** research papers and book chapters published in scientific journals.

Rural Education

- **34** schools have been covered under infrastructure upgradation including renovation, smart class establishment and improved sanitation facilities benefitting **6652** students.



Watershed Development Division

Watershed management, also known as water resources management, is a comprehensive approach to managing and protecting water resources within a specific geographic area called a watershed or a catchment. A watershed is an area of land where all the water that falls or flows within it eventually drains into a common outlet, such as a river, lake, or ocean.

The main goal of watershed management is to balance the various needs and demands for water resources while ensuring their sustainable use for the present and future generations. This approach recognizes the interconnectedness of waterbodies, ecosystems and human activities within the watershed.

Watershed management interventions such as soil and water conservation (SWC) and water harvesting are crucial to improving the natural assets of an area. As a result, there will be an increase in overall biomass, productivity, cropping frequency, irrigation sources, livestock, livelihoods opportunity etc., all which are crucial to building a sustainable ecosystem in rural India.

NAF has been in the forefront on watershed projects as a part of its Natural Resource Conservation program which is an important component in its comprehensive rural development initiatives. The watershed Program is strategized on a comprehensive integrated Community Development approach integrating areas such as soil and land management, water management, afforestation, pasture land development, agriculture development, livestock management, livelihood support and enhancement, community empowerment to target effective holistic development of rural communities on a sustainable basis.

Watershed management is a holistic concept, which tries to achieve the best possible balance in the ecosystem between natural resources on the one side, and human and other living beings on the other. NAF applies a multidisciplinary & multi-sectoral approach, using scientific knowledge from different fields and a combination of technologies, strategies, and techniques to create maximum possible benefit to the stakeholders.

The following is the summary of the projects that are being implemented in different states of India.

S. No	Name of the Project	District & State	No. of villages covered	Total Area Benefitted (Ha)	No. of Families Benefitted	Funding Partner
1	Integrated Watershed Development Project - Neerotam	Chengalpattu, Tamilnadu	4	960	1640	L&T Technology Services Limited-LTTS
2	Integrated Village Development Project - Neeradharam	Chengalpattu, Tamilnadu	4	1536	1367	L&T Technology Services Limited-LTTS
3	Jal Aadhar Development and Climate Action - Badhur	Thiruvanamalai, Tamilnadu	6	1622	3830	Tata Capital Housing Finance Limited -TCHFL
4	Jal Aadhar Development and Climate Action - Mamandur	Thiruvanamalai, Tamilnadu	6	1843	3843	Tata Capital Housing Finance Limited -TCFHL
5	10000 Hectares Project	Thiruvanamalai, Tamilnadu	27	10000	10276	Tata Capital Housing Finance Limited -TCFHL
6	Waterbody Rejuvenation Project	Thiruvanamalai, Tamilnadu	19	2375	4186	Tata Capital Housing Finance Limited -TCHFL
7	Water Resource Development Project - Keerapakkam	Chengalpattu, Tamilnadu	1	264	164	KLA Tencor Software India Private Limited
8	Oragadam Lake Rejuvenation Project - Oragadam	Kancheepuram, Tamilnadu	4	61	268	Renault Nissan Automotive India Private Limited -RNAIPL
9	Building Community Climate Resilience through watershed and Agriculture	Chengalpattu, Tamilnadu	5	1027	1130	Wells Fargo International Solutions Private Limited
10	Water Resource Development Project - Vanniyanallur	Chengalpattu, Tamilnadu	1	340	242	Worldwide Logistics -WWL
11	Integrated Water Resource Management Project- Royapally	Sanga Reddy, Telangana	7	1145	1062	Asian Paints Limited -APL
12	Water Resource Development Project - Kasna	Kasna, Uttar Pradesh	5	50	1400	Asian Paints Limited -APL
13	Water Resource Development Project - Chuliana	Rothak, Haryana	1	37	64	Asian Paints Limited -APL

14	Water Resource Development Project – Nonand	Rothak, Haryana	1	40	90	Asian Paints Limited -APL
15	Integrated Water Resource Development Project - Sriperumbudur	Kancheepuram, Tamilnadu	6	2249	3245	Asian Paints Limited -APL
16	Water Resource Development Project- Krishnakuppam Manakollai Lake	Cuddalore, Tamilnadu	2	60	75	Asian Paints Limited -APL
17	Agro Forestry Plantation	Cuddalore, Tamilnadu	3			Asian Paints Limited -APL
18	Comprehensive Village Development Project - Nallur-CSR	Chengalpattu, Tamilnadu	3	992	654	Bank of New York Mellon - BNYM
19	Comprehensive Village Development Project – Manjarwadi	Satara District, Maharashtra	1	23	26	Bank of New York Mellon - BNYM
20	Community Watershed Project - Madhapur	Yadadri Bhuvanagiri, Telangana	14	3437	2047	Novartis Healthcare Pvt. Ltd.
21	Community Watershed Project - Solakpalle	Sanga Reddy, Telangana	6	2154	1125	Novartis Healthcare Pvt. Ltd.
22	Community Watershed Project - Murbad	Thane, Maharashtra	10	2500	1604	Novartis Healthcare Pvt. Ltd.
23	Integrated Watershed Community Development Program	Mysuru, Karnataka	2	950	225	LTI Mindtree Foundation
24	School Infrastructure Renovation Project	Mysuru, Karnataka	3 -		511	LTI Mindtree Foundation
25	Water Resource Development Project - Naviluru Watershed	Mysuru, Karnataka	6	20	310	Capri Global Capital Limited
26	Integrated Community Development Project	Coimbatore, Tamilnadu	3	2607	1528	Larsen & Toubro - L&T

Details of CSR Supported Watershed Projects

Project Name: Integrated Watershed Development Project – Neerotam

Focus Areas: Water, Renewable Energy, Improved Agriculture practices, Training and Capacity building and Livelihood Support.

Location: Puthur, Thotikuppam, Muthuvinayagapuram, Pungunnum Tamil Nadu

CSR Partner: L&T Technology Services Limited (LTTS)

Key Achievements of the Project

- 4 villages and 1640 beneficiaries have been impacted through various project interventions
- 960 hectares have been benefitted through watershed interventions improving the overall water and soil conditions in the region
- Water carrying capacity has been increase by clearing 500 cum of channel benefitting 5 hectares of agricultural land.
- Increase in water harvesting potential of pond rejuvenated by 1500 KL benefitting 25 hectares of agricultural land.
- 6000 agro forestry plantations have been distributed to 131 farmers
- A seed bank has been created conserving 15 varieties of traditional paddy benefitting the communities.
- 150 units of green manure have been provided, benefiting 156 farmers.
- 7000 horticulture plants have been distributed to 157 farmers.
- 2 threshing yards have been constructed, benefiting farmers during post-harvest processes.
- 2 veterinary camps have been organized, providing veterinary services to 106 farmers and 1006 animals in the region.
- 3 Trainings on various topics such as goat rearing, milche animal rearing and agri business promotion were conducted benefitting 107 farmers
- 24 women have benefited from Livelihood Support through SHGs and established successful micro enterprises.



Project Name: Integrated Village Development Project – Neeradharam

Focus Areas: Water, Renewable Energy, Improved Agriculture practices, Training and Capacity building and Livelihood Support.

Location: Kokkaranthangal, Amandhakaranai, Arcadu, Zaminputhur, Tamil Nadu

CSR Partner: L&T Technology Services Limited (LTTS)

Key Achievements of the Project

- 4 villages and 1367 beneficiaries have been impacted through various project interventions
- 1536 hectares have been benefitted through watershed interventions improving the overall water and soil conditions in the region
- 1 threshing yard has been constructed benefitting 84 farmer families
- 7 trainings have been conducted benefitting 197 farmers
- 6 women have benefited from Livelihood Support through SHGs
- 48 women have benefited from IGP Grant for setting up goat farming unit
- 84 green manure kits and 10 fodder kts were provided to the farmers benefitting 94 farmers.
- 16000 kilolitres of water harvested during the last year through various water harvesting structures.
- 2 veterinary camps have been organized, providing veterinary services to 109 farmers and 1264 animals in the region
- Provision of Drinking water through Sintex Tanks benefitting 130 families
- Installation of solar Electrification to 48 Individual Households
- Installation of 5 solar street lights benefitting the entire village
- 2 nutritional gardens were set up benefitting the community
- 2 drum seeders were distributed benefitting 423 households.
- 25 farmers benefitted from Climate change adaptation through introduction of resilient crop varieties such as millets.
- Promotion of sports activities for rural children by distribution of sports kits benefitting 45



Project Name: Jal Aadhar Development and Climate Action – Badhur

Focus Areas: Water Conservation, Environment Protection and Climate change action in agriculture, Productivity Enhancement and Livelihood Support for women

Location: Vandavasi, Tamilnadu

CSR Partner: Tata Capital Housing Finance Limited (TCHFL)

Key Achievements of the Project

- 6 villages have benefitted from interventions in Natural Resource Management, Agricultural Development, Livelihood Promotion and Training and Capacity building impacting 3830 households
- Total area benefitted under the project is 1622 hectares
- 243 hectares have been covered under various land and soil treatments
- 5700 plants have been sustained under the Agro forestry and agro Horticulture plantation initiative
- 5 Village Watershed Committees (VWCs) have been formed with a total contribution amount of INR 4,49,000/-
- 15 Self Help Groups have been formed and trained, with a membership of 216 members.
- Total 24 women have benefitted from various Livelihood Generation activities through financial assistance
- Total livelihood support given through the project is INR 6,71,000/-
- 17300 KL have been conserved through various water harvesting structures cumulatively
- 1050 cattle and 271 farmers have benefitted from 4 timely veterinary camps
- 216 Women benefitted directly through trainings, knowledge management and livelihood support
- 400 kitchen gardens were set up benefitting the community
- 34 beneficiaries benefitted from distribution of palm seeds to promote biodiversity and soil conservation efforts
- 19 beneficiaries benefitted from desilting of 1500 cum channel
- 1 check dam was constructed benefitting 1301 farmers
- 150 acres benefitted from summer plough and 20 acres from laser leveling initiatives benefitting 147 farmers
- 10 farmers benefited from Adoption of improved methods of SRI Paddy Cultivation.
- 10 front line demonstrations in paddy were promoted
- 40 fodder kits were distributed to farmers
- 10 trainings and awareness programs were conducted benefitting 347 farmers
- 15 farmers availed convergence scheme on Drip Irrigation
- Promotion of Climate change resilient crops such as millets and pulses benefitting 15 farmers.

Project Name: Jal Aadhar Development and Climate Action – Mamandur

Focus Areas: Water Conservation, Environment Protection and Climate change action in agriculture, Productivity Enhancement and Livelihood Support for women

Location: Vandavasi, Tamilnadu

CSR Partner: Tata Capital Housing Finance Limited (TCHFL)

Key Achievements of the Project

- 6 villages have benefitted from interventions in Natural Resource Management, Agricultural Development, Livelihood Promotion and Training and Capacity building impacting 3843 households
- Total area benefitted under the project is 1843 hectares
- 252 hectares have been covered under various land and soil treatments
- 6000 plants have been sustained under the Agro forestry and agro Horticulture plantation initiative
- 5 Village Watershed Committees (VWCs) have been formed with a total contribution amount of INR 7,12,000/-
- 41 Self Help Groups have been formed and trained, with a membership of 685 members.
- Total 21 women have benefitted from various Livelihood Generation activities through financial assistance
- Total livelihood support given through the project is INR 7,95,000/-
- 17790 KL have been conserved through various water harvesting structures cumulatively
- 520 cattle and 151 farmers have benefitted from 2 veterinary camps
- 685 Women benefitted directly through trainings, knowledge management and livelihood support
- 400 kitchen gardens were set up benefitting the community
- 21 beneficiaries benefitted from desilting of 5000 cum channel
- 1 check dam was constructed benefitting 178 farmers
- 100 acres benefitted from summer plough initiatives benefitting 96 farmers.
- 10 farmers benefited from Adoption of improved methods of SRI Paddy Cultivation.
- 5 front line demonstrations in paddy were promoted
- 100 fodder kits were distributed to farmers
- 10 trainings and awareness programs were conducted benefitting 328 farmers
- 10 farmers availed convergence scheme on Drip Irrigation
- Promotion of Climate change resilient crops such as millets and pulses benefitting 7 farmers.



Project Name: 10000 HA Project

Focus Areas: Water Conservation and Training and Capacity Building

Location: Vandavasi, Tamil Nadu

CSR Partner: Tata Capital Housing Finance Limited (TCHFL)

Key Achievements of the Project

- 27 villages have benefitted from interventions in Natural Resource Management, Agricultural Development, Livelihood Promotion and Training and Capacity building impacting 7585 farmers.
- Total area benefitted under the project is 10000 hectares
- 960 hectares have been covered under various land and soil treatments
- 87 Self Help Groups have been formed and trained, with a membership of 1260 members.
- Total 12 women have benefitted from various Livelihood Generation activities through financial assistance
- Total livelihood support given through the project is INR 26,63,500/-
- 33877 KL have been conserved through various water harvesting structures cumulatively
- 1095 cattle and 472 farmers have benefitted from 1 veterinary camp.
- 1260 Women benefitted directly through trainings, knowledge management and livelihood support
- 4706 cum channel has been cleared benefitting 219 farmers.
- 1 threshing yard was constructed benefitting 102 farmers.
- 100 fodder kits were distributed to farmers
- 9 trainings and awareness programs were conducted benefitting 255 farmers
- 10 Sintex tanks were installed, ensuring reliable water storage and access, benefiting 706 individuals.
- 150 solar street lights installed, enhancing safety and visibility, impacting 1673 beneficiaries.
- 14 government schools equipped with smart classes, improving educational quality and access, benefiting 1715 students.
- Distribution of 15 sets of sport kits to government schools, promoting physical activity and sportsmanship among 779 students.
- Installation of 10 hand wash stations with tanks for school hygiene, promoting proper sanitation practices, benefiting 1075 individuals.
- Installation of 1 automatic weather station, enhancing weather monitoring and agricultural planning, presumably benefiting 500 farmers.

Project Name: Waterbody Rejuvenation Project

Focus Areas: Water Conservation and Training and Capacity Building

Location: Vandavasi, Tamil Nadu

CSR Partner: Tata Capital Housing Finance Limited (TCHFL)

Key Achievements of the Project

- 19 villages have benefitted from interventions in Natural Resource Management, Agricultural Development, Livelihood Promotion and Training and Capacity building impacting 4186 households
- Total area benefitted under the project is 2375 hectares
- 19 water bodies have been rejuvenated with a water harvesting potential of 1,43,290 KL benefitting 19 villages.



Project Name: Waterbody Resources Development Project
Focus Areas: Water Conservation and Environmental Conservation
Location: Keerapakkam, Tamil Nadu
CSR Partner: KLA Tencor Software India Private Limited

Key Achievements of the Project

- The Keerapakkam village pond has been reinforced with toe wall to ensure water rejuvenation
- 150 trees have been planted on the bunds of the waterbody to restore the ecological services in the region.
- 264 hectares of agricultural land has been benefitted from the rejuvenation of this waterbody.
- 20 farmers benefitted from training on LEAN farming technologies.
- 10 farmers established Front Line Demonstration in Paddy.



Project Name: Lake Rejuvenation Project–Oragadam
Focus Areas: Water Conservation, Water Body rejuvenation
Location: Oragadam, Tamilnadu
CSR Partner: Renault Nissan Automotive India Private Limited (RNAIPL)



Key Achievements of the Project

- 1 large waterbody has been rejuvenated to the tune of 1,02,002 cum with water harvesting potential of 1.2 lakh KL
- Two mud heaps have been created to draw the birds to the waterbody providing ecological services to the region and restoring the biodiversity.
- Finished the construction of 2 approach steps, enhancing accessibility for 240 individuals.
- Installed 10 recharge shafts, contributing to groundwater replenishment and sustainable water management.



Project Name: Building Community Climate Resilience through watershed and Agriculture

Focus Areas: Water Conservation, Entry Point Activities and Livelihood Support

Location: Kayapakkam, Chengalpattu, Tamilnadu

CSR Partner: Wells Fargo International Solutions Private Limited

Key Achievements of the Project

- 5 villages have benefitted from various interventions in Natural Resource Management, Agricultural Development, Livelihood Promotion and Training and Capacity building impacting 1130 households
- Total area benefitted under the project is 1027 hectares
- 1400 individuals, benefitted from drinking water provision through sintex tanks.
- 60 solar street lights were installed, benefiting 736 individuals.
- 526 students were empowered through access to smart class teaching equipment, improving educational outcomes.
- 700 farmers benefitted through construction of 7 cattle tanks.
- 2 death ritual buildings were constructed to promote inclusive cultural practices benefitting 364 families.
- 2 toilet complexes were constructed in government school benefitting 455 students.
- Fostered environmental sustainability by planting 100 trees, contributing to afforestation efforts and ecosystem health.
- Empowered 8 women farmers in their agricultural activities, promoting gender equality and economic resilience.
- 7 SHGs have been hand held with a membership of 140 members and a total contribution amount of INR 2,00,000/-



Project Name: Water Resources Development Project

Focus Areas: Water Rejuvenation and Conservation, Training and Capacity Building and Livelihood Support

Location: Vanniyannallur, Chengalpattu, Tamilnadu

CSR Partner: World Wide Logistics (WWL)

Key Achievements of the Project

- 1 village have benefitted from various interventions in Natural Resource Management, Agricultural Development, Livelihood Promotion and Training and Capacity building impacting 242 households
- Total area benefitted under the project is 340 hectares
- 1 pond has been rejuvenated to the tune of 4960 cum with water harvesting potential of 4960 KL, benefitting 737 farmers.
- 128 farmers benefitted from trainings on Good Agricultural Practices,
- 13 women benefitted from livelihood support through SHGs.
- 10 farmers have initiated Front line demonstrations in Paddy
- 150 plants were planted on the bund of the waterbody.
- 6 SHGs have been hand held with a membership of 101 members and a total contribution amount of INR 2,50,000/-



Project Name: Integrated Water Resource Management Project

Focus Areas: Waterbody Rejuvenation, Agriculture Development, Training & Capacity Building

Location: Sanga Reddy, Telangana

CSR Partner: Asian Paints Limited (APL)

Key Achievements of the Project

- 7 villages and 1062 households have been impacted through various project interventions
- 1145 hectares have been benefitted through watershed interventions improving the overall water and soil conditions in the region
- 119 farmers benefitted from distribution of fodder kits and green manure seeds.
- 5 drum seeders were distributed benefitting 5 villages.
- 608 farmers benefited from various soil conservation technologies and have experienced better yield and crop after implanting these technologies.
- 30 farmers benefitted from FLDs in Paddy.
- 213 agro forestry plants were distributed in the project villages.
- 3 check dams were constructed benefiting 90 farmers in the region.
- 54280 kilolitres of water harvested during the last year through various water harvesting structures



Project Name: Water Resources Development Project

Focus Areas: Water Conservation, Water Body rejuvenation, Training & Capacity Building

Location: Kasna, Uttar Pradesh

CSR Partner: Asian Paints Limited (APL)

Key Achievements of the Project

- 5 villages and 1400 beneficiaries have been impacted through various project interventions
- 50 hectares have been benefitted through waterbody rejuvenation interventions improving the overall water and soil conditions in the region
- 7 waterbodies have been rejuvenated to the tune of 45,050 cum with water harvesting potential of 45,050 KL
- Improved access to water for irrigation fosters income generation opportunities through increased agricultural yields.

