



Vegetables flourish in a shade net polyhouse in Jaigad, Maharashtra, constructed to support and augment the incomes of local farmers.

Improving yields, enhancing lives

T. R. Narayana Reddy, a 47-year-old farmer from Mogalahalli in Chitradurga district, Karnataka, looks after a family of seven members, including three daughters. His annual income is ₹1 lakh. He owns five acres of land and grows muskmelon crops on two acres but was unable to generate a higher income.

On an exposure visit organised by JSWF, he observed the farmers in Andhra Pradesh making higher profits by producing better yields. So, he joined a Farmer Producer Organisation (FPO) supported under our intervention in Karnataka, with specific interests of getting better quality seeds at lower input costs. The FPO not only sourced high-quality seeds but also organised a technical know-how session to help him reach more buyers with his new produce and increase his income.

Effective rural organisations, such as FPOs, assist farmers overcome hurdles to improving their economic, social, and political prospects. Supporting an FPO has a long-term benefit since it enables others to become self-sufficient. Narayana's case shows how formal institutions can enhance access to and management of resources, provide input material, enable market access, improve knowledge and communication, and guarantee farmers have a true involvement in decision making.

In just one season, he was able to increase his yield from 24 tonnes to 45 and his baseline income by ₹1,65,000. Reddy says, "With my earnings, I can support the education of my three daughters". These words belong to one farmer but are representative of thousands of other thousands of other farmers who have joined the FPOs being supported by us.



T. R. Narayana Reddy

Mogalahalli Village,
Chitradurga, Karnataka

Our efforts are aimed at sustainably enhancing incomes of individuals dependent on agriculture and allied sectors.

Sowing seeds of transformation

Over the past few years, we have been committed to scaling our programs in the agriculture and allied sector. Through a dedicated approach, our aim



is to contribute to secure, inclusive and sustainable agricultural practices by working alongside farmers to increase production and income.

Improving agricultural output is a vital requirement for increasing farmer incomes. Recognising this, we encourage sustainable agriculture methods among farmers through a variety of demonstration farms, trainings, and grassroots capacity development. We deliver superior agri-extension services in partnership with premier technical institutes, enabling farmers in securing value-addition, productivity improvements, and transitioning from mono-cropping to multi-cropping.



Farmers in Ballari, Karnataka receive a demonstration on a low-cost pesticide to protect their crops and deliver better outputs



Doubling farmers' income in Karnataka

In Karnataka, we have launched an inclusive agriculture and allied livelihoods program aimed at boosting farm and non-farm livelihoods. The initiative aims to strengthen Farmer Producer Organisations (FPOs) through institution building, leveraging government schemes and collaborating with partners across the value chain to enhance incomes.

We have collaborated with resource institutions such as ISAP, SEEDS, ICCOA and IFHD to implement our intervention, along with EY as the project management unit. These collaborations have doubled our presence in rural farms across the selected locations.

We aspire to double farmers' incomes through 60 farmer-producer companies, over the next four years. To achieve this, we are working on both the input and output side keeping income enhancement as our primary focus.

Enhancing production

Rebuild the capacities of the community-led farmer-producer companies

Create convergence opportunities to leverage endowments from the state governments, NABARD, and NBFCs for the farmers.

Reduce costs of production by enabling farmers to improve productivity and build climate-smart value chains

Improving sales

Aggregate and connect the farmers to institutional buyers and markets.

Bring private investments from supply chain partners.

We continue to augment our efforts to reach 100,000 farmers.

Impact highlights

175
Villages covered

15,000+
Farmers benefitted

₹24.27 Cr
Incremental income created for farmers

462.2 Ha
Area of land treated through watershed management

₹1.34 Cr
Government support

9,100 tonnes
Produce linked to markets

Integrated farming, Jaigad

In 2020, we started working to improve farm-based earnings in Jaigad, Maharashtra through organic farming. For effective implementation of the project, 10 shade nets of 10,000 sq. ft. each were developed through a public-private partnership, wherein the farmers have also invested.

To ensure sustenance, the Foundation also supported the farmers for introducing dairy farming which has added additional income to the beneficiaries of the program.

In FY22, this program has been scaled up to 200 farmers.



200

Farmers engaged in organic vegetable production/ organic dairy



₹20,00,000

Additional gross income per annum

Crop diversification, Jawhar

Our interventions in Jawhar Taluka of Palghar district, Maharashtra aim to increase the effect of integrated agriculture programs via capacity-building activities. The project is active in six villages, enhancing land productivity and promoting alternate land-use systems and crop diversification. The intervention orients farmers on additional crops they may cultivate, builds their

capacities on an improved package of best practices, thereby facilitating an off-farm diversification of income as well.