Project Name: Water Resources Development Project – Chuliana

Focus Areas: Water Conservation, Channel Formation, Water Body rejuvenation, Training & Capacity Building

Location: Rohtak, Haryana

CSR Partner: Asian Paints Limited (APL)

Key Achievements of the Project

- 2 villages and 154 households have been impacted through various project interventions
- 76 hectares have been benefitted through Channel Lining project in 2 villages.
- Increased supply of river water directly irrigating 76 hectares of agricultural fields.

Project Name: Integrated Water Resource Management Project – Sriperumbudur

Focus Areas: NRM, Water Conservation, LEAN Farming

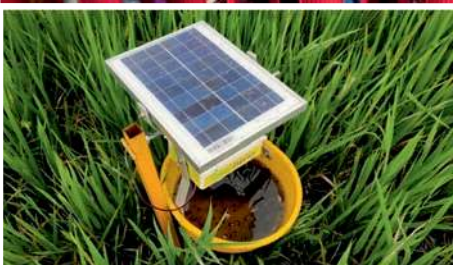
Location: Sriperumbudur, Tamilnadu

CSR Partner: Asian Paints Limited (APL)

Key Achievements of the Project

- 6 villages have benefitted from interventions in Natural Resource Management, Agricultural Development, Livelihood Promotion and Training and Capacity building impacting 3245 households
- Total area benefitted under the project is 2249 hectares
- 14 Self Help Groups have been formed and trained, with a membership of 174 members.

- Total 68 women have benefitted from various Livelihood Generation activities through financial assistance
- Total livelihood support given through the project is INR 15,80,000/-
- 70621 KL have been conserved through various water harvesting structures cumulatively
- 18 trainings and awareness programs were conducted benefitting 362 farmers
- 3000 Agro forestry and Agro horticulture plants were distributed benefitting 84 farmers
- Comprehensive Soil Health Analysis and distribution of soil health cards to 40 farmers.
- 20 farmers benefitted from productivity enhancement measures for crops (Paddy/Vegetable/Millets/Pulses/Oil Seeds)
- 20 farmers benefitted from promotion of sustainable crop production techniques.



Project Name: Water Resource Development Project- KrishnakuppamMannakkollai Lake

Focus Areas: Water Body Rejuvenation and Environmental Conservation

Location: Krishnakuppam, Cuddalore District, Tamilnadu

CSR Partner: Asian Paints Limited (APL)

Key Achievements of the Project

- 2 villages and 75 beneficiaries have been impacted through various project interventions
- The KrishnakuppamMannakkollai lake underwent rejuvenation work with a capacity enhancement of 39,750 KL, benefiting 75 households in the area.

Project Name: Agro Forestry Plantation

Focus Areas: Environmental Conservation

Location: Cuddalore District, Tamilnadu

CSR Partner: Asian Paints Limited (APL)

Key Achievements of the Project

- 100 trees were planted on common land promoting green cover and enhancing ecological services in the villages.



Project Name: Comprehensive Village Development Project

Focus Areas: Water Conservation, Agriculture Development, Training & Capacity Building

Location: Chengalpattu, Tamil Nadu

CSR Partner: Bank of New York Mellon (BNYM)

Key Achievements of the Project

- 3 villages have benefitted from project interventions, impacting 654 households
- Total area benefitted under the project is 992 hectares
- 15000 Agro forestry and Agro horticulture plants were distributed benefitting 340 farmers
- 200RMs of irrigation canal construction has ensured reliable water access, enhancing agricultural resilience benefitting 430 farmers.
- 100 solar street lights were installed provided illumination to 400 households.



Project Name: Comprehensive Village Development Project

Focus Areas: Water Conservation, Agriculture Development, Training & Capacity Building

Location: Manjarwadi, Maharashtra

CSR Partner: Bank of New York Mellon (BNYM)

Key Achievements of the Project

- The construction of a drinking water tank with a capacity of 100,000 litres has directly benefited the 187 residents of the community by providing them with a reliable source of clean and safe drinking water.
- This infrastructure project has improved the quality of life for numerous individuals, ensuring their basic need for access to clean and safe drinking water is met.



Project Name: Community Watershed Project

Focus Areas: NRM, Water Conservation, LEAN Farming, Training & Capacity Building

Location: Madhapur, Telangana

CSR Partner: Novartis Healthcare Private Limited

Key Achievements of the Project

- 14 villages and 2047 beneficiaries have been impacted through various project interventions.
- 3437 hectares have been benefitted through watershed interventions improving the overall water and soil conditions in the region.
- Soil erosion control and agricultural land preservation via 1,250 square meters of riverbank stone pitching, securing 63 hectares.
- Flood mitigation and land safeguarding through 2,500 cubic meters of embankment strengthening, protecting 20 hectares of agricultural land.
- 1 check dam was constructed benefitting 44 hectares of agricultural land.
- 7000 agro forestry and agro horticulture plants have been distributed.
- A total of 27 trainings and exposure visits have been conducted benefitting 581 farmers and 144 students across 14 villages.
- 30 farmers benefitted from Front Line Demonstrations in Paddy and vegetable crops.
- 4 vermi compost units have been constructed.
- 100 farmers benefitted from distribution of fodder kits.
- 2 animal health camps were organized benefitting 61 farmers and 820 animals.
- 3 farmers clubs have been formed and knowledge gaps in agriculture has been addressed through various trainings, field days and demonstrations benefitting over 110 farmers
- 50 farmers have had their soil tested under the comprehensive soil health analysis initiative and benefitted from customized recommendations during the crop season.
- 8 Self Help groups have been formed and 91 women trained in finance and book keeping, apart from various exposure visits to address their entrepreneurial requirements.
- 35500 kilolitres of water harvested during the last year through various water harvesting structures benefitting 3437 hectares.
- 10 portable biogas plants were distributed to the households.





Project Name: Community Watershed Project

Focus Areas: NRM, Water Conservation, LEAN Farming, Training & Capacity Building

Location: Solakpalle, Telangana

CSR Partner: Novartis Healthcare Private Limited

Key Achievements of the Project

- 6 villages and 1125 beneficiaries have been impacted through various project interventions.
- Improved water conservation and groundwater recharge through 28400KL, benefiting 365 farmers.
- installation of 100 solar street lights across 6 villages.
- 15 biogas plants were distributed to the households.
- 7 Self Help groups have been formed and 89 women trained in finance and book keeping, apart from various exposure visits to address their entrepreneurial requirements.
- Total livelihood support given through the project is INR 12,70,000



Project Name: Community Watershed Project

Focus Areas: Community Development

Location: Murbad, Maharashtra

CSR Partner: Novartis Healthcare Private Limited

Key Achievements of the Project

- Improved early childhood education facilities through construction of 1 new anganwadi, benefiting 14 children.
- Enhanced learning environment via construction of 3 new classrooms, benefiting 164 students.
- Upgraded school infrastructure through repair of 2 school kitchen roofs, impacting 65 students.
- Renovated anganwadi building benefiting 26 children.
- Access to safe drinking water through installation of 6 RO water purifiers with tanks, serving 391 beneficiaries.
- Modernized learning experience with 1 smart class for primary school, benefiting 102 students.
- Inclusive education supported by 1 smart class for special needs school, impacting 35 students.
- Improved residential facilities for 35 special needs students through provision of 10 bunk beds.
- Enhanced public infrastructure and safety through installation of 100 solar street lights across the villages, benefiting 1,280 individuals.



Project Name: Integrated Watershed Community Development Program

Focus Areas: Waterbody Rejuvenation, Agriculture Development, Training & Capacity Building

Location: Mysuru, Karnataka

CSR Partner: LTI Mindtree Foundation

Key Achievements of the Project

- 2 villages and 225 households have been impacted through various project interventions.
- 950 hectares have been benefitted through watershed interventions improving the overall water and soil conditions in the region.
- 1 Automatic weather station has been installed providing crop weather advisories to 225 farmers.
- 3800 cum field bunds have been created to enhance soil and water conservation measures in the fields.
- 1200 KL water has been harvested through Water Absorption trenches.
- 105 hectares belonging to 170 farmers land has benefitted from summer plough.
- 3 check dam (11 mts) and 3 check dams (8 mts) were constructed benefitting 600 farmers.
- 2 waterbodies were rejuvenated to the tune of 4260 KL.
- 10,500 cum of channel has been cleared providing scope for better water carrying capacity and irrigation to nearby farm lands.
- 3700 agro forestry and agro horticulture plants have been distributed benefitting 75 farmers.
- A total of 25 trainings and exposure visits have been conducted benefitting 812 farmers.
- 25 farmers have benefitted from Front Line Demonstrations in Paddy and vegetable crops.
- 165 farmers benefitted from distribution of fodder kits and green manure seeds.
- 4 animal health camps were organized benefitting 175 farmers and 700 animals.
- 1 farmers club has been formed and knowledge gaps in agriculture has been addressed through various trainings, field days and demonstrations benefitting over 30 farmers.
- 75 farmers have had their soil tested under the comprehensive soil health analysis initiative and benefitted from customized recommendations during the crop season.
- 4 Self Help groups have been formed and 115 women trained in finance and book.
- keeping, apart from various exposure visits to address their entrepreneurial requirements.
- 30 women benefitted from livelihood support through SHGs
- 5460 kilolitres of water harvested during the last year through various water harvesting structures benefitting 950 hectares.



Project Name: School Infrastructure Renovation Project

Focus Areas: Community Development

Location: Mysuru, Karnataka

CSR Partner: LTI Mindtree Foundation

- Key Achievements of the Project**
- 500 students have benefited from the enhancements made to the school facilities as part of this project.
 - Various facilities have been created for the school to promote safety, hygiene and safe drinking water for the school children in the village. The school has been secured with a compound wall, toilet complex has been constructed for the benefit of the children and teachers with adequate water facility in the toilets. A hand wash station and syntex tank for drinking water has been installed in the campus. All buildings have been renovated and painted.



Project Name: Water Resources Development Project – Naviluru

Focus Areas: Water Conservation, Channel Formation, Water Body rejuvenation, Training & Capacity Building

Location: Mysuru, Karnataka

CSR Partner: Capri Global Capital Limited



- Key Achievements of the Project**
- 6 villages and 310 households have been impacted through various project interventions.
 - 416 farmers benefitted from livestock management through 6 cattle camps, benefitting 3210 animals
 - Construction of 2 school toilets improving sanitation for 400 students.
 - 1 hand wash station was installed, promoting hygiene in schools, benefitting 130 students.
 - Restoration of Mudhalli Village Waterbody, benefitting approximately 250 households.
 - 7 trainings were conducted benefitting 293 farmers.
 - 2205KL has been harvested through waterbody rejuvenation.

Project Name: Integrated Community Development Project

Focus Areas: Water Conservation, Channel Formation, Water Body rejuvenation, Training & Capacity Building

Location: Coimbatore, Tamil Nadu

CSR Partner: Larsen & Toubro (L&T)

Key Achievements of the Project

- De-siltation of channels ensures uninterrupted water flow, safeguarding 70 beneficiaries from potential flooding and facilitating agricultural activities.
- 143 households benefitted from Water absorption trenches leading to better water conservation measures to mitigate water scarcity risks.
- 42500 cum of Water harvesting trenches has been completed benefitting 78 farmers.
- 77 beneficiaries have benefitted from summer ploughing techniques thereby improving soil health and promoting crop resilience against adverse weather conditions.
- 7 new check dams were constructed impacting 63 households, and mitigating soil erosion, preserving fertile land, and bolstering groundwater levels.
- 2 check dams were renovated and strengthened to ensure optimum water conservation and impacting the agricultural productivity in the region.
- 3 trainings and 8 crop demonstrations were conducted benefitting 355 farmers.
- 24 farmers benefitted from Fodder demonstration and kits.
- 1000 palm seeds were distributed to 34 farmers for planting on waterbody bunds to enhance soil and water conservation measures.
- 30 women farmers benefitted from kitchen gardens addressing household nutrition security.





Watershed Development Division

NABARD & CSR Projects

NAF has been undertaking watershed development projects with the grant assistance from NABARD and Corporate Partners under CSR support on 50:50 fund sharing basis.

The following is the list of watershed projects being undertaken by NAF under NABARD & CSR partnership:

S. No	Name of the Watershed	District & State	No. of villages covered	Treatable Area (Ha)	Funding support	Current Status
1	KN Palayam	Erode, TN	5	1161.2	Bannari Amman Sugars and NABARD	Completed
2	Melpennathur	Thiruvannamalai, TN	4	1346.9	Bannari Amman Sugars and NABARD	Completed
3	Kuppachiparai	Krishnagiri, TN	7	1182.87	The Rotary Club of Madras Coromandel and NABARD	Completed
4	Pulleri	Chengalpattu, TN	11	984.31	NABARD	Ongoing
5	Kotteri	Cuddalore, TN	4	1079	TITAN and NABARD	Completed
6	Thandakaranku ppam	Cuddalore, TN	4	918.35	TITAN and NABARD	Completed
7	Kolathankurichi	Cuddalore, TN	6	947.73	TITAN and NABARD	Completed
8	Narumanam	Cuddalore, TN	5	921.72	TITAN and NABARD	Completed

The details of all the NABARD – CSR Watershed Projects are summarized below:



Melpennathur WDF Project In Tiruvannamalai District, Tamilnadu Supported by NABARD and Bannari Amman Sugars Pvt. Ltd.

Project Activities:

- Field Bund
- Farm pond inlet & outlet
- Chisel Plough
- AF replanting
- AH replanting
- Channel Formation
- Sunken pond

Key Achievements During the Year:

- Cumulatively, 10,206.85 cubic meters of Field Bund were constructed.
- 2 Farm Pond inlets and outlets were installed.
- Chisel ploughing was implemented on 138.16 hectares of land.
- 991 units of Agroforestry were replanted.
- 1,379 units of Agro Horticulture were replanted.
- 272.715 cubic meters of Channels were cleared.
- 2,390.606 cubic meters of Sunken Ponds were created.





Pulleri WDF Project In Chengalpattu District, Tamilnadu Supported by NABARD

Project Activities:

- Field Bund
- Water Absorption Trenches
- Chisel Plough
- Vegetable Pandal
- Cattle pond
- Channel Formation
- Sunken pond

Key Achievements During the Year:

- Cumulatively, 7,185.84 cubic meters of Field Bund were constructed.
- 384.7 Water Absorption Trenches were developed to improve drainage water flow.
- 63.07 hectares of land were covered with Chisel Plough.
- 5 Vegetable Pandals were initiated.
- 3,505 cubic meters of Cattle pond was excavated.
- 816.82 cubic meters of Channel were cleared.
- 210 cubic meters of Sunken Pond were created.
- 9 Trainings were conducted for 225 beneficiaries under Sustainable Development Plan.





NABARD KfW SOIL REHABILITATION & CLIMATE CHANGE ADAPTATION PROJECT:

NABARD had sanctioned a new project "SOIL REHABILITATION & CLIMATE CHANGE ADAPTATION PROJECT" in six already existing WDF project locations during the year 2021 and the first instalment fund was released during the month of November 2021. The project aims to promote the following interventions:

- Soil and Water conservation measures.
- Soil fertility & Productivity enhancement measures.
- Sustainable NRM, CCA farming practices and food security.
- Measures to mitigate climate risks.
- Capacity building and institutional strengthening measures.
- Watershed level Knowledge management & Documentation.

All Projects Supported by NABARD and KfW							
S. No	Funding Partner	Name of the Project	District & State	No. of villages covered	Total Area (Ha)	No. of Families Benefitted	Current Status
1	NABARD	KN PalayamKfW Soil Project	Erode, TN	5	1178	3178	Ongoing
2	NABARD	KuppachiparaiKfW Soil Project	Krishnagiri, TN	8	982.27	2736	Ongoing
3	NABARD	KotteriKfW Soil Project	Cuddalore, TN	5	1079.8	1664	Ongoing
4	NABARD	ThandakarankuppamKfW Soil Project	Cuddalore, TN	5	869.3	2725	Ongoing
5	NABARD	Kolathankurichi KfW Soil Project	Cuddalore, TN	5	975.1	2328	Ongoing
6	NABARD	NarumanamKfW Soil Project	Cuddalore, TN	4	916.2	5668	Ongoing

The details of all Projects Supported by NABARD and KfW are summarized below:

K.N.Palayam KfW Soil Project Achievements during the Year:

- 12 Borewell Recharge Pits were constructed.
- 4 automated drip irrigation systems were installed.
- 73.03 Acres of land application of enriched FYM.
- 161.49 Acres of land were treated with biofertilizer application (Azospirillum).
- Gypsum was applied to 81.35 acres of agricultural land.
- Summer ploughing was carried out on 65.8 hectares of land.
- 1283 Kg Mulching was implemented for 2001 Horticulture plants.
- 4 Acres of land were diversified for floriculture.
- 10 Goat Farming units were provided to landless beneficiaries.
- One Integrated Farming System (IFS) model was established in the project area.
- 5 Training sessions were conducted for 130 beneficiaries.
- Street drama about soil and water conservation was organized for the communities to increase awareness on soil and water conservation.
- 1 Exposure Visit was organized for 50 farmers.
- 1 village knowledge centre was established to disseminate information and knowledge.



Kuppachiparai KfW Soil Project Achievements during the Year:

- 2,000 cum of percolation ponds were constructed.
- 12 Bore Well Recharge Pits were constructed.
- 9 Well Recharge Pits were constructed.
- 214 soil testing & health cards were distributed to farmers.
- 27.56 hectares of land underwent summer ploughing.
- 50 Acres of land received application of enriched farmyard manure.
- 89 Acres of land received green manure application.
- 64 Acres of land received biofertilizer application.
- 60 Acres of land received gypsum application.
- 18.64 acres of Horticulture crops were intercropped with pulses.
- 3 Acres of land were diversified for floriculture.
- 30 Goat Farming units were established.
- 29 Poultry farming units (20 desi birds per beneficiary) were established.
- 1 Integrated Farming System (IFS) model was established.
- 8 raised bed vegetable cultivation units were established.
- 10 Training sessions were conducted for 310 beneficiaries.
- 1 Exposure Visit was organized for 50 farmers.



Kotteri KfW Soil Project Achievements During the Year:

- 2,000 units of Agro Horticulture were established.
- 1 Mansory check dam (8m) was constructed.
- 146.8 hectares of land underwent summer ploughing.
- 44.2 Acres of land received application of Vermicompost.
- 120.37 Acres of land received Green Manure Application.
- Gypsum was applied to 127.395 Acres of land.
- 9.77 Acres of land received application of enriched FYM.
- 33 Goat Farming units were established.
- 35 Poultry farming units (20 desi birds per beneficiary) were established.
- 15 raised bed vegetable cultivation units were established.
- 5 Beekeeping units (@5 bee boxes/beneficiary) were established.
- 1,774 fodder tree cultivation units were established.
- 17 crop insurances were provided.
- Agro advisory service for 400 beneficiaries for the period of 2 years were initiated.
- 2 Training sessions were conducted for 51 farmers.
- Street dramas about soil and water conservation were conducted.
- 1 Exposure Visit was organized for 50 farmers.



Narumanam KfW Soil Project Achievements During the year:

- 390 cubic meters of Field Bunds were constructed.
- 1 farm pond inlet cum outlet was installed.
- 3,000 Agro Horticulture units were established.
- 1 check dam (8m) was constructed.
- 53.8 hectares of land underwent summer ploughing.
- 75 Acres of land received application of Vermicompost.
- 80 Acres of land received green manure application.
- Gypsum was applied to 118 Acres of land.
- 25 Goat Farming units were established.
- 25 Poultry farming units (20 birds per beneficiary) were established.
- 9 raised bed vegetable cultivation units were established.
- 8 Beekeeping units (@5 bee boxes+ 1 honey extractor) were established.
- 2,777 fodder trees were planted.
- 15 crop insurances were provided.
- 1 Automatic Weather Station was established to provide crop weather advisory to the farmers
- Agro advisory services (400 beneficiaries for the period of 2 years) were initiated.
- 2 Training sessions were conducted for 50 farmers.
- Street drama about soil and water conservation was conducted.
- 1 Exposure Visit was organized for 48 farmers.



Kolathankurichi KfW Soil Project Achievements During the year:

- 16059.15 cubic meters of cattle ponds were excavated.
- 1 check dam (8m) was constructed.
- 58.5 hectares of land underwent summer ploughing.
- 47 Acres of land received application of Vermicompost.
- 116.07 Acres of land received green manure application.
- Gypsum was applied to 262.5 acres of land.
- 28 Goat Farming units were established.
- 30 Poultry farming units (country chicken - 20 birds per beneficiary) were established.
- 10 raised bed vegetable cultivation units were established.
- 10 Beekeeping units (@ 5 bee boxes+ 1 honey extractor) were established.
- 20 kitchen gardens were established.
- 3 Training sessions were conducted for 78 farmers.
- Street drama about soil and water conservation was conducted.
- 1 Exposure Visit was organized.



Thandakarankuppam KfW Soil Project Achievements During the year:

- 4 Mini Pond Recharge Systems were installed.
- 3,500 cubic meters of cattle ponds were excavated.
- 1 check dam (8m) was constructed.
- 68.57 hectares of land underwent summer ploughing.
- 80 Acres of land received application of Vermicompost.
- 140 Acres of land received green manure application.
- Gypsum was applied to 240 Acres of land.
- A model on Integrated Farming System was established.
- 25 Goat Farming units were established.
- 28 Poultry farming units (country chicken @ 20 birds per beneficiary) were established.
- 15 raised bed vegetable pandal cultivation units were established.
- 5 kitchen gardens were established.
- 3 Training sessions were conducted for 80 farmers.
- Street dramas about soil and water conservation were conducted.
- 1 Exposure Visits was organized.



Watershed Projects Supported through CSR from Corporate Partners:

S. No	Funding Partner	Name of the Project	District & State	No. of villages covered	Total Area (Ha)	No. of Beneficiaries	Current Status
1	HDFC Bank	Holistic Rural Development Program (HRDP) – Tiruchuli	Virudhunagar, TN	20	8299	8063	Completed
2	LIC HFL	HRIDAY	Virudhunagar, TN	8	1848.47	4033	First year completed
3	KONE Elevators	Integrated Development of dryland and irrigated agriculture through watershed development and climate proofing in Kavilipalayam watershed	Erode, TN	4	1504.42	9837	Ongoing
4	TITAN Company	Holistic Environmental and Agricultural Development project	Krishnagiri and Tiruvannamalai, TN	6	3760.34	10972	Ongoing
5	HDFC Bank	HRDP	Bhupalapally, Telangana	19	-	1325	Ongoing
6	HDFC Bank	Focussed Development Program (FDP)	Ramanathapuram&Thoothu kudi	42	-	825	Ongoing
7	HDFC Bank	Smart school project	Thanjavur	1	-	1500	Completed
8	HDFC Bank	Flood Relief (Dry Ration Kit) Project	Thirunelveli, Chennai	3	-	6158	Completed
9	Kone Elevators	GIM- Green India Movement	Chengalpattu & Kancheepuram	11	25 -		Completed



Holistic Rural Development Program (HRDP), Tiruchuli Block, Virudhunagar Supported by HDFC Bank

20 villages (covering 13 census villages) in Aruppukottai Taluk (Thiruchuli Block) of Virudhunagar district in Tamil Nādu have been covered under the Holistic Rural Development Program (HRDP), Tiruchuli Block, Virudhunagar.

Achievements During the Year:

- 6 check dams (4 mts) were constructed.
- 2 check dams (8 mts) were constructed.
- 1 check dam (14mts) was constructed.
- 6 Village ponds were rejuvenated.
- 2 Village tanks/lakes were rejuvenated.
- 3 Farm ponds were constructed.
- 70 Field Bunds with outlets were constructed.
- 330 prosopisjuliflora plants were uprooted and cleared.
- 50,000 palm seeds were sown on channel bunds.
- 40 Agroforestry plantation drives were conducted.
- 30 Agro Horticultureplantation drives were conducted.
- 51 farmers Training sessions on farm techniques were conducted.
- 40 Front Line Demonstrations (FLD) were conducted.
- 50 farmers were supported under organic farming.
- 10 batches of fishlings were supplied to farmers.
- 100 batches of Backyard Poultry were provided.
- 10 Micro-Irrigation support systems were provided.
- 40 Beekeeping units were provisioned to 20 farmers.
- 350 Home Garden saplings were distributed.
- 35 units of Organic Input Production Units (Vermicompost, panchakavya, azolla, solar pest trap) were established.
- 400 applications of Biofertilizers were conducted.
- 1 Value addition unit for Organic FPC was established.
- 2 Anganwadi centers were upgraded.



HRIDAY Project, Tiruchuli Block, Virudhunagar Supported by LIC Housing Finance Limited

Eight villages (ten hamlets) have been selected for the implementation of the project. The eight villages selected for the project falls in two panchayats Kuchampatti and Pulikkurichi. These villages were selected based on the potential for creating a change in terms of natural resources augmentation and livelihood development.

Achievements During the Year:

- 8 health camps (5 Animal & 3 Human health camps) were conducted, benefiting the local community.
- 400 Home Gardens were established to promote self-sufficiency in food production.
- 4 Sanitation Complexes for women were constructed to improve hygiene and sanitation.
- 1 RO water dispenser was installed to provide clean drinking water.
- 1 Nutrition Garden was set up to ensure nutritional security.
- Sports clubs were set up to support 145 School Students.
- 1 School Sanitation Complex was constructed to improve hygiene in schools.
- 1 Anganwadi center was upgraded to enhance early childhood care and education.
- 2 Smart Classes were set up to improve the quality of education.
- 19 Training sessions (350 beneficiaries) on farm techniques were conducted to enhance agricultural practices.
- 100 Soil sample analysis were conducted, and recommendations were issued to improve soil health.
- Demo inputs and labor charges were provided to 50 beneficiaries to enhance farming practices.
- Solar Pest Traps were provided to 50 beneficiaries.
- 50 Goat Farming units were established to support landless beneficiaries.
- 40 cattle units were provided to beneficiaries to promote livestock farming.
- 300 batches (20 Hens per person) of Backyard Poultry were provided.
- Infrastructure setups (Vine Vegetables) were completed for 20 beneficiaries.
- 50 Beekeeping units were established to promote Apiculture.
- 50 Beneficiaries (150 Units per Beneficiary) set up Organic Input Production units.
- 50 units for the production of Vermicompost were set up.
- 50 units for the production of Panchakavya were established.
- 50 units for the production of Azolla were established.
- 3,000 Plants were provided to 199 Beneficiaries under Agro Forestry & Horticulture.

- 2 sluice repair constructions were completed to improve water management.
- Channel Clearance was carried out over a volume of 16,200 cum to enhance water flow.
- Pond renovation was conducted over a volume of 17,200 cum.
- 4800 cum Farm ponds were created to benefit 6 farmers.
- 2000 cum of Field Bunds were constructed to prevent Soil Erosion benefitting 40 Farmers
- Removal of prosopisjuliflora was conducted over 200 acres to improve land usability.
- 40,000 palm seeds were sown to enhance vegetation cover.
- 4,000 multi-purpose trees were planted to improve the environment.
- 1 Miyawaki Forest Model of 1000 Plants has been established.
- 8 VDC (Village Development Committee) developments were supported.
- 24 Solar Street Lights were installed benefitting the community.
- 16 Wall paintings to create community awareness has been completed.
- 300 SHG (Self-Help Group) Training sessions were conducted to empower women and promote self-employment.
- 1 Marketing and Value addition infrastructure for vegetables, chilly and minor millets has been established.



Integrated Development of dryland and irrigated agriculture through watershed development and climate proofing in Kavilipalayam watershed Supported by KONE Elevators.

Achievements During the Year:

- 6 well Recharge Pits were constructed for farmers to enhance water retention and recharge.
- 1,800 cubic meters of sunken ponds were developed to improve water storage.
- 30HaLand leveling and stone removal was completed for 70 farmers to improve agricultural productivity.
- 9 Farm ponds were created to store water for irrigation.
- 12 farm pond inlets were constructed to facilitate water flow into the ponds.
- 7426.1 cubic meters of Field Bunds were constructed benefitting 49 farmers.
- 53 Field Bund pipe outlets were installed to manage water flow.
- Chisel ploughing was done for 100.3 hectares benefitting 127 farmers to improve soil aeration and water infiltration.
- 480 units of Stone Bunds were constructed to control Soil Erosion and retain moisture.
- 6 recharge borewells were established to enhance common land groundwater levels.
- 6,250 agroforestry plants were planted to improve biodiversity and provide economic benefits to 75 farmers.
- 4935 Agro Horticulture plants were planted to improve biodiversity and provide economic benefits to 42 farmers.
- 2 Masonry check dams were constructed to conserve water and prevent soil erosion.
- 32 cubic meters of Low-Risk Check Dams (LRCD) were developed.
- 650 Home Gardens were established to promote household food security and nutrition.
- 3 orientation Training sessions for villagers were conducted to increase awareness and knowledge.
- 5 agricultural technical Training sessions (Module 1) were conducted to improve farming techniques.
- 6 agricultural technical Training sessions (Module 2) were conducted to enhance technical skills.
- 3 Exposure Visits were organized for 85 farmers to learn best practices and new techniques.
- 22 demonstrations were conducted to showcase innovative farming methods.
- 240 beekeeping initiatives were initiated for 10 Farmers.
- 100 batches of Backyard Poultry were provided.
- 55 Organic farming input production units were established.



Holistic Environmental and Agricultural Development project Supported by TITAN

Achievements during the year:

- 8,100 cubic meters of Farm ponds were constructed.
- 27 farm pond inlets were installed to facilitate water inflow.
- 2 Well (Borewell) Recharge Pits were constructed to enhance groundwater recharge.
- 24,517 cubic meters of village pond renovation were completed to improve water storage and availability.
- 11,260 cubic meters of percolation ponds were developed to increase groundwater infiltration.
- 9,100 cubic meters of channel clearance were executed to ensure proper water flow.
- 3 masonry check dams were constructed to prevent soil erosion and conserve water.
- 26 Repair and maintenance of MCDs (Minor Construction Dams) were carried out.
- 400 cubic meters of sunken pits were created to enhance water infiltration.
- 10,977 cubic meters of field bunds were constructed to control soil erosion and retain moisture.
- 77 Field Bund outlets were installed to manage water flow.
- 140 cubic meters of LRCD (Low-Risk Check Dams) were developed.
- 8,000 Agroforestry plants were planted to improve biodiversity and provide economic benefits.
- 8,000 Agro Horticulture plants were planted to enhance crop diversity and productivity.
- 50 units of fodder development (1 unit = 10 cents) were established to support livestock feed.
- 175 Home Gardens were created to promote household food security and nutrition.
- 15 Vegetable pandals (1 unit = 10 cents) were constructed to support vegetable cultivation.
- 8 orientation Training sessions for villagers and CBOs were conducted to increase awareness and knowledge.
- 27 agricultural technical training sessions were conducted to improve farming techniques.
- 5 health camps for livestock were organized to ensure animal health and productivity.
- 4 Exposure Visits were organized for farmers to learn best practices and new techniques.
- 30 demonstrations were conducted to showcase innovative farming methods.
- 45 Poultry farming units (20 desi birds per beneficiary) were established.





Holistic Rural Development Program (HRDP), Bhupalapally, Telangana, Supported by HDFC Bank

Nineteen villages (covering 12 census villages) in the district of Jayashankar Bhupalapally in Telangana have been covered under the Holistic Rural Development Program (HRDP) supported by HDFC Bank.

Achievements during the Year:

- 11 Village ponds were renovated, enhancing water storage and availability.
- 60 Farm ponds were constructed to improve irrigation and water conservation.
- 9 plantation drives for AgroHorticulture (AH) were conducted.
- 960 Home Gardens (18 Varieties of seeds kits) were established to promote household food security and nutrition.
- 90 Front Line Demonstrations (FLD) were carried out to showcase innovative farming techniques.
- 166 Organic Input Production Units (including Vermicompost, Panchakavya, Azolla, and solar pest traps) were set up.
- 72 demonstrations of drum seeders and conoweeders were conducted for 18 Farmer clubs to improve planting efficiency.
- 339 units (1 unit per Farmer) of enriched Farm Yard Manure (FYM) were prepared and applied.
- 339 applications (1 unit per Farmer) of Biofertilizers were completed to enhance Soil fertility.
- 339 units (1 unit per Farmer) of Proper Composting practices were implemented.
- 362 (1 unit per Farmer) Soil Amendments were conducted to improve soil health.
- 171 (1 unit per Farmer) demonstrations of Improved Fodder were carried out to support Livestock nutrition.
- 83,333 high-yield fishlings were introduced for 300 beneficiaries to boost Fish farming.
- 2 Palmyrah based handicrafts training demonstration were conducted for 85 beneficiaries.
- 2 Palmyrah based value addition demonstration were conducted.
- 19 group Poultry farming activities benefitting 192 beneficiaries were initiated.
- 194 Beekeeping units for 675 beneficiaries were established to promote honey production and pollination.
- 19 Small Enterprise activities for Self-Help Groups (SHGs) were initiated for 179 beneficiaries.





Project in HDFC FDP – Ramanathapuram & Thoothukudi, Tamil Nadu

The Project covers two districts in Tamil Nadu, namely, Ramanathapuram and Thoothukudi. The proposed project villages in Kamuthi, Kovilpatti and Pudhur blocks of Ramanathapuram and Thoothukudi in Tamil Nadu.

Achievements during the Year:

- 100 Organic Input Production Units for Panchakavya were set up.
- 100 Organic Input Production Units for solar pest traps were installed.
- 100 Organic Input Production Units for Azolla were created.
- 25 units of Vine Vegetable cultivation were implemented.
- 600 units were involved in the promotion of Vegetable farming.
- 5 Village ponds were rejuvenated to enhance water storage capacity.
- 4 Village tanks/lakes were renovated to improve water availability and quality.
- 100 units of prosopisjuliflora were uprooted and cleared to improve land use.



HDFC Smart school Project in Thanjavur, Tamil Nadu

The Project covers one school in Thanjavur District in Tamil Nadu, namely, Raja's Primary and Higher Secondary School, benefitting over 1500 Students.

Achievement during the year:

- 4 units of smart/interactive learning infrastructure were installed.
- Interior walls of 4 Smart Classes were painted.
- Furniture sets (10 per set) for 4 Smart Classes were provided.
- Screens for windows and floor mats for 4 Smart Classes were installed.
- Miscellaneous (Electrical Wiring Repairs) and other items for 4 classes were provided.
- Electrical works and LED lighting for 4 classrooms were completed.



HDFC Flood Relief (Dry Ration Kit) Project, Tamil Nadu

This project covered the Southern Districts of Tamilnadu namely, Tirunelveli, Thiruchendur, Thoothukudi locations. 6158 Families affected during the floods, received Dry Ration Kits (Flood Relief Kit) from this Project.

Achievement during the year:

- 6,158 Flood Relief Kits were provided.
- 5,398 kits were delivered in Southern districts.
- 760 kits were delivered in Chennai district.



Kone GIM Project:

The Project covers the Planting of 10,000 plants in common lands in Thirukalukuntram, Chengalpattu district and it also covers watering & maintenance, distribution of manure and fertilisers, weeding, mulching and staking.

Achievement during the year:

- 10,000 tree saplings were planted in common land including soil filling.
- watering and maintenance were done for 10,000 plants which were planted in common land.
- 1,000 plants were replanted and maintained.
- Weeding, Mulching, Staking, Manure and Fertilizers were distributed for 10,000 plants.





Agricultural Development Division

NAF's Agricultural Development Division functions with the goal to enable our farming communities to adopt the latest technological practices in agriculture and up skill themselves to adapt to the fast-changing environment.

NAF focuses on up skilling through enabling farmers to practice Climate Smart Lean Farming technologies and simultaneously empowering them with necessary business skills, to overcome the challenges posed by global forces and to become profitable. With the latest advancements in farming technologies such as Artificial Intelligence enabled Smart Farms, Integrated Farming Methodologies, Poly-house, Farm Drones, etc., the potential of agriculture becoming the most profitable business in the country is not an exaggerated vision.

NAF has been promoting sustainable agriculture through Lean Farming which is a combination of organic, bio and inorganic approach with climate change adaptation and mitigation measures which is economically viable, environmentally safe and ecologically sustainable. These initiatives are undertaken with support from various stakeholders including the Government and Corporate sector agencies. In addition, every effort of our implementation team strives to involve the targeted beneficiaries from the project-planning phase to the project exit phase creating and nurturing a sustainably lasting model.

Areas of Focus

- Promoting Sustainable Agricultural Practices through LEAN Farming Technologies.
- Promoting and nurturing Agri-businesses run by farmers (FPOs).
- Providing advisory and consultancy services to other stakeholders.
- Training, Technology, Extension & Analytical services for Agricultural productivity improvement.

- Empowering the farmers with the knowledge, tools and technologies to improve their livelihoods and tap the maximum potential from the agricultural system.
- Demonstrating and implementing climate smart agriculture to reduce the climate change related vulnerabilities of the farmers by improving their adaptive capacity.

These initiatives are undertaken with support from various stakeholders including the Government and support from Corporate Partners through their Corporate Social responsibility Initiatives.

The various agriculture components are implemented in the following projects:

Promotion of Sustainable Agriculture through Lean Farming

NAF is introducing Lean Farming Technologies and crop specific improved methods of cultivation among farmers across the states to ensure that farming is a profitable venture for the farmers. NAF ensures that there is judicious use of natural resources, while maintaining the ecological balance to ensure that farmers earn a healthy income on one hand while maintaining the balance in soil and water conservation on the other. NAF also trains the farmers on preparation of vermicompost, panchakavyam, azolla which are organic manures, thereby reducing the dependence on chemical fertilizers and pesticides and reducing the input costs to the farmers. Green manuring and proper composting methods are introduced to improve soil health. Tree planting is included in almost all the projects to increase green cover as a climate resilient initiative. Farm machineries have been introduced to reduce cost of cultivation and tide over labor scarcity through farmer support groups formed in the villages. Trainings on water management to increase water use efficiency by introducing micro irrigation system, SRI method of cultivation, minimizing water wastage during irrigation are also imparted. These agri components are included in all the watershed projects and being executed by agriculture development division. For the current year, the following sustainable agriculture initiatives are being undertaken. 762 soils were collected for comprehensive soil health analysis and health cards with customized recommendations were provided to the farmers.