Since JSW Foundation's intervention in 2018, the program has contributed to employment generation in the village, with every acre of chilli farm generating employment of 250 person / days in a season.



Total yield (Tonnes)	Average income per acre (₹)	Average farmer income per farmer (₹)
FY22: 295	FY22: 6,44,180	FY22: 4,48,296
FY21: 439	FY21: 2,62,663	FY21: 2,39,243
FY20: 394	FY20: 4,08,080	FY20: 3,27,314
FY19: 75	FY19: 50,776	FY19: 40,256



Farmers from the Aditi Farmer Producer Organisation (FPO) weighing their yield that will be sold to markets

₹8.15 Cr of revenue generated

Capacity building of Farmer Producer Organisations, Dolvi

Since 2019, JSWF has been nurturing Aditi Farmer Producer Organisation in Dolvi, Maharashtra. Over time, the Foundation worked towards building the capacities of FPO members on license procurement, facilitation of schemes, forward linkages and convergences.

The Foundation has supported Aditi FPO with infrastructure facilities such as construction of a 250- tonne capacity warehouse along with providing farm machineries.

Through the intervention, the institution has been able to have an outreach of 1,892 farmers.

Under the Maharashtra State Government's Smart Project and in collaboration with the Forest Department, the FPO has received grants for allied agriculture activities.



4,200 tonnes

Paddy sales achieved



1,892

Farmers benefited

Water harvest potential of 7,500m³ created through 10 farm-recharge ponds

Holistic cluster development, Odisha

To improve the quality of agricultural land and livelihood opportunities in regions across Sundargarh and Keonjhar in Odisha, we have implemented the holistic cluster development project in partnership with BAIF Institute for Sustainable Livelihoods and Development (BISDL). The project is integrating multiple components and domains for livelihood augmentation to ensure optimum utilisation of available resources.

Depending on ground conditions, we deploy thematic activities in a participatory manner which are inclusive and community driven.

The overall objectives of the project are:

- > Diversification of income streams from farm and off-farm activities
- > Sustainable management of local natural resources
- > Adoption of appropriate practices for land-based interventions and technologies
- > Improvement of overall quality of life of participant families



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SHGs mobilised for livelihood generation through mushroom and poultry farming

Community Orchard, Kinnaur

Most households in Kinnaur, Himachal Pradesh are involved in horticulture. JSWF, in collaboration with community members, initiated community orchard development on Gram Panchayat land that was previously barren. For three years, community members and the Foundation have worked together to develop and maintain the orchards.

The orchard development will benefit 176 households in the community.



A farmer in Raigad, Maharashtra harvesting fish from his individual fish farm pond using a traditional netting method

Aquaculture

Pond Fish Farming, Dolvi

In FY21, JSWF introduced farmers in and around Dolvi, Maharashtra, to freshwater fish farming. The exposure visits, capacity building and training sessions encouraged community members to take up this intervention as an additional source of livelihood.

The members have been assisted technically and financially in constructing these individual and group

fish farming ponds which will be an additional source of income. Across eight gram panchayats, a total of 50 ponds have been constructed for individual fish farming, along with five fish ponds for group farming where 60 farmers are engaged.

With technical support these farmers shall increase output and productivity in small spaces.

 **110**
Farmers benefitted

 **8**
Gram panchayats covered

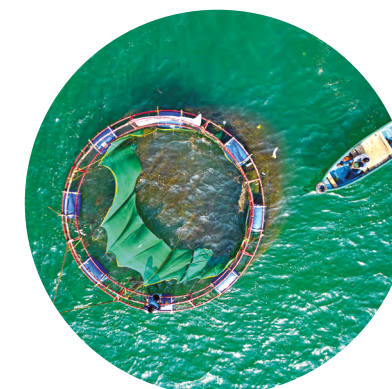
 **50**
Individual farm ponds constructed

 **5**
Group farm ponds constructed

Cage Fish Farming, Jaigad

To enhance fish production in Jaigad, we have promoted cage fish farming vs. traditional techniques amongst the fishermen in the community. We have successfully installed one fishing cage as a pilot. The pilot project has been successful and

has provided valuable insights that will enable the expansion of the project, which will entail 30 cages in the coming years. This project will not only improve fish production but will also increase the fishermen's earnings.



Community members in Brua of Kinnaur, Himachal Pradesh on a regular site visit of their orchard to ensure the trees remain healthy and productive