Frontline Demonstration:

Frontline demonstrations are a simple yet effective strategy to reach out to the farmers through the methodology of learning by doing and there by influencing their peers for adoption of better and improved agri technologies., 567



FLDs were initiated with progressive farmers through a step-by-step guidance and handholding process, building their knowledge and capacities through participatory learning methodologies. All the interventions such as soil sampling, soil testing, land preparation, land levelling, green manuring, ploughing, application of soil amendments, formation of ridges and furrows, line transplanting (SRI) and DSR if paddy, seed treatment methods, proper spacing, application of soil test based fertiliser and micro nutrients, installation of traps, solar light traps, pheromone traps, spraying/application of organic formulation, bird perches, need based spraying of green pesticides if pest population exceeds ETL and regular visit to farmers were done during conducting demonstration.

A total of 279 acres of land had come under crop demonstration during the year across various regions, Farmers adopted these practices in cultivation of maize, cotton, chilli, sorghum, paddy, vegetables, millets etc. The above efforts have showcased an average 36% reduction in cost of production and 27% increase in yield in completed demonstrations.

Tree Plantation:

NAF has been contributing to restoring ecosystems across its various project locations through its dedicated plantation activities. Environmental conservation being the heart of this initiative, we have involved farmers, students, communities in understanding the importance of restoring, conserving and promoting ecologically sound practices which will benefit the communities at large.



Through its various conservation efforts, biodiversity is also restored and many defunct waterbodies are now drawing scores of birds and animals to its reserves.

Tree plantation has also helped us elevate soil erosion issues and has led to ample rejuvenation of the ground water tables in our project locations.

1,06,768 agro horticulture and agro forestry plants were distributed to individual farmers and planted on community land.

Technical trainings: and Exposure Visits

Skill development in general sense has been focusing predominantly on non-farm sector, whereas, agriculture sector which employs about 60% of the Country's population, needs focused approach to enhance the skill sets of the practicing and new age farmers to enable them



cope up with the changing trends in agriculture and agribusiness sector. There has been general shift in focus from mere “production” to “post-harvest” including value addition, processing, supply chain and marketing. An increased application of digital technologies also calls for urgent need to educate the farmers on the recent trends such as Artificial Intelligence, IoT, online marketing, digital payments etc for better decision making and realization of profits. Agriculture being a core area of focus for NAF and a common thread linking almost all the sustainable development goals, the need of the hour calls for, investing in farm skill development both on-farm and off-farm technologies, to cope up with the changing trends of agriculture and agribusiness in India. We have tried to mobilize scientific know how, coupled with technological inputs in keeping with complex social structures, ground realities and available resources to address these new and upcoming challenges in this digital era.

Promoting farm skills is not only about boosting production; it is also about increasing incomes and strengthening markets, enabling farmers to graduate from sustenance agriculture to commercial agriculture using modern techniques, while leveraging traditional knowledge to become sustainable in the long run.

271 technical trainings were conducted in which 6560 beneficiaries were given trainings under various projects. 16 exposure visits were organized benefitting 540 farmers.

Preseason camps and Field Days:

12 pre-season camps were conducted to discuss with farmers various action points to be undertaken during the cultivation period from seed to seed.

7 field days were conducted as a part of practical training for the purpose of disseminating the lean farming technology.



Veterinary camps:

26 veterinary camps were conducted through which 5240 cattle were benefitted even in remote villages, where services are very poor. Timely care of farm animals at the doorstep has ensured that the farmers do not face loss from disease or treatment and healthy animals and livestock, provide the farmers with added income to supplement their livelihoods.

Low cost Pandal structure:

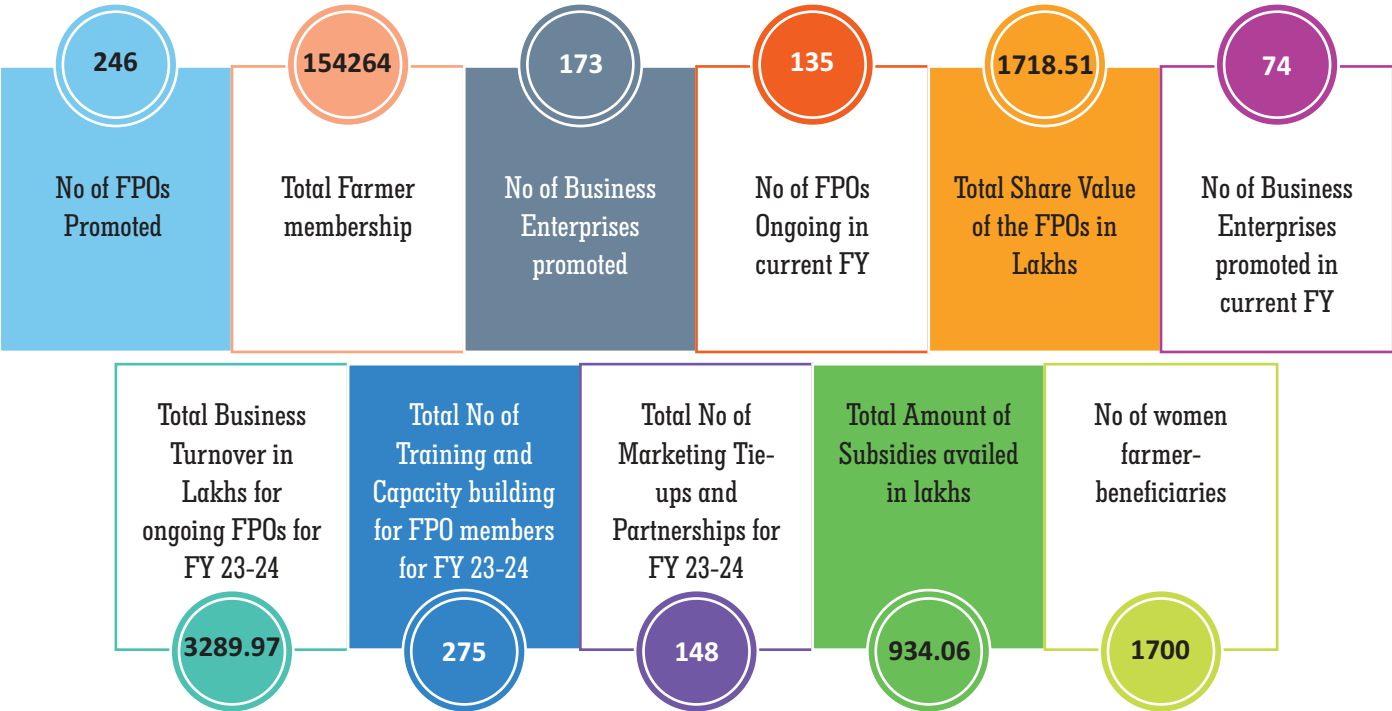
70 low cost pandals for vegetable cultivation were established. Through this system, farmers were able to fetch a steady income round the year and also engage in crop diversity.

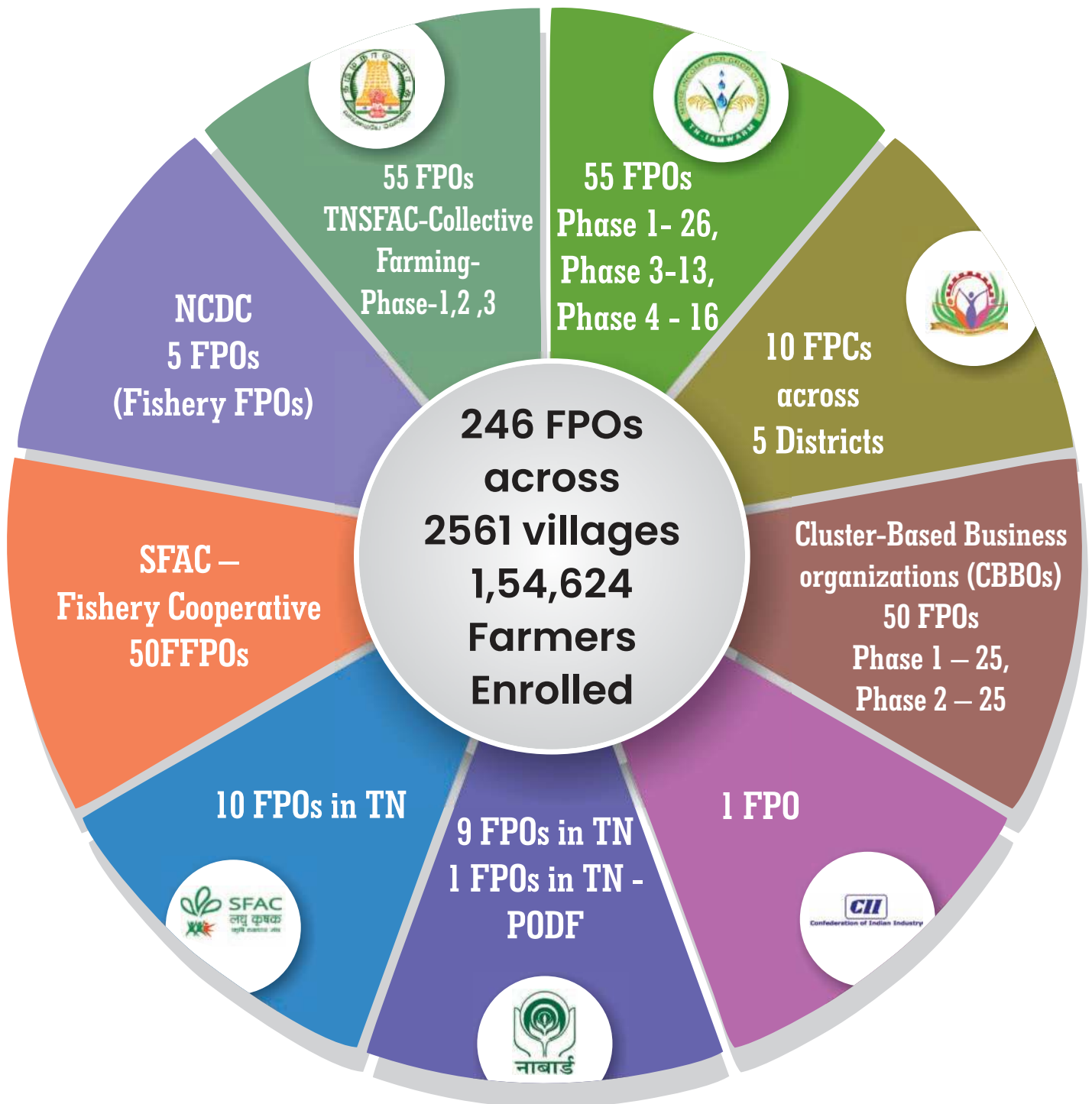


Agribusiness Development Division

NAF has been empanelled as a Resource Institution and Producer Organization Promoting Institution (POPI) by Small Farmer Agri-Business Consortium (SFAC), Ministry of Agriculture, Government of India and NABARD respectively for the promotion of Farmer Producer Organizations (FPOs) in the states of Tamil Nadu, Andhra Pradesh, Uttar Pradesh, Telangana and Maharashtra. Under this, FPOs have been promoted as part of the promotion of agribusiness activities for the farming community with the support from Small Farmer Agribusiness Consortium (SFAC), Central & State Government, NABARD, World Bank and Corporate partners through CSR support as well. NAF has also been empanelled in NCDC and NAFED for the first time in a milestone achievement for the organization.

Overview





Value Addition & Branding of FPO Products



FPOs under TN Irrigated Agriculture Modernization and Water bodies Restoration and Management (TNIAMWARM) Project

This World Bank assisted project has been implemented predominantly in river basin areas of Tamilnadu wherein modernization of irrigated agriculture, promotion of water saving technologies etc were focused. As a part of sustainability of IAMWARM project, the Government is focusing on community strengthening and business development through promotion of Commodity Groups and federating them as FPOs. NAF has been selected as Technical Support Agency (TSA) by TNIAMP for providing handholding support to FPOs (formation, training and capacity building of FPOs on Governance, statutory compliances, business promotion and supply chain management activities) for these FPOs. NAF has been awarded with 3 Phases of FPOs – TNIAMP Phase I, III & IV

Phase III & IV are the ongoing projects where it covers 13 FPOs in 9 districts and 16 FPOs in 10 districts respectively

Salient features / highlights of the project

- NAF has facilitated in arranging the start-up grant amount of INR 10 Lakh to every FPO.
- NAF has supported all the FPOs to arranges share certificates and distributed to all the shareholders in the FPOs.
- NAF has facilitated Productive Investment grant for TNIAMP – Phase-IV – 14 FPOs upto INR 20 Lakh; which has been received by every FPO.
- By the facilitation of NAF, 8 FPCLs have availed the Business Expansion Grant of INR 30 lakh per FPO through which the FPCLs will establish the Custom Hiring Center, Value added machinery and seed farms etc.

Credit Linkages Facilitated by NAF for FPOs under TNIAMP

S. No	Name of the FPO	Purpose	Subsidy Amount Availed (INR)
1	Arulmigu Ammaiappar FPCL	Mezzanine Capital Assistance & Working capital	2,000,000
2	Pazhamudhir Cholai FPCL	Mezzanine Capital Assistance	100,000
3	Karpaga Virutcham FPCL	Mezzanine Capital Assistance	500,000

FPOs Under Tamilnadu Irrigated Agriculture Modernisation Project (TNIAMP – PHASE 3)

NAF has been providing handholding support to the FPOS under Phase 3 project. 195 governing bodies of Farmer Producer Organizations (FPOs) and farmer members have been trained on various aspects of business development, aggregation, marketing, governance etc. 13 CEOs have been trained on statutory compliances, good governance and business plan development.

All the 13 FPOs have initiated business activities such as Agro Input shop and aggregation of commodities like tomato, coconut, groundnut, black gram etc. Two FPOs have achieved a turnover of above INR 1 crore and 6 FPOs have achieved a turnover of above INR 70 lakhs

Grants Facilitated by NAF for TNIAMP Phase 3 FPOs

S No	Name of the FPCL	District	Purpose of Grant Availed	Subsidy Amount Availed (INR)
1	TNIAMP chinnaru organic FPCL	Dharmapuri	Startup Grant Business Expansion Grant	5,00,000 30,00,000
2	TNIAMP Karpaga Virutcham FPCL	Ranipet	Startup Grant	5,00,000
3	TNIAMP Timiri FPCL	Ranipet	Startup Grant	5,00,000
4	TNIAMP Arulmigu Ammaiappar FPCL	Tiruvannamalai	Startup Grant Business Expansion Grant	5,00,000 30,00,000
5	TNIAMP Marudhaiyar FPCL	Ariyalur	Startup Grant Business Expansion Grant	5,00,000 30,00,000
6	TNIAMP Manimuktha FPCL	Kallakurichi	Startup Grant	5,00,000
7	TNIAMP Muskunda FPCL	Kallakurichi	Startup Grant Business Expansion Grant	5,00,000 30,00,000
8	TNIAMP Nambiyaru FPCL	Tirunelveli	Startup Grant Business Expansion Grant	5,00,000
9	TNIAMP Paravanaru Cuddalore Organic FPCL	Cuddalore	Startup Grant Business Expansion Grant	5,00,000 30,00,000
10	Thamizhagam Natural Agri Products FPCL	Kancheepuram	Startup Grant	5,00,000
11	TNIAMP Gummidipoondi Organic FPCL	Tiruvallur	Startup Grant Business Expansion Grant	5,00,000 30,00,000
12	TNIAMP Gumidipoondi FPCL	Tiruvallur	Startup Grant	5,00,000
13	TNIAMP Pazhamudhircholai FPCL	Tiruvannamalai	Startup Grant Business Expansion Grant	5,00,000 30,00,000

Business Activity

13 FPOs

9894
Shareholders

INR 12,139,000
Share Capital

INR 114,887,000
Business
Turnover

E-Nam: A Game-Changer in Tomato Trading

In Tamil Nadu with the help of Agri Marketing and Agri business department Chinnaru FPCL in Dharmapuri District through their innovative approach has achieved an astounding turnover of INR 194.55 Lakhs, benefiting 220 local farmers in tomato supply chains.



FPOs Under Tamilnadu Irrigated Agriculture Modernization Project – Phase 4

On the successful completion of the TNIAMP Phase 1 FPCLs, NAF has been awarded 16 new FPOs in 9 sub-basins in 10 districts in Tamilnadu. NAF has entered into 2 new districts (Ramnad and Sivagangai)

Grants Facilitated by NAF for TNIAMP Phase 4 FPOs

S No	Name of the FPCL	District	Purpose of Grant Availed	Subsidy Amount Availed (INR)
1	TNIAMP Alanganallur Pasumai FPCL	Madurai	Startup Grant Productive Investment Grant	5,00,000 20,00,000
2	TNIAMP Airavatham Therkar FPCL	Madurai	Startup Grant Productive Investment Grant	5,00,000 20,00,000
3	TNIAMP IV Ilayangudi FPCL	Sivagangai	Startup Grant Productive Investment Grant	5,00,000 20,00,000
4	TNIAMP IV Vaigayaru FPCL	Ramanathapuram	Startup Grant	5,00,000
5	TNIAMP Walajah	Ranipet	Startup Grant Productive Investment Grant	5,00,000 20,00,000
6	TNIAMP Sholinghur	Ranipet	Startup Grant Productive Investment Grant	5,00,000 20,00,000
7	TNIAMP Thirumuttam FPC	Cuddalore	Startup Grant Productive Investment Grant	5,00,000 20,00,000
8	TNIAMP Thuringalar FPC	Thiruvannamalai	Startup Grant Productive Investment Grant	5,00,000 20,00,000
9	TNIAMP Lalgudi marudham FPC	Thiruchirapalli	Startup Grant Productive Investment Grant	5,00,000 20,00,000
10	TNIAMP IV Manachanallur FPCL	Thiruchirapalli	Startup Grant Productive Investment Grant	5,00,000 20,00,000
11	Urathanadu FPCL	Tanjore	Startup Grant Productive Investment Grant	5,00,000 20,00,000
12	TNIAMP Ammapet FPCL	Tanjore	Startup Grant Productive Investment Grant	5,00,000 20,00,000
13	Cholanaadu FPC	Thiruvarur	Startup Grant Productive Investment Grant	5,00,000 20,00,000
14	Cholavalam FPC	Thiruvarur	Startup Grant	5,00,000
15	TNIAMP Ponniyamman FPC	Cuddalore	Startup Grant Productive Investment Grant	5,00,000 20,00,000
16	Kaani FPC	Nagapatinam	Startup Grant Productive Investment Grant	5,00,000 20,00,000

Business Activity

16 FPOs

6483
Shareholders

INR 8,836,000
Share Capital

INR 1,653,000
Business
Turnover



FPOs Under Tamil Nadu Rural Transformation Project (TNRTP)

NAF has been selected as a Technical Support Agency (TSA) for a World Bank assisted project viz., Tamilnadu Rural Transformation Project (TNRTP) as Technical Support Agency for extending support to Producer Collectives that have been formed by Tamilnadu Corporation for Development of Women Ltd (TNCDW), Ministry of Rural Development, GoTN. Under this project, both on-farm sector and off-farm sector enterprises promoted under SHG programs are being upgraded to FPOs. NAF has won the contract for Region II covering 5 districts including Salem, Erode, Tirupur, Coimbatore and Nilgiris.

NAF has been providing the following services to TNRTP FPOs in Tamilnadu:



Formation and Promotion of FPOs under Central sector scheme of promoting 10k FPOs supported by NABARD and SFAC

The Government of India has launched a new Central Sector Scheme titled "Formation and Promotion of 10,000 Farmer Produce Organizations (FPOs)" with a clear strategy and committed resources to form and promote 10,000 new FPOs. Under this Central Sector Scheme with funding from Government of India, formation & Promotion of FPOs are to be done through the Implementing Agencies. Implementing Agencies will engage Cluster Based Business Organizations (CBBOs) to aggregate, register & provide professional handholding support to each FPO for a period of 5 years. CBBOs have been empanelled & engaged by Implementing Agencies. CBBOs will be the platform for an end-to-end knowledge for all issues related to FPO promotion.

National Agro Foundation has been assigned the role of CBBO and has been promoting 50 FPOs – 25 FPOs in Phase 1 and 25 FPOs in Phase 2 across four states viz., Maharashtra, Andhra Pradesh, Uttar Pradesh and Tamil Nadu;

Details of Phase 1 FPOs

FPOs in Tamilnadu

- 2 FPCLs from Tamilnadu Under CSS for “Formation and Promotion of 10,000 FPOs” scheme have issued dividends to their shareholders from the business profit.
- Thirukkameswarar Hitech Agro FPCL, Pondicherry – involved in the business activity namely retail marketing (Departmental store, Agro Input shop achieved turnover of INR 109.22 Lakhs. They have issued dividend to 525 members.
- Kandamangalam FPCL, Villupuram District has been actively involved in the Agro Input shop and aggregation of Paddy. They have issued dividend for 300 members.
- Tirukkameswarar Hitech Agro FPCL, Puducherry has participated in the Republic Day celebration at New Delhi, 10 Board of Directors participated along with their families.
- The. Virudhai Cashew FPCL actively participated in the State Credit Seminar which was organized by NABARD, by setting up a stall to showcase its products and activities. The stall attracted esteemed visitors, including the Honorable Finance Minister of Tamil Nadu, Thiru. Thangamtenarasu, who took a keen interest in the activities of the FPO. The finance minister, accompanied by the Finance Secretary and the Chief General Manager of NABARD, graciously visited the Virudhai Cashew FPCL stall.
- Virudhai Cashew FPCL, Cuddalore District has participated in TARANG Mela where the FPCL showcased their value-added products and sold around INR 8,000 through this platform they got an ONDC order for 350kg of cashews.

FPOs in Uttar Pradesh

- All the FPCs are involved in the Agri-input business and trading of agricultural commodities like potatoes, mango, vegetables, plant saplings, wheat and paddy.
- FPCs have been successfully onboarded on the ONDC platform and UP Shakti Portal. Along with this, a Few FPCs have also signed the MoU with Cooperatives. Phase 1 FPC traded with ITC, FARM MART and on E-Nam. Ganga Varuna FPCL achieved the highest turnover of INR 71,20,865

FPOs in Andhra Pradesh

- In Alluri Seetha Ramaraju district, 2 FPOs promoted with support from NABARD have been actively engaged in trading of Cashew nuts. NAF has given exposure to cashew value addition, branding and packaging. Now, the FPCL initiated its own branding “Y Ramavaram GIRIJAN” and

entered the market with cashew value-added products and pure honey, these products have also been sold in ONDC (My Store) & Amazon, South Basket, Zomato in Delhi and other areas.

- Kalahasteeswara FPCL has started the value addition of groundnut and coconut oil. The products were displayed in FPO Mela New Delhi, and showcased its products and sold through Mystore a platform initiated through Govt. of India.
- Y Ramavaram, Chittoor FPCL, Kalahasteeswara FPCL participated in the Agri EXPO conducted by Tamil Nadu- Dept. of Agri Business & Agri Marketing, at Chennai Trade Center, and was awarded as the best value-added and branding FPO
- 5 FPOs have been invited to the celebration of Independence Day at Red Fort by the Ministry of Agriculture, Govt. of India,

FPOs in Maharashtra Supported by NABARD

NABARD has sanctioned 2 FPOs to National Agro Foundation in Maharashtra under the CSS 10,000 FPO scheme in Beed district of Maharashtra.

- Both the FPOs are involved in the Aggregation of commodities like Bengal gram, Soyabean, onion and have Agro Input shops for the benefit of its member farmers.
- Ambajogai and Kambleshwar FPCL participated in the KCC Campaign.



Business Activity

25 FPOs

17311
Shareholders

INR 69,244,000
Share Capital

INR 160,826,000
Business
Turnover



CSS for “Formation and Promotion of 10,000 FPOs” phase -1 –Grants Facilitated by NAF

S No	Name of the FPCL	Purpose of the Grant	Amount Availed (INR)
1	Pragatisheel Arajiline	Equity Grant	402,000
2	Cholapur Kalyan FPCL	Equity Grant	1,199,000
3	Gangavaruna Agro FPCL	Equity Grant	1,199,000
4	Mohammadabad Pragatisheel FPCL	Equity Grant	449,000
5	Kaimganj FPCL	Equity Grant	501,000
6	Siddavatam FPCL	Equity Grant	1,042,500

S No	Name of the FPCL	Purpose of the Grant	Amount Availed (INR)
7	Kandachipuram FPCL	Equity Grant	400,000
8	Kandamangalam FPCL	Equity Grant	400,000
9	Arakkonam FPCL	Equity Grant	1,200,000
10	Girivalam FPCL	Equity Grant	830,000
11	Chetpet vegetables FPCL	Equity Grant	300,000
12	Virudhai Cashew FPCL	Equity Grant	448,000
13	Thirukaameswarar Hitech Agro FPCL	Equity Grant	400,000
14	Thiruporur Women FPCL	Equity Grant	500,000

Credit Linkages Facilitated by NAF

Sno	Name of the FPCL	Purpose of the loan	Amount Availed in INR
1	Thirukkameswarar FPCL	Working capital	3,000,000
2	Mannuyir FPCL	Mezzanine Capital Assistance	1,000,000
3	Thiruporur FPCL	Working capital	500,000
4	Kandachipuram FPCL	Mezzanine Capital Assistance	1,000,000
5	Kurunjipadi Arivai Women FPCL	Working capital	500,000
6	Mohammadabad Pragatisheel FPCL	Working capital	500,000
7	Kaimganj FPCL	Working capital	500,000
8	Cholapur Kalyan FPCL	Working capital	200,000
9	Ganga varuna FPCL	Working capital	500,000
10	Y Ramavaram FPCL	Working capital	500,000
11	Adatheegala FPCL	Working capital	500,000
12	Siddhavattam FPCL	Working capital	1,000,000
13	VN Palli FPCL	Working capital	500,000
14	ManavooriNesthalu FPCL	Working capital	500,000
15	Kambleshwar	Working capital	800,000

Details of Phase 2 FPOs

FPOs in Tamil Nadu

- Mannuyir FPCL in Tiruvannamalai DT opened a supermarket and involved in retail marketing, this is being the One stop shop for all farmers in the village community.

FPOs in Andhra Pradesh

- Atreyapuram FPCL has initiated the promotion of organic cultivation of paddy and banana, they have also has started value addition of banana and Paper Sweet (Pootharekulu) with around 9 varieties.
- Abhimanya FPCL have started value addition of Cashew like Cashew Nut Chikki, Palm Jaggery Cashew Nuts laddu, Honey Mixed Dry Fruits, Cashew Apple Syrup, with the brand of "Gangavaram Adivasi" – Abhimanya FPCL has been awarded with 1st price in Aadi Mela out of 286 participants (FPOs & Entities) held at Pragati Maidan, New Delhi by Ministry of Tribal Affairs, Govt. of India.
- Abhimanya FPCL has been empaneled by TRIFED, New Delhi for supply of value-added products to other Govt. agencies in India.
- 100 Honey Bee boxes have been distributed free of cost through KoruTen Ventures Pvt. Limited with a buy back policy to ensure that the farmers get a fair price and market for their produce.

FPOs in Uttar Pradesh

- 6 FPCs have attained 750 shareholders, while two of the FPCs received the final tranche funds of INR 15,00,000 equity fund.
- 8 FPCs have started the business activity. FPCLs have been involved in the value addition of jaggery, vinegar, mustard oil, organic ghee etc.
- Atraulia FPCL has been involved in milk collection, Custom Hiring Center and Agro Input shop and attained the highest turnover of INR 86,50,000

FPOs in Maharashtra

- All FPOs participated in Tarang Mela providing them with an excellent platform for knowledge exchange and marketing opportunities for their products.



Business Activity

25 FPOs

**11832
Shareholders**

**INR 21,913,000
Share Capital**

**INR 51,631,000
Business
Turnover**



CSS for “Formation and Promotion of 10,000 FPOs” Phase –2 –Grants Facilitated by NAF

S No	Name of the FPCL	Purpose of the Grant	Amount Aailed (INR)
1	Egil FPCL	Equity Grant	620,000
2	Vanur FPCL	Equity Grant	600,000
3	Paranthaga Cholan FPCL	Equity Grant	600,000
4	Atrauliya FPCL	Equity Grant	1,500,000
5	Mauni Baba Agro FPCL	Equity Grant	1,500,000
6	Pataleshwar FPCL	Equity Grant	1,500,000
7	Baba Prathamdev FPCL	Equity Grant	1,500,000
8	Tahbarpur FPCL	Equity Grant	1,500,000
9	Kinyandheer Prakartik Krishi FPCL	Equity Grant	1,500,000
10	Bilgram Pragatisheel Agro FPCL	Equity Grant	500,000
11	Madhoganj Agro FPCL	Equity Grant	626,000
12	Pragatisheel Dobhi FPCL	Equity Grant	602,000
13	Kerakat Kalyan FPCL	Equity Grant	604,000

Credit Linkages Facilitated by NAF

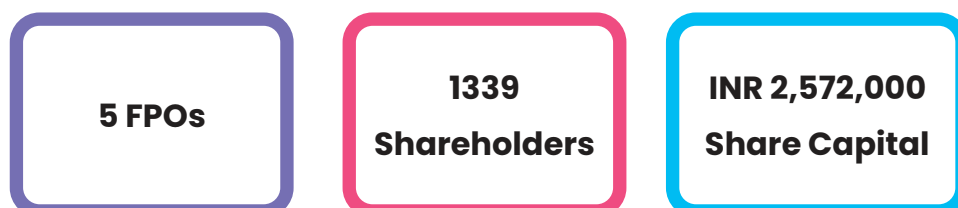
S No	Name of the FPCL	Purpose of the loan	Amount Availed in INR
1	Mauni bab FPCL	Working capital	1,350,000
2	Pataleswar FPCL	Working capital	1,285,000
3	Atraulia FPCL	Working capital	1,350,000
4	Tahbarpur FPCL	Working capital	1,350,000
5	Mannuyir FPCL	Working capital, Mezzanine Capital Assistance	19,00,000

Fisheries FPOs by National Cooperative Development Corporation (NCDC)

NAF has been empanelled as a CBBO to promote fisheries-based FPOs under the Pradhan Mantri Matshya Sampada Yoajan in Andhra Pradesh & Telangana regions through National Cooperative Development Corporation (NCDC) under the Central Sector Component of PMMSY, we have been given 5 districts in AP & Telangana regions. The districts allotted by NCDC are Kurnool, Nandyal & Ananthapur in AP & Vikrabad & Hyderabad in Telangana regions

- Taruni FFPO has started Pickles making and have started selling it to local buyers and have tied up with Lakshmi Vara Prasad Pickles, Hyderabad for supply of 50 Kgs of Prawn and Fish Pickles every 3 Months for one year.
- Exposure visits were conducted for Taruni, Khushi and Nandyal FFPOs to Ramanathapuram-Zafira Sea Foods Industry, where FPO gained knowledge of value addition techniques, packaging strategies, and branding initiatives for fish products and pickles.
- FPOs participated in Training on fish processing, packaging, bio fish culture technology, and fish feed manufacturing at TNAU-NABARD-MABIF

Business Activity





Formation of FFPOs under Pradhan Mantri Matsya Sampada Yojana (PMMSY)

The government of India is focusing on the development of the Fisheries Sector through PMMSY under this scheme National Agro Foundation has been empaneled as a CBBO for the promotion of 50 Fisheries Cooperative Societies in Telangana State through SFAC

FPOs were being supported in training, enhancement of business activities by value addition technologies, Labelling, Packaging of fish products with support for 1.5 years for CBBO & FFPO

Kurinjipadi Women Farmers Producer Organization Supported by CII - Blue Star - NAF

This FPO was formed with exclusively women farmers as shareholders in Kurinjipadi block of Cuddalore district. FPCL is involved in the business activity of Milk collection centre, Value addition of millet, black gram, ragi and cumbu laddu, groundnut oil, traditional rice varieties like mapillai samba, karuupukavuni and thanga samba rice. The FPCLs are also involved in the production of vermicompost and panchakvya

- 19,664 litres of milk have been collected from women share members at the rate of INR 30/litre of milk. They have made an annual turnover of INR 21.55 Lakhs by selling their milk to Ponlait (a cooperative milk society of Pondicherry) on a daily basis.

The milch animal loan of INR 120 Lakhs was availed by the women FIG members, through which 100 members benefited.

- INR 30 Lakhs Business Expansion Grant has been facilitated to the FPO.
- Arivai FPCL has participated in the FPO mela conducted by SBI and were sanctioned a grant of INR 5 lakhs.

FPOs Under Rural Digital Empowerment Project – Supported by Nasscom Foundation

The project aims to foster economic empowerment and financial inclusion among rural women through the acquisition of relevant digital skills.

Simultaneously, the project extends its focus to Farmer Producer Organization's (FPOs), providing participants with a comprehensive overview of FPOs, including their objectives, components, and characteristics. The initiative aims to deepen understanding regarding FPO formation, structure, and functions at various levels, emphasizing statutory compliances under the Company's Act.

Through this training programme, 1060 beneficiaries were trained, 60 members from SHGs and 1000 Board of Directors from the FPOs in Tamilnadu, Andhra Pradesh, Maharashtra and Uttar Pradesh participated and benefitted through these trainings.

Market Linkages Established by NAF

The various business opportunities for FPO were analyzed on the basis of the value chain of major crops cultivated in the region. The consultation with some of the identified stakeholders and progressive farmers for the respective areas and crops was derived. And as a support service renderer to the FPOs, NAF has arranged for a market tie-up agreement, the details are as follows:

IFFCO Direct Dealership

IFFCO Direct dealership for ArulmiguAmmalaiappar FPCL, Tiruvannamalai District under TNIAMP Phase III has been established.

SPIC Direct Dealership cum Buyer Seller Meet

NAF has conducted a SPIC direct dealership cum buyer Seller meet in Southern and Northern region, around 135 participants from 37 FPOs connected with the process of availing SPIC direct dealership, while imparting the knowledge on branding and packaging, products available for the FPOs from Karur Vaysya Bank and the regional buyers like Sivasakthi papad, VN Enterprise (Masala products)

Market linkage with local traders

For the sales of aggregated commodities FPCs have tied-up with the local traders and buyers, so far, they have linked with 25 buyers and transacted Agri commodities up to 1426.9 MT with a value of INR 436.56 Lakhs. Some of the buyers are Fresh fits Pvt Ltd, Shriven Agri Tech, Yazhvendhan Traders, Varalakshmi Sago Companies etc.

TITAN

TITAN has been supporting one of our NAF – FPO Virudhai Cashew Farmer Producer Company Limited for selling Cashews on a monthly basis. As the FPC is handling good quality cashews in the form of raw and fried nuts, regular stalls are being established in the TITAN Corporate Office to promote Cashew sales and the sales are picking up.

ITC

FPOs of Uttar Pradesh have tied up with the ITC for the forward linkage. PragatisheelArajiline FPCL have traded wheat of 15.5 MT for INR 3 lakhs and paddy of 36.5 MT for INR 8.6 lakhs.

Tie-up with KHADI

Khadi Village Industries Commission, a statutory body which promotes and markets cottage industries products has been approached by the organization for the promotion of FPO products

in 500+ outlets in Tamil Nadu. As a first step, FPCL products like ghee, oil and rice have been traded with the Khadi industries.

APEDA registration – Import Export Code

The companies which are well established in value addition and trading are focused and onboarded in APEDA for exporting their commodities. In this line IE (Import Export) code has been applied by 40 FPCL. Thellar FPO one of the successfully running FPCL has been onboarded, which enables them to trade commodities in the export of oils and other edibles produced by the FPO.

Varalakshmi Food Pvt Ltd

Varalakshmi Food Pvt Ltd is one of the food exporters located in Thoraipakkam Chennai. They export the food products to the UK and Europe. NAF has given the 4 products such as edible Oil, jackfruit chocolate, halwa, mango jelly, and paper sweet from AP to the exporter for quality analysis and approval. As a step forward signing the MoU is in the process.

E-platform

E-trading platforms provide farmers with access to a wider market beyond their local area. They can connect with buyers from different regions or even internationally, increasing their potential customer base. Through this E-platform like ONDC and E-Nam FPCs are highly involved.

Global Fair-Trade Certificate

Fairtrade promotes sustainable development and poverty reduction through fairer trade. The purpose of the Fairtrade Standard for Small-scale Producer Organizations is to set the requirements that determine the participation of these organizations in the Fairtrade system. Fairtrade's vision is a world in which all producers can enjoy secure and sustainable livelihoods, fulfil their potential and decide on their future. To fulfil this vision, Fairtrade has identified three long-term goals

TNIAMP Mamallan FPCL, located in Kancheepuram district, has been selected for the Global fair-trade certificate for groundnut commodity by Agro Crops.

- A field visit was conducted, focusing on the selection and enrolment of 100 farmers. However, the target has been fixed for 500 farmers these numbers will be progressively increased in the subsequent years for the Global fair-trade certification.

Fairtrade certification ensures that farmers gain access to international markets and receive fair prices for their products.

Convergence Schemes Facilitated By NAF for FPOs

E-commerce – In Tamil Nadu E-commerce project has been sanctioned for Girivalam FPCL in Tiruvannamalai District and KuinyadheerPrakartik Krishi FPCL in Farukhabad District under the CSS for “Formation and Promotion of 10,000 FPOs” Implemented by NABARD, to market their products through online platforms like Amazon, and Instagram.

Rural Mart – Thellaru and Girivalam FPCL, Tiruvannamalai district availed rural mart; a super market has been opened which will be the hub for the promotion and marketing inter and intra state.

Girivalam Rural Mart was inaugurated by the Dr S V Murugan, Director NAF, Hon. minister E.V. Velu, Minister of Public works, highways and ports and Mr K Pichandi, Deputy Speaker of TN Legislative Assembly, Mr D Baskara Pandiyan, Collector Tiruvannamalai and Mr Vija Nihar, DDM NABARD.

Agriculture Infra Structure Fund Scheme – Chetpet vegetables in Tiruvannamalai district availed sugarcane harvester through the Agri Infrastructure Fund and earned INR 28.25 Lakhs turnover by harvesting 7000 MT of sugarcane

In Andhra Pradesh 4 companies have been sanctioned an agricultural infrastructural fund scheme of INR 12.25 lakhs from the government for the construction of storage facilities, primary processing and value-addition.

Farm Machinery Bank – Chiraigon FPCL, Varanasi District and 3 FPCLs from Azamgarh District have availed Farm Machinery Bank. Machinery like tractor, rotavator, baler etc., will be availed.

Andhra Pradesh Integrated Irrigation Agriculture Transformation Project (APIIATT) – In Abhimanya FPCL of Andhra Pradesh, ITDA has given the sanction of 5 Power Tillers at 90% subsidy and 15 Taiwan sprayers at 90% subsidy, remaining 10% contribution is from the FPO. Also, the FPCL is sanctioned with Mini Transport vehicles and Mini godowns from APIIATT (world bank).

MIDH (Mission for Integrated Development of Horticulture) – Achanta and Penugonda FPCL from Andhra Pradesh has been sanctioned with the collection center for storage facilities, primary processing and value-addition.



Training & Capacity Building Division

National Agro Foundation Centre For Rural Development was established to provide training and capacity building for farmers on technology-based agriculture to transform the direction of Indian agriculture from “production-oriented” to “market-oriented” to establish successful agri businesses across rural areas. We have strived to achieve this, by developing an integrated and innovative rural development model to equip farmers with technology which in turn increases the productivity per unit area. The prime objective is not only to increase the ability of farming community to innovate and adopt new technologies in agriculture but also to ensure continuous improvement in economic, environmental and social performance of the rural community. Training is imparted on “technology-oriented” and “participant-oriented” modes to various stakeholders of agriculture and rural development including farmers, youth, agripreneurs, women, socially excluded members, functionaries of NGOs, water user groups, producer groups, input suppliers, bankers and students among others.

The training division of NAF functions in Centre for Rural Development, Illedu has facility of two training halls, a residential complex that accommodates 55 trainees, an open-air theatre, a well-maintained mess and farm of 2.20 acres that holds low-cost models to high end models to make farmers aware of recent technologies. The training division facilitates training and capacity building programs of all divisions, year-round to build capacities of NAF staffs and farming community through orientation programs, intensive technical programs, sensitisation programs, induction programs etc.

Under Training division of NAF, 78 different training programs were conducted from Apr 2023 to Mar 2024 covering 5669 beneficiaries utilising the training centre facility for 212 days in total. In 78 programs, 60 one day training program and 18 non-residential training programs were conducted.

As a highest record, this year CFRD host 19 volunteerism program with its team covering 3851 volunteers from BNYM and Wells Fargo. Wells Fargo joined hands with NAF for outdoor volunteerism program during this first half of year.

Overview of Training Programs Organized at CFRD

S.No	Division	Particulars	No.of Training days	No of Beneficiaries
1	ACABC	Agri Clinic and Agri Business centre	90	69
2	FPO-Agri Business division	Management and Technical Training to the Governing Bodies of the FPO under Central Sector Scheme for Formation and Promotion of 10 K FPOs	2	75
		Training on Business Management-Arivai FPC	1	18
		FPO - Capacity building trainings -TNIAMP Phase III	6	118
		Thiruporur Women Farmer Producer Company Ltd-Transfer of Technology Training	1	25
		Two Days Residential training programme for the CEO's	2	25
		Telangana Fisheries women FPO exposure visit	1	25
		Training on Learning & Management System portal for FPO CEO's & Accountants	2	30
3	NABARD Watershed division	SHG loan distribution of local watershed	1	50
		Arasur Watershed General body meeting	1	77
		Local watershed General body meeting	1	30
		NABARD Watershed review visit	1	15
4	CSR Watershed division	Training on Climate Smart Agriculture - TCHFL project -Mamandur& Badhur cluster	1	55
		Training on lean farming Technologies - TCHFL Vandavasi watershed (10000ha)	2	60
		L&TTS Neeradharam project Milch animal &Goatery training	3	110
		Sriperumbudur Watershed -SHG livelihood training	1	35
		Exposure training to CFRD - Neeradharam project	1	30
		Exposure visits to CFRD - Pachapalayam watershed, Coimbatore	1	50
		Training on lean farming Technologies - KLA Keerapakkam watershed	1	27
		Refresher training for agri staffs	2	35
		WWL CSR project -Training on GAP-Intensive	1	25
		WWL project social audit	1	10
5	RAWE programmes	Annamalai university student internship programme	15	11
		Internship programme of Govt.Higher School Illedu, Marakkanam and Vepery	17	97
6	Review Meetings	TNIAMP review meeting	8	79
		CSR review meeting	1	15
		Agri Staff review meeting	1	15
		NABARD Watershed review Meeting	1	15
		Telangana FPO review meeting	1	8

S.No	Division	Particulars	No.of Training days	No of Beneficiaries
7	Volunteerism programmes	BNY Mellon Volunteerism programmes	12	3362
		Wells Fargo indoor Volunteerism programme	7	489
8	Other programmes	Fisheries university NSS camp	7	42
		WRD - workshop	1	30
		Ramachandra University Student Visit	1	6
		PI foundation staff refresher training	1	15
		Training on drone technology	1	30
		Government hospital Block level council	1	120
		NASSCOM Training for SHGs	6	60
		NASSCOM Training Visit	1	45
		Training on drone technology and uses	1	50
		SBI Bank & Farmer meet programme	1	35
		Local Watershed farmers meet to NAF Chairman & Scholars from CCS	1	76
		ATMA Farmers Training	1	40
		Apollo project social audit	1	5
		Federal Bank official visit	1	8
		Climate proofing project visit – BIRD Lucknow	1	22
Total			212	5669

ACABC:

NAF is the nodal training institute for conducting ACABC program (Agri Clinic and Agri business Centre) approved by MANAGE and Ministry of Agriculture and Farmers Welfare, GOI. Till date, we have conducted 33 batches covering 1050 candidates who had completed graduation and diploma in agriculture. In this financial year, two batches were completed covering 69 candidates under ACABC program. This year alone, 9 candidates were facilitated by CFRD to avail credit facilities and 6 availed subsidies from NABARD. 532 candidates have ventured into small businesses with support from NAF.

Kisan Drone training: (Training young farmers on Drone Operations)

This year under CFRD Training division, a new agricultural drone was purchased to create awareness to farmers and youths on drone application in agriculture. As a start, 5 young candidates were selected and given training for 11 days at Garuda Aerospace for availing drone pilot licence. They successfully completed drone training and now giving training to farmers and youths about the benefits of drone application in agriculture. Followed by professional training, 30 farmers were given training on drone operation and its application

Capacity building training programs for TNIAMP FPO's:

NAF has conducted 5 training programs covering 13 FPOs in which 199 farmers participated and benefitted knowing good governance, statutory compliances, financial management, business planning etc. NAF has conducted this program from its own funds as the Govt agencies are not providing any basic training on FPCs.

Refresher Training Program for Agri Staff:

NAF had conducted a refresher training program to share knowledge on implementation strategies in accomplishing agriculture components in various projects. All the agri staffs of NAF participated in this 3-day program and gained knowledge through various topics by experts.

Student Intern Trainings:

NAF has conducted 3 student intern training programs. Ramachandra University under its student sharing program brought 15 students including foreign exchange students to CFRD to learn the functioning of NGO. Annamalai University has sent 11 students for 10 days under RAWWE program. Tamilnadu Fisheries University brought 42 students to CFRD to engage them in NSS program.

Other programmes:

An interaction meeting with scholars of Center for Chinese studies with 4 watershed beneficiaries were arranged in CFRD under the leadership of Our Chairman Mr. B.Sivaraman. Farmers and Women beneficiaries shared their valuable insights about watershed project interventions and how it transformed the livelihoods of rural communities and how its impacted positively on increase of ground water table.

State Bank of India has conducted one Farmers outreach program in CFRD where 35 farmers participated and they were given orientation on the loan products available for farmers, insurance schemes, how to reach bank to get credit facilities, subsidy components etc.

Agriculture Technology Management Agency (ATMA) and CFRD jointly organised a training program on "Crop diversification" to address and create awareness to farmers on the increasing climate vagaries and to switch their cropping pattern accordingly. 40 farmers participated and learnt the aspects of crop diversification.

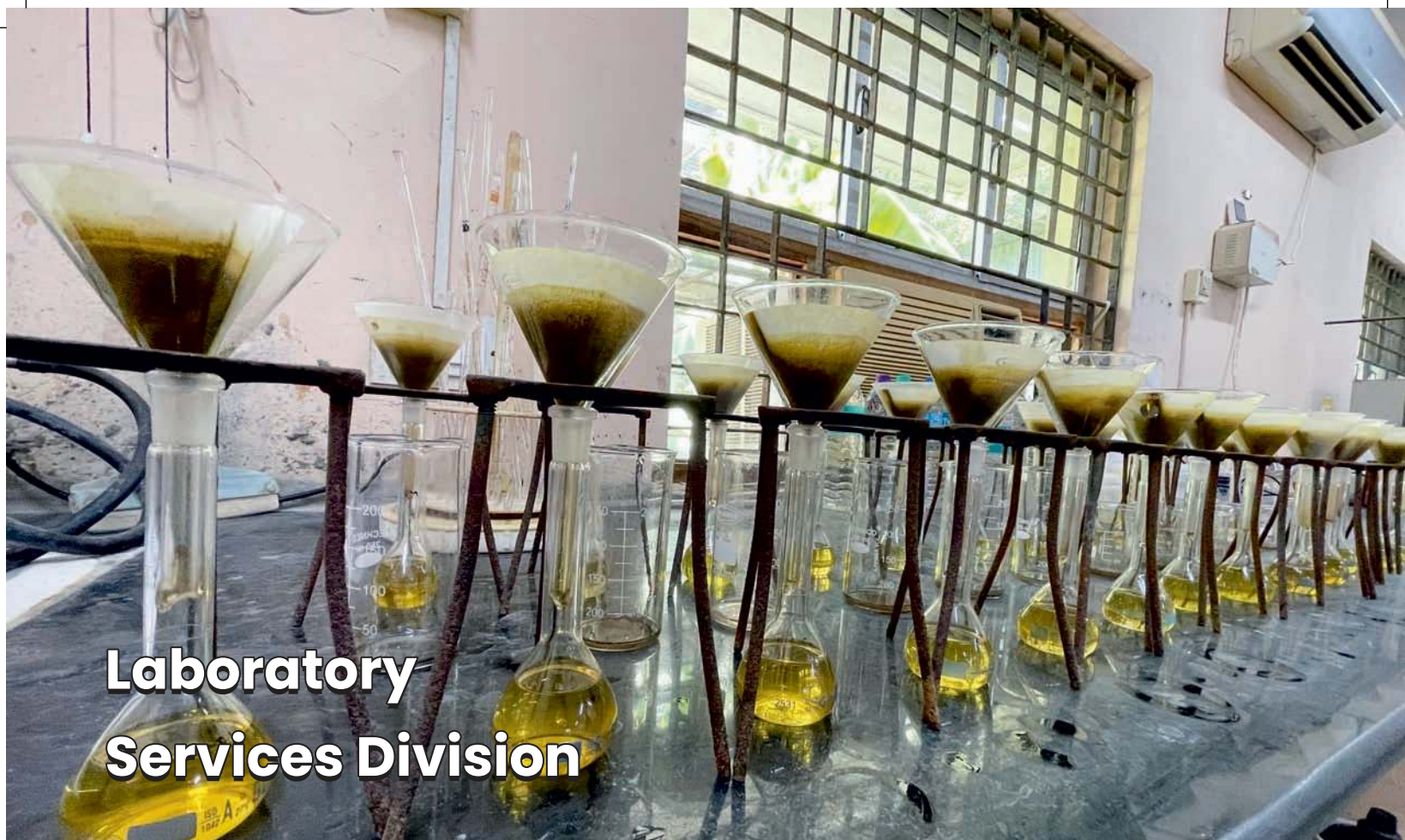
Water Resource Department of Tamilnadu has conducted training program in NAF on Sustainable agriculture practices for water use efficiency to 30 beneficiaries.

An NGO from Mayiladuthurai through Annamalai university visited CFRD as a part of exposure visit to learn the importance of lean farming technologies.

BIRD, Lucknow and CFRD has arranged a field visit to 35 banking officials to learn and expose themselves to real world situation where farmers are struggling to do farming under climate vagaries and how the climate proofing of watershed projects open their minds for take up crop diversification, alternate cropping, climate-based weather advisories etc and this will enhance the funding opportunities for climate finance.

BNYM International Operations India Pvt Limited has supported the establishment of a seed bank for “Preserving genetic diversity through preserved seed genetics”. Ten traditional varieties of Paddy, were raised in one acre through DSR method (direct seeding of rice) which will be harvested in different timelines and the seed bank will be maintained. The following varieties were cultivated in CFRD poongar, thuyamalli, aruvathamkuruva, rathanasali, melagu samba, mysoremalli, karumkuruva, sornamasoori, seeraga samba, Chengalpattu Sirumani.





Laboratory Services Division

The Laboratory Services Division has been widely recognized and is accredited with ISO/IEC 17025:2017 Standard by NABL, a Constituent Board of Quality Council of India. It is actively engaged in providing quality and affordable soil, food, water and organic fertilizers testing services to various stakeholders. It also extends testing and training services to research scholars and students from various departments of basic sciences, agriculture, food science and technology, bio-technology and environmental sciences etc. from different universities and colleges.

Analytical Services

Soil Testing Laboratory:

NAF Soil Testing Lab has been providing comprehensive soil health diagnostic services for agriculture development for the past 24 years.

- 1428 soil samples, 164 water samples, 73 organic fertilizer samples and 1950 other samples (Metals, fertilizer, leaf, soil for texture etc.) have been tested.
- Apart from Tamil Nadu, soil and other samples from other states – Maharashtra, New Delhi, Puducherry, Kerala, Karnataka, Andhra Pradesh, Telangana, Haryana and Uttar Pradesh were tested during this period.
- Out of 1428 soil samples, 765 soil samples were from various CSR projects, 50 soil samples from Soil Mapping Project, 97 samples from BNY Mellon Pershing Soil Health Card Project and 516 Soil samples for other customers were tested during the current year.



Food Testing Laboratory:

National Agro Foundation, Food Testing Laboratory was conceptualized and started to provide analytical services to the small and medium scale food industries; help in providing quality to the consumers and raising the general standards of quality particularly in the small-scale sector.

- 242 food samples and 18 samples for instrumental analysis was analyzed.



Academic Services:

Anna University – Adjunct Lab: Instrumental analysis practical sessions were conducted for 40 students of B.Tech Food Technology at NAF Food Testing Lab.

Trainings/Internships/Projects in NAF Soil Testing Laboratory:

- 10 students from Mohammad Sathak College of Arts and Science, (M.Sc., Microbiology) are currently pursuing their final year project at NAF from Feb – March, 2024.
- 1 student from RKMVERI, West Bengal (M.Sc., Ag. Environmental Science) is currently carrying out his dissertation work from March to May, 2024.
- 13 students, from SRM University, (B.Sc., Hons. Agriculture) carried out their Internship during Feb 2024.
- 6 students from Dhanalakshmi Srinivasan Engineering College, (B.Sc., Agriculture) carried out their Internship at NAF during June and November, 2023.
- 2 students from AVS College of Technology, (B.Sc., Agriculture) carried out their Internship during Dec, 2023.
- 2 students from Karunya University, (B.Sc., Hons. Agriculture) carried out their Internship during Oct, 2023.
- students from SRM University carried out their Internship during Feb 2024.



Trainings/Internships/Projects in NAF Food Testing Laboratory:

- 1 student from Ramachandra Institute of higher Education and Research, (Ph.D Food Nanotechnology) currently pursuing final year research at NAF from July 2023– Jan 2024).

- 3 students from Rajalakshmi Engineering College, (B. Tech Biotechnology) carried out their Internship at NAF during May 2023.
- 1 student from Ayya Nadar Janaki Ammal College carried out their Internship during June 2023.
- 13 students from Gandhigram Rural Institute (B.Sc., Food Science & Nutrition) carried out their Internship at NAF during June 2023.
- 1 student from VIT carried out their Internship during June 2023.

Training Services:

NAF – FoSTaCEmpaneled Training Partner:

- National Agro Foundation is empaneled as Training Partner (TP) for Food Safety Training and Certification (FOSTAC) by FSSAI since 2018.
- 36 FoSTaC FSS manufacturing, catering, retail, distribution and storage;transporttraining programs were conducted for various companies and colleges covering 1301 candidates during the current year.

Reliance Retail – Corporate Training:

- 28 FoSTaC FSS training programs on advance retail and distribution were conducted at Tamil Nadu, Andhra Pradesh, Kerala, Odisha and Karnataka during July 2023 to September 2023. Overall, 846 trainees were trained as Food Safety Supervisors totally this year.

Project Support:

NAF – BNY Mellon Food Safety Project (IG):

- 23 FPOs in seven districts of Tamil Nadu were given advisory on improvement in sanitation and hygiene aspects of their food production premises by NAF technical team of experts.
- Food samples were also collected from the FPOs to assess their quality and insights were given by NAF Experts for quality improvement to better sales of the product.

BNY Mellon Food Safety Project:

- Three FoSTaC FSS training programs on street food vending and basic catering were conducted at Coimbatore during November 2023. A total of 115 food business operators were trained as food safety supervisors.

NAF – Pershing Soil Health Card Project:

- Under BNY Mellon Pershing India CSR Support, NAF is implementing a project to support the FPOs farmers on “Assessment of soil health status and distribution of soil health cards”.
- 12 FPOs in eleven districts of Tamil Nadu have availed of these services and 97 soil samples were collected for comprehensive soil health analysis. The soil health cards with recommendations have been provided to the FPOs for further action with guidance from NAF team of experts.





Research and Development Division

The R&D Division strives to keep abreast of the latest dynamics in the development sector and propels scientific research in fields of food, agriculture and environment, thereby contributing to the knowledge domain as well as pioneering the dissemination of this knowledge in palatable form to the drivers of development across the country. Of the many functions, that the division plays, its core being able to translate scientific know-how into practical and functional inputs for the farmers, thereby, being able to customize best farming practices, encapsulate best agri technologies for progressive farmers, promote technology update and motivate behaviour change through impactful learning methodologies. It also undertakes field-oriented research projects on soil health, integrated remediation of contaminated soil using Phyto-technologies, climate smart agriculture, new food product development etc.

Research Projects undertaken at NAF:

Environment and Agriculture:

- **Mitigation of entry of heavy metals into the food chain project:** As an efficient and low-cost adsorbent, biochar has attracted extensive attention and research in the field of heavy metal pollution water and soil treatment due to its superiority in heavy metal adsorption. Hence, three types of biochar such as coconut shell, rice husk and wood biochar were collected and characterized. The adsorption/ desorption study with respect to different biochar as well as heavy metals such as Ni, Cd, Cr, Pb has been completed. Incubation study to assess the chemical transformation of heavy metal contaminated soil with different biochar study has also been completed. Factors affecting the interaction between biochar and the heavy metals are being studied. Study of mechanism involved in adsorption of heavy metals by biochar is under progress and the manuscript is under preparation.

- **Nutritional Profiling of Traditional Rice Varieties of Tamil Nadu:** This project aims at profiling of nutritional composition of different traditional rice varieties and providing a comprehensive data on nutritional composition, vitamins, determination of amylose content, quantification of bioactive compounds, and estimation of antioxidant activity. Traditional rice is rich in nutrients and bioactive compounds to protect against lifestyle disorders including diabetes, obesity and hypertension and so on. So far, a set of 37 varieties were procured directly from farmers from 11 districts of Tamil Nadu and were analyzed for nutritional composition, bioactive compounds including polyphenols, flavonoids, vitamins including vitamins B1, B2 and A; amylose content and antioxidant activity. More varieties are to be procured from farmers from other districts of Tamil Nadu for further studies.

New Food Product Development:

- **Effect of aloe vera and vegetable edible coating containing coleus amboinicus extract on quality and stability of high value fruits under appropriate storage conditions:** The main objective is to develop an edible coating containing aloe vera solution and vegetable gelatin with coleus amboinicus (Karpooravalli) leaf extract as the bioactive component. The high medicinal value and the antimicrobial properties of the Coleus amboinicus (Karpooravalli) leaf will aid in increasing the post-harvest life of fruits and vegetables. Coating of high value fruits such as plums, avocados etc. using the developed edible coating solution of known concentration and study their properties for a specific period of time under appropriate conditions

Patent Application

- NAF has filed for a patent for the development of cow urine pellets with different bio amendments during September 2023 and it has passed the first stage of the application process.

Publications

- Sinduja Murugaiyan, Sathya Velusamy, M Maheswari, G K Dinesh, Shiv Prasad, P Kalpana (March – 2023) Groundwater quality assessment for agricultural purposes at Vellore District of Southern India: A geospatial based study published in Urban Climate 47 (101).
- Kirthana R, Varsha R, Bhuvaneswari S, Murugaiyan Sinduja, Palani Kalpana (February- 2024) Comparative analysis of biochar with co-composting of organic manure got published in International Journal of Environmental Chemistry 1(09).
- Sinduja Murugaiyan, Sathya Velusamy, M Maheswari, P Kalpana, Ramasubramaniyan, M. R “A critical assessment of the effect of soil pH and soil organic carbon on nickel bio-

availability in bio-amended soil”- got accepted in International Journal of Environmental Studies in January 2024

Publications in the pipeline:

- P. Kalpana, M. Sinduja, V. Sathya; Critical Review on Microplastic Contamination in Soil Environment – submitted to Environmental Technology Reviews– Taylor & Francis.
- Bhuvaneswari S, Kirthana R, Varsha K, Sakthiselvan P, Murugaiyan Sinduja, Palani Kalpana (2023). A Comparative study of Phytoremediation of Chromium in Soil using Brassica juncea and Vigna radiata – submitted to Bio Interface Research in Applied Chemistry.
- R Varsha, Bhuvaneswari S, Kirthana K, Murugaiyan Sinduja, Palani Kalpana (2023). Removal of Microplastics using density–floatation method and analysis of effects of Microplastics on the growth of plants for the application in Agriculture – submitted to International Journal of Environment and Pollution.

Book Chapters Published

- Karthika, P., Dinesh, G. K., Sathya, V., Karthika, S., Sinduja, M., Kiruthiga, S., & Soni, R. (Feb–2023). Current Scenario on Conventional and Modern Approaches towards Eco-friendly Electronic Waste Management. In Microbial Technology for Sustainable E-waste Management (pp. 1–44). Springer International Publishing.
- Intensification of pollution and its impact on avian communities and migratory birds (March–2023) Sinduja, Dr. V. Sathya, Dr. P. Kalpana, Dr. M. Maheswari, Dr. K. Boomiraj published in An Anthology of Agricultural Research.
- Role of Microbiota in sustainable degradation of organic waste and its utilization in agricultural industry. M. Sinduja, Ezra John, R. Suganthi, S. Ragul, B. Balaganesh, K. Mathiyarasi, P. Kalpana, V. Sathya (March–2023) published in Springer publication.
- Biodegradable Polymer Coated Urea Fertilizers to Enhance the Nitrogen Use Efficiency in Maize. M. Sinduja B. Balaganesh, S. Murali (April–2023) published in JPS Scientific Publication.
- Microbial Degradation of Personal Care Products (PPCPS) Pollutants in the Environment. M. Sinduja, K. Mathiyarasi, S. Ragul, B. Balaganesh, P. Kalpana, V. Sathya and K. Boomiraj. Published in JPS Scientific publication (June–2023).

Book chapters to be published

- Chapter: Vermicompost: A role in soil nutritional status and crop yield. S. Ragul, M. Sinduja, S. Elakkiya, P. Kalpana, B.S.R. Niivedidhaa, R. Sowmiya, Mathiyarasi. K, B. Balaganesh, R. Raveena. Accepted in Frontiers for Sustainable Agriculture (2023).

- Chapter: Role of microbes and microbiomes in natural resource management, through regulation of biogeochemical process and nutrients cycling (NPKS). M Sinduja, V Sathya, G K Dinesh, P. Kalpana, Ezra John, R. Accepted in Bentham Science For the book, "Role of microbes and microbiomes for ecosystem restoration" (2023).
- Chapter: Impact of Climate Change on Sugarcane: Mitigation and Adaptation Strategies. G K Dinesh, M. Sinduja, P. Kalpana, Keerthana Sri, V Sathya, L Meena, Shiv prasad. Submitted in Apple Academic Press. (2023).

Participation in Conferences/ Workshops

- Dr.M. Sinduja Participated in National Workshop on Microplastic Research, IIT Research Park Madras on 1&2 March,2024.
- Dr.M. Sinduja and Ms.S.Akila Participated and secured Best presentation awards in 2nd International Conference on Higher Educational Institutes, SRM University on Dec 28 & 29 2023).
- Dr.M. Sinduja, Ms S. Akila and Ms. Sivapriya participated in Seminar on Career avenues in Plant Biology held at Ethiraj College, Egmore on Feb, 19, 2024.
- Sivapriya attended National Conference on Millet processing, value addition and food sustainability in SRM University, Kattankulathur during Oct, 18 & 19, 2023.
- Dr.M. Sinduja and Ms. Akila.S Participated & secured Best presentation awards in 1st international Conference on Modern Technologies for sustainable Agriculture and global Food Security – held at Pushkaram College of Agricultural Science (Sept, 9, 2023).

NAF Participation in National and State Level Expos

- Agri Tech Expo 2023: NAF participated in Agri Tech Expo 2023 held at Chennai trade Centre, Nandambakkam on 8 & 9 July, 2023. Our stall showcased various analytical and consultancy services offered by our organization such as soil, water, organic fertilizer and food testing and agriculture consulting services; and research and development projects etc.
- BN YM Mega Volunteerism Program 2023: Participated and demonstrated various analytical tests and consultancy services offered by our organization such as soil, water, organic fertilizer and food testing and agriculture consulting services; and research and development projects in the Volunteerism Program held at Nallur Village on 7th Oct, 2023.
- Glo Green Expo 2023: NAF Soil Testing Lab team participated in the Green Expo organized by SBOA School on 28 & 29 Nov, 2023 and explained about various services offered by lab to the farming community.

Preserving the future: Restoring Agriculture through Waterbody Rejuvenation

In a remarkable turnaround story, Mr. Pazhanivel, a farmer from the village of Kattiyan Kuppam, has witnessed a transformation that has revitalized not just his farm but the entire community. Living with his family of four, he was previously constrained by the dire water scarcity in the region. The Manakollai lake, which was the primary source of water for agriculture and drinking purposes, had completely dried up. This severe shortage meant that despite owning 4 acres of land, he could only cultivate a portion of it, managing to earn a modest income of around 40,000 every three months

The situation took a positive turn following the intervention by the National Agro Foundation (NAF) and the Asian Paints Ltd. (APL), who spearheaded the rejuvenation of the lake. Around 36000 KI of additional water harvest potential was created. Their efforts have not only restored the lake to its former glory but also ensured a reliable source of water for the agricultural and livestock needs of the community.



After the lake's revival, Mr. Pazhanivel, along with other farmers in the area, has seen a significant improvement in agricultural productivity. The consistent water supply means that they can now fully utilize their lands, leading to a steady income of Rs. 40,000 every three months, similar to Pazhanivel's earnings. Moreover, the availability of water has greatly benefitted the livestock, which previously consumed time in travelling a long distance for water.



The collaborative effort of the Asian Paints Ltd. (APL) and National Agro Foundation (NAF) in rejuvenating the local lake has been a game-changer for Pazhanivel and the entire village. The restoration of the lake has not only addressed the pressing issue of water scarcity but has also unlocked new opportunities for the community. This remarkable turnaround story serves as an inspiring example of how targeted

interventions can transform communities and improve the lives of people, particularly in regions facing environmental challenges.

Mr. Thangavel was also a farmer living in the same locality with his family of five. In his heart, the lake once stood as a testament to environmental neglect, its parched bed a stark reminder of the challenges faced by the local farmers. With only 3 acres at his disposal, Mr. Thangavel struggled to make ends meet, his livelihood severely hampered by the lake's dire condition. The scarcity of water not only affected his agricultural output but also placed a strain on his family's daily life, echoing the hardships faced by the entire community.

The transformation of Manakollai Lake was a turning point, marking the beginning of a new chapter of hope. For Mr. Thangavel, the impact was profound. The revival of the lake meant that he could now fully utilize his 3 acres, leading to increased agricultural productivity and, consequently, a more stable income for his family. The availability of water transformed not just his farm but also his outlook on the future, providing a sense of security.

The story of Manakollai Lake, as told by Mr. Thangavel, is a witness to the power of collective action and the indomitable spirit of the farming community. It highlights the importance of sustainable environmental practices and the positive impact they can have on individual lives and communities as a whole.



The transformation of the Mahadevimangalam village pond is a remarkable testament to the power of collaborative efforts in addressing water scar

city and enhancing agricultural sustainability. Previously engulfed by weeds and bushes, this critical waterbody was virtually inaccessible and offered minimal utility for the community's agricultural needs. The dire situation left the village heavily reliant on unpredictable rainfall patterns, exacerbating their struggle with water scarcity, particularly during the arduous summer months. This scarcity not only affected their agricultural activities but also forced the community to travel long distances to meet their domestic water requirements.

The collaborative efforts of the National Agro Foundation and Asian Paints have breathed new life into the pond. Through their intervention, the pond underwent an extensive rejuvenation process, transforming it from a neglected and underutilized resource into a vital water reservoir. This revitalized pond now stands as a beacon of hope for the village, providing a reliable source of water for irrigation, thereby bolstering agricultural productivity and ensuring water availability for cattle.

More importantly, the transformation has mitigated the challenges posed by summer water scarcity, ensuring the community has access to a consistent and dependable water supply for their domestic needs. This development has fundamentally altered the villagers' livelihoods, allowing them to sustain their crops and livestock with greater certainty and less hardship.

The villagers express their heartfelt gratitude to Asian Paints Limited and the National Agro Foundation for their intervention, which has provided them with a lifeline during times of water scarcity. The successful revival of the Mahadevimangalam Village Pond stands as evidence to the power of collaboration and the positive impact it can have on the lives of rural communities.

In the small village of Mahadevimangalam, the life of Ms. Muniammal and her family of five has been transformed by the rejuvenation of the village pond. Her husband is a farmer, and she supplements the family's income through cattle rearing. Before the pond rejuvenation, the village faced severe water scarcity. The pond was dry and polluted, forcing villagers, including her to travel long distances to fetch water. This situation posed a significant challenge, particularly for providing water to the cattle.

However, the joint efforts of the Asian Paints Ltd. (APL) and National Agro Foundation (NAF), the village pond underwent a remarkable transformation. The rejuvenation process involved cleaning and restoring the pond, ensuring a reliable source of clean water for the community. The impact of this initiative has been far-reaching. The availability of clean water has significantly improved the lives of Ms. Muniammal and her fellow villagers. The increased water levels have replenished the groundwater benefiting agriculture and providing ample water for household and livestock needs.

The rejuvenated pond has directly contributed to increased agricultural productivity. Before the intervention, they could harvest only 25 bags per acre through Paddy cultivation. However, with improved water availability, their yield has increased to 30 bags per acre, a substantial increase of 20 % in their agricultural output. By addressing the critical issue of water scarcity, the rejuvenation of the village pond has not only provided clean water but also boosted agricultural productivity, leading to improved livelihoods and overall well-being for families.



In the quaint village of Tiruvenkaranai lived Ms. Santhi Babu, a homemaker with a vision. Her family included her husband, a hardworking mason, and their ten-year-old son, led a life marked by financial challenges. Despite the relentless efforts of her husband, who earned a modest income of INR 10,000 from construction sites, the family found it difficult to meet their basic needs. Santhi, a woman of determination and resilience, aspired to contribute to her family's income and ensure a brighter future for her son.



With the establishment of Self-Help Groups (SHGs) in her village, a commendable initiative by Asian Paints Ltd. and National Agro Foundation. Recognizing the opportunity, Santhi joined one of these groups, embarking on a journey towards financial empowerment and self-reliance. With the guidance and support of NAF, she secured a small loan and, combining it with her husband's savings of INR 30,000, ventured into fish rearing in the village lake near to her house.

Under the expert advice of the National Agro Foundation, Santhi and her husband, Rajesh, began the meticulous process of fish farming. They stocked the lake with a variety of fish and dedicated themselves to learning and implementing best practices in fish rearing. Santhi took the lead in managing the day-to-day aspects of the venture, from maintaining optimal water quality to ensuring the fish were well-nourished and disease-free. Her husband, in addition to his job, contributed during evenings and holidays, helping to maintain the lake and support the wellbeing of their aquatic charges. The initial months were fraught with challenges, yet her perseverance and the couple's combined efforts gradually bore fruit. Within eight months, they were able to harvest their first batch of fish, weighing approximately 1.5 quintals. The quality of their produce was exceptional, earning them a reputation and a ready market within the local community.

The success of her venture stands as a testament to the power of determination, hard work, and the support of community-focused initiatives. Today, Santhi and her family enjoy a steady source of income, offering them a sense of security and the promise of a brighter future.

Mr. Raghupathi hails from Ootla village in Jinnaram mandal of Sangareddy district. He owns a small plot of land and engages in agriculture from a very young age. He cultivates Paddy as his primary crop. Front line demonstration on Paddy was done following Lean farming technologies. One acre of land was selected as control plot and demo plot each. Paddy variety Super Aman was cultivated in both the plots.

The implementation of the Front-Line Demonstration (FLD) has instilled in him a great deal of confidence in cultivating crops efficiently. In the past, there was a lack of awareness regarding soil health, resulting in excessive water usage, as well as the indiscriminate use of fertilizers and pesticides. The conventional methods employed by him and his fellow farmers led to significant seedling wastage.

The Demo farmers practiced Lean farm technologies in the demonstration plot, while adhering to the conventional method in the control plot. Prior to engaging in the FLD, soil testing was conducted, and the inputs were utilized according to the recommendations provided in the soil health card. A comparison between the demonstration and control plots revealed differences in terms of grain yield, no. of tillers, and leaf growth. To address pest control, simple techniques such as Solar light traps, pheromone traps, bird perches, and sticky traps were employed in the field, resulting in effective pest management within the cultivated areas. He was given knowledge on minimising the no. of seedlings required, inputs, etc. and increasing the growth of root and tillers. He also noticed that there is higher panicle weight, less water consumption and reduced pest and disease attacks in the demo plot.

Due to the use of Lean farming practices in the demo field, an increase in yield was observed from 2320 kgs to 2680 kgs without compromising the quality of the crop. Consequently, a net profit increase of 25% was witnessed. Consequently, He recommended that these practices be adopted and followed by other fellow farmers to enhance their productivity and profitability. With the funding support from Asian Paints Ltd and expertise guidance from National Agro Foundation, he has now become a leading farmer in teaching lean farming techniques to other farmers and replicating the same in their fields.



Mr. Raju, hailing from Sharekhanpally village in Sangareddy District at Telengana state is the bread winner of a small family. His main source of income is through the farm land that he possesses in his village. The water bodies in Raju's village, mainly Bushavani tanks, became quite shallow over time. Their original potential for water storage had significantly diminished due to lack of proper maintenance. Unfortunately, no de-silting or deepening activities was carried out for the past decade.

In this situation, the Bushavani tank was rejuvenated by Asian Paints Ltd with the water holding capacity of 5589 KL. However, with the recent increase in groundwater recharge, they have started to meet out the irrigation needs of the area. The de-silting and deepening of the water bodies, along with the reinforcement of their embankments, have significantly improved their water storage capacity. This development has proven to be highly beneficial for all the villagers and farmers in the region. The outcome of the waterbody work has resulted in an improvement in storage capacity and prolonged water availability for upto 6-7 months. As a result, 20 families and 25 acres of land were directly benefited.

The increased storage capacity allows for the collection of runoff water, which in turn recharges the bore wells. This has led to an increase of approximately 10 feet in the groundwater level. The availability of this water has proven to be beneficial for their cattle, small ruminants, and agricultural purposes.



In the serene village of Muddhalli in the Mysore-Nanjangud district, a transformative project named Water Resources Development Project unfolded, bringing hope and prosperity to the lives of farmers like Mr. Mahesh.

The driving force behind this success story was the visionary support of Capri Global Capital Limited, the funding partner, and the hands-on implementation expertise of National Agro Foundation.

Mr. Mahesh, a 38-year-old farmer, became the face of change in his community. With a small family of five and a modest land holding, he primarily relied on agriculture and the maintenance of four cows for his livelihood. His field was strategically cultivated with 1 acre dedicated to bananas, 0.5 acre for tomatoes, 0.5 acre for green chilies, and an additional 0.5 acres for fodder, summing up to a total of 2.5 acres of productive land.

The project, with a keen focus on water management, proved to be a game-changer for Mr. Mahesh and his fellow farmers. The standing crops of tomatoes, bananas, and green chilies flourished, thanks to the improved water resources. The pond created under the project had a command area spanning 50 acres, benefiting not only

Mr. Mahesh but also numerous other farmers in the vicinity. The crops in the command area included a variety of vegetables, and horticulture crops such as coconuts, and bananas.

Furthermore, the project brought relief to 120 cattle in the region, as the improved water supply enhanced their well-being. Prior to the Water Resources Development Project intervention, the seven borewells near the pond had insufficient water, with depths reaching up to 500 feet. However, after the project was implemented, there was a significant improvement. The water level underground now stands at 350 feet even during the dry summer months. The projections for the monsoon season estimate a further increase, reaching up to 100 ft of available water. This drastic improvement has not only secured the water supply for the existing crops but has also allowed for the cultivation of additional crops, contributing to the economic prosperity of the region.

A total of 150 families found their lives positively impacted, breaking free from the shackles of water scarcity and reaping the benefits of sustainable agriculture.

Mr. Mahesh, once struggling with limited resources, is now a beacon of success in his community. This success story not only transformed the lives of individual farmers but also showcased the power of strategic partnerships and sustainable development in creating a ripple effect of positive change in rural landscapes.



Atreyapuram Farmer producer company limited located in Konaseema district of Andhra Pradesh, was established with the vision to enhance the livelihoods of banana farmers in the region. Recognizing the potential of banana cultivation and value addition, the FPO embarked on a journey to empower its members and create sustainable agricultural practices. Atreyapuram FPO, a 1.2-year-old company incorporated on 10 Jan 2023, has a paid-up capital of ₹9,00,000.00. It covers around 10 villages in the block. The Company has 400 farmers as its shareholders with a share capital of ₹ 4.50 Lakhs with ₹1500 as their share amount. It includes 120 women farmers as its shareholder.

Business Activity:

Atreyapuram FPO has become famous for its delicious Paper Sweets, which is loved by the people for their amazing taste. They've also expanded their dishes to include a variety of paper sweets, each with its own unique flavor and texture. These sweets are carefully made using traditional methods and high-quality ingredients purchased from FIG members. From traditional Sweets like Kaju katli, Coconut burfi and Badam burfi to innovative treats like fruit-flavoured petha was produced and sold by the FPO. Atreyapuram's paper sweets cater to different tastes and occasions among the surrounding region. Banana candy is particularly popular for its naturally sweet taste, creamy texture, and wonderful smell. It provides a tasty alternative to regular candies and desserts, showcasing the natural goodness of bananas in a convenient and easy-to-carry form. With these businesses, the company has achieved a turnover of 15 lakhs. Additionally, 150 farmers were directly benefited from the production of Paper Sweets and Banana Candy.

Involvement of Female Farmers in the FPO:

In Atreyapuram, female farmers play a vital role in the production of paper sweets, infusing their expertise and dedication into every aspect of the process. With a rich tradition of craftsmanship passed down through generations, these women bring a unique blend of skill and creativity to the art of making paper sweets.

Moreover, the involvement of female farmers in paper sweet production provides them with valuable opportunities for economic empowerment and skill development. By actively participating in the business activities of their community, these women contribute to the growth and sustainability of Atreyapuram's confectionery industry while also enhancing their own livelihoods.

Participation in TARANG Conducted by NABARD & SFAC:

"TARANG", an exclusive mela for FPOs organised by NABARD to showcase and sell their products. Participating in "TARANG" offered a valuable opportunity to highlight its successful ventures, particularly its involvement in the confectionery industry, including the production of banana candy and various types of paper sweets. Through this they have got many wide market opportunities from all over India. As a token of success, Atreyapuram FPO has signed an MOU with Sri Srinivasa Foods, Delhi and delivered their first batch of 150 boxes of Paper Sweets worth of Rs. 35,000.



Background:

Girivalam Farmer Producer Company Limited is incorporated under the Sub-section (2) of Section 7 of the Companies Act, 2013 and Rule 18 of the Companies (Incorporation) Rules, 2014, on 12th July 2021. The Company has enrolled 750 share members with an authorised share capital Rs 45,000,00 and a paid-up capital is Rs 26,46,000. The operational area of the Company covers 1 block and 8 village of Thiruvannamalai District in Tamil Nadu. This company is promoted through the funding of National Bank for Agriculture and Rural Development (NABARD) and the technical support from National Agro Foundation (NAF) as a Cluster Based Business Organization.

Business activity:

FPCL has been involved in the business activity of Aggregation of Black gram, Groundnut, Value addition of groundnut into oil and running an Agro Input Shop. FPCL made turnover of Rs. 1,17,79,000.

Interventions:

Girivalam FPCL conducted a medical camp benefiting 100 local members, demonstrating its commitment to community welfare.

Profits were distributed among 48 farmers who was involved in the procurement of black gram procurement during the last year, enhancing their financial well-being.

The FPO successfully linked with Ramanashramam at Tiruvannamalai DT for the sales of vegetables regularly. This collaboration has resulted in a substantial monthly turnover of INR 4 lakhs on average.

Achievements:

- Opened a Super Market exclusively for the FPO products. "Rural Mart" was inaugurated by the, Hon. Minister E.V. Velu (Minister of Public Works, highways and Ports) and Mr K Pichandi, (Deputy Speaker of TN Legislative Assembly), Mr D Baskara Pandiyan, (District Collector Tiruvannamalai) and Mr Vijay Neehar (DDM NABARD), Dr S V Murugan (Director, National Agro Foundation).
- Onboarding on E-commerce project, has been sanctioned to the FPCL
- Applied for Credit Guarantee Fund scheme
- Availed Value addition unit through PMFME scheme

Credit availed:

INR 10,00,000 – MCA – NABKISAN

INR 30,00,000 – Working capital Loan – Sanctioned from NABKISAN

Social Impact:

- Conducted Medical Camp for the farmers and created awareness among the farming community.
- Certified Black gram seed has been sold to the farmers for organic cultivation.

Way forward:

Capacity Building to the BoDs & Shareholders: Continued training and capacity-building programs for FPO members will ensure effective management.

Market Diversification: Exploring and expanding markets beyond the immediate region can enhance the sustainability of the FPO's initiatives.

Financial Sustainability: Developing a sustainable business model and exploring additional funding sources or income-generating activities will be crucial for the FPO's long-term financial viability.

Monitoring and Evaluation: Implementing a robust monitoring and evaluation system will help track the impact of interventions, identify areas for improvement, and adapt strategies for continuous success. Regular feedback from the community and stakeholders will be valuable in this regard



Abhimanya FPO was established constituting the farmers from the Gangavaram block in Alluri Seetha Rama Raju district of Andhra Pradesh with the vision of enhancing the livelihoods of cashew farmers in the region. Recognizing the potential of cashew cultivation and value addition, the FPO embarked on a journey to empower its members and create sustainable agricultural practices. The Company has 500 farmers as its shareholders with a share capital of INR 5.14 Lakhs with INR 1500 as their share amount. Most of the shareholders belongs to scheduled caste community which includes 220 women shareholders as well.

Business Activity & Products of FPO:

Abhimanya FPO is mainly involved in the collection and sales of Cashew and its Various Value-Added products like Cashew Apple Syrup, Jaggery Cashew Chikki, Palm Jaggery Cashew Laddu, Mixed Dry fruits with Honey) and runs an Agri input shop, which provides both backward and forward linkage to the farmers of the region.

Involvement of Female Farmers in the FPO:

The women FIG Group within our FPO have spearheaded a remarkable initiative in the realm of value addition to cashew products. With ingenuity and dedication, they have transformed raw cashew nuts into a diverse array of high-value products, showcasing the true essence of local craftsmanship. From cashew nuts to flavorful value-added products and innovative cashew-based confectionaries, their creations embody a perfect blend of tradition and innovation.



Market Linkages:

Abhimanya FPO has emerged as a beacon of success in establishing robust market linkages for both cashew nuts and value-added products. The FPO has forged strong partnerships with various stakeholders in the agricultural value chain.



Feathering Success: Ms. Sundari's Triumph in Poultry Farming

Ms. A. Sundari from Palaiyamkottai village in Cuddalore district had only limited land area. She was a home maker taking care of the family and facing constraints to meet out the day-to-day needs. In response to this challenge, the National Bank for Agriculture and Rural Development (NABARD) and the National Agro Foundation intervened, providing her with chance to do poultry farming in the limited area available. She was provided with a proper training on Poultry farming and 20 native variety chicks to create an additional income source for her.

The success of Sundari's new venture became evident as she managed to sell 10 chickens for INR 3000 and eggs at INR 10 each. She was able to sell the eggs regularly to the villagers. In order to increase the number of Chickens, she let it for brooding. This not only augmented the family income but also added nutritional value to their daily food intake. Encouraged by these positive outcomes, Sundari now envisions transforming her poultry farming initiative into a micro-enterprise, aiming to provide sustained support for her family.

The assistance from NABARD and the National Agro Foundation has not only alleviated Sundari's financial challenges but has also paved the way for entrepreneurial opportunities, promising a more secure and prosperous future for her.



Transformative Power of Knowledge:
Transforming Unproductive Land into a Thriving Orchard

In the small village of Pulleri in Chengelpet district, Mr. Devaraj, a hardworking farmer faced a significant challenge. Despite owning ancestral land, he found that much of it remained unproductive for three long years due to lack of resources and knowledge. However, everything changed when he discovered the agricultural schemes offered by NABARD (National Bank for Agriculture and Rural Development) and National Agro Foundation.



Seizing the opportunity, he took the support provided for agro-horticulture and agro-forestry plantations. He received 12 sapodilla saplings, 50 teak saplings, and 200 red sandalwood saplings, all of which were carefully planted on his land. With unwavering determination, he tirelessly worked to nurture and care for these young plants. He supplemented his orchards by purchasing additional saplings with his own resources, further expanding the diversity of crops on his land. Within a few years, his hard work and dedication began to bear fruit, literally. The Sapodilla that he had planted started producing an abundance of fresh fruits, providing his family with a diverse range of homegrown produce.

His story serves as a shining example of the transformative power of agricultural schemes and support for small farmers in promoting sustainable livelihoods and improving the well-being of rural communities. By providing access to resources, knowledge, and training, even seemingly unproductive land can be transformed into a thriving orchard, contributing to the prosperity of rural households and communities.



Ms. Kanniyammal Balakrishnan, President, Nallur Village



"My name is Kanniyammal Balakrishnan and I am currently serving as the Panchayat President in Nallur village. Our village is home to approximately 600 families. Recently, at our request, BNY Mellon and National Agro Foundation collaborated to install 100 solar street lights in Nallur Panchayat. These lights have been strategically placed in areas where there is a need for street lighting but no access to electricity. Additionally, 18 solar electric lights were installed in tribal residences that do not have access to electricity. These lights have proven to be extremely useful, especially at night even when there is no power supply. I am immensely grateful to BNY Mellon and National Agro Foundation for providing this wonderful service to our community."

Mr. S. Nivas, Farmer, Nallur Village



"I am S. Nivas, a resident of Nallur village where approximately 150 agricultural families reside. I am writing to express my gratitude for the construction of a canal by BNY Mellon and National Agro Foundation, which has greatly benefited our community. This canal has facilitated the flow of water for irrigation to approximately 350 acres of agricultural land, allowing us farmers to grow crops such as paddy, groundnut, and vegetables. I am truly thankful to National Agro Foundation and BNY Mellon for their efforts in building this irrigation channel and supporting the farming community."

Mr. V. Poorajan, Farmer, Keerapakkam Village



"My name is V. Poorajan and I am a resident of Keerapakkam village. Our village is home to more than 300 families who are primarily engaged in paddy cultivation. Recently, we reached out to KLA Tencor and National Agro Foundation for their support and guidance in implementing lean farming techniques. Ten progressive farmers in our village were selected for the demonstration of this techniques. This intervention included the provision of soil test recommendations, bio-fertilizers, insect repellents, micronutrients, and light traps. This initiative has been incredibly helpful as it has allowed us to learn and implement new agricultural techniques and practices for paddy cultivation. We are confident that these advanced methods will lead to increased profits and reduced chemical inputs in the future. I would like to express my sincere gratitude to KLA Tencor and National Agro Foundation for providing us with this invaluable service and allowing us to take our first step towards sustainable agriculture."

Ms. Kalpana, Amainthakaranai Village



"My name is Kalpana and I am from the village of Amainthakaranai in Chengelpet district. I was a home maker and was very willing to stand on my own to reduce my family's financial burden. Thanks to the 150 hours of Tailoring training programme provided by L&T Technology Services and National Agro Foundation at Centre for Rural Development in Illeedu, I was able to learn sewing skills. When I faced financial difficulties in purchasing a sewing machine initially, I was supported by the Self-Help Group Federation run under the project of LTTS and NAF for loan assistance of Rs. 40,000. This investment has greatly contributed to the growth of my tailoring business, allowing me to earn a daily income of Rs 500 minimum and a monthly income of approximately Rs 13,000 to Rs 15,000. I am sincerely grateful to L&T Technology Services and National Agro Foundation for sowing the thought of self-reliance and making me a financially independent woman."

Ms. Vijaya, Arcadu Village



"I am Vijaya, a resident of Arcadu village for the past four decades. I was a daily wage labourer engaged in MNREGS and other agricultural related works in the village. Recognising the need for additional income, I sought out alternative sources of livelihood. With the loan assistance of Rs 40,000, I purchased a dairy cow, which yielded 12 litres of milk every day. My monthly income through the sales of milk is approx. Rs.15,000. I extend my sincere thanks to National Agro Foundation and L&T Technology Services for their invaluable assistance and support throughout this endeavour."

Mr. Parasuraman, Kalpattu village



"My name is Parasuraman and I am from Kalpattu village. I recently had the opportunity to attend an exposure visit cum training conducted at the Centre for Rural Development, Illeedu organized by Tata Capital Housing Finance Ltd. and National Agro Foundation. Initially, I expected a scientific approach to the training, but I was pleasantly surprised by the practical techniques that were shared during the sessions. These techniques have not only reduced input costs but also greatly improved yields through more effective cultivation strategies. Along with other farmers, we visited the demo farm established inside the campus. The practical training experience was invaluable and I have gained a profound knowledge of organic farming techniques."

Mr. Mahesh Govindraw Punekar,
Navchaitanya Nivasi Matimand school,
Mhasa (Kanhhol).



"I am the head master of Navchaitanya Nivasi Matimand school, Mhasa (Kanhhol). This school supports the education of 33 mentally and physically challenged students. With the funding support of Novartis, National Agro Foundation had provided the students with the items like sliding board, Micro Cabinet, Max Hub 75" interactive panel, bunk bed for each student, hand wash station, artificial grass turfing play area and two solar street lights for the school. These things were very much needed for their beneficial to our students for their mental and physical well-being. All these facilities have helped our school to improve the intellectual development of our children. I humbly request Novartis and National Agro Foundation to continue these good deeds for the needy."

Mr. Gurunath Aambare,
Head Master,
Zilla Parishad Primary School, Kanhhol



"At Zilla Parishad Primary School in Kanhhol village, students studying in the classes from 1st to 7th standard were fortunate to receive several benefits from National Agro Foundation and Novartis Private Ltd. We were provided with many inputs like sliding writing board, micro cabinet, Maxi Hub 75" Interactive Flat Panel, and RO Purifier cum water filter with SS tank. These resources have greatly enhanced the overall experience for our students, creating a fear-free environment and allowing them to fully engage in the learning process. By actively using these materials, students are not only gaining new knowledge but also developing the important skill of self-study, leading to improved academic progress. Additionally, the installation of the water filter has greatly improved the health of our students by providing them with clean drinking water, reducing the risk of waterborne illnesses. We are grateful for the support we have received and hope to continue receiving similar assistance in the future."

Mr. Sudhakar Ramchandra Hindurao,
Villager, Nhave



"My name is Sudhakar Ramchandra Hindurao, and I live in Nhave, a remote village in the Thane district of Maharashtra. The Village was dormant from dusk to dawn due to the lack of light, which restricted the movement of villagers. The installation of Solar street lights by Novartis Pvt. Ltd. And National Agro foundation provided the villagers with the freedom of movement without any fear of theft or animals. The quality of the light is good and working properly. I appreciate and thank National Agro Foundation and Novartis for implementing such a useful intervention in my village."

Ms. Saraswathi, Athiyanur village



"Greetings, This is Saraswathi from Athiyanur village. Agriculture is the only source of my family's income. I have been engaged in Agriculture since my childhood. I started to realize that the usage of chemical inputs has been rapidly increasing in the past few years. I was willing to do organic-based agriculture practice but lacked the knowledge and techniques. National Agro Foundation helped me to get back on track toward organic farming through their training program. Before this training, my understanding of agriculture was limited, and I heavily relied on chemical fertilizers. However, after participating in this program, I have adopted better farming practices and embraced the use of natural fertilizers. The insights gained during the training have been invaluable, resulting in remarkable improvements in my farming endeavors. I am sincerely grateful for the opportunity to participate in this training and extend my heartfelt appreciation to those responsible for organizing and conducting the sessions. Undoubtedly, it has revolutionized my approach to agriculture, and I eagerly anticipate continuing this rewarding journey."

Mr. C.G. Gopalakrishnan, Badhur village



"I am C.G. Gopalakrishnan from Badhur village in Vandavasi block in Tiruvannamalai district. Agriculture and its allied activities are a part of the life of our village. We learned Agriculture from our fathers and forefathers. They followed various techniques to protect and improve the soil quality. One such technique was Summer ploughing. However, for the past few decades, summer ploughing has been neglected and now the younger generation is unaware of its benefits and importance. Recognizing this issue, Tata Capital Housing Finance Ltd and National Agro Foundation made efforts to educate local farmers on various farming techniques, including summer ploughing. Having attended their training sessions and group discussions, I have decided to implement summer ploughing on my farm. I am sincerely grateful to the team for helping me to find my roots."



Mr. M R Sivaraman IAS (Retd.)

Former Union Revenue Secretary, Govt. Of India
Former Executive Director. International Monetary Fund,
Former Advisor, UN Security Council

Dr. N G Hegde

Former President and Managing Trustee, BAIF, Pune Trustee
and Principal Advisor, BAIF Development Research
Foundation Has rich experience in Sustainable Livelihood
and Community Development



Brig. R I Raghunathan, SM VSM (Retd.)

Highly Decorated army officer with 38 years of service in
Indian Army. Recipient of Seva medals from the President
of India. Renowned strategist who Has been in the
developmental sector for the past 10 years.

Mr. S. Swaminathan,

Former Tata Tea Nominee Director in the Board of Kanan
Devan Plantations Private Limited and Commercial
Manger – Air India. He has a vast exposure to social sector
projects and NBFCs in India.



Mr J Balaraman

President & Co-Founder, Congruent Solutions Pvt Ltd

Mr. SS Rajsekar

A first generation entrepreneur with over 30 years'
experience in real estate promotion and trade. He has been
involved in the area of rural upliftment and social and
community development. A proactive Rotarian involved in
several socially relevant projects in and around Tamil Nadu.





Mr. N. Ravi

Director Of Kasturi & Sons Ltd. Previously, Editor-In-Chief Of 'The Hindu'



Dr. S.V. Balasubramaniam

Chairman & Managing Director, Bannari Amman Sugars Ltd., Coimbatore.
Leading Industrialist Especially In Agribusiness.



Dr. Y.S. Rajan

Former Distinguished Professor ISRO / DOS and Chairman, BOG, NIT Manipur.
Member GoC M S Ramaiah university and a few others.
Has Co Authored "Vision 2020" With Dr A P J Abdul Kalam, A Renowned
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Ms. Indu Palaniappan

Former Senior Trade & Investment Adviser to the British High Commission in
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Vice Chancellor (Ex Officio)

Vice Chancellor, TNAU



Vice Chancellor, Anna University (Ex Officio)

Vice Chancellor, Anna University



Ms Asha Vijayaraghavan

Former Judicial Member, Income Tax Appellate Tribunal



Shri V M Muralidharan

Chairman of Ethiraj College for Women & CEO of Bhawan Cyber Tek



Shri Nitin Chandel

Head of BNY Mellon Technology Pvt Ltd, India

Our Partners & Supporters

Our Sincere Thanks, and Appreciation to our supporters, well-wishers and stakeholders who share in our vision and support our every effort in reaching out to the underserved and vulnerable communities in rural India. Reaching out to the last mile is only possible through your continued support and belief in our vision.



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