DAIRY CO-OPERATIVE PROJECT









DAIRY CO-OPERATIVE PROJECT	
Commenced on	**2012**
Duration	**Long Term (5 yrs)**
Implementing Agency	**Tata Institute of Social Sciences (TISS)**
Why Dairy?	➲ Enhance the existing practices of income generation through dairy skill dev. Programs ➲ Develop alternative sources of income which are sustainable in long run ➲ Entrepreneurial development through Group Dairy Farming ➲ Establish a comprehensive monitoring capability and educate villagers in cattle rearing ➲ Ensure high quality of milk with higher productivity

DAIRY COOPERATIVE PROJECT

About Dairy project

- GSL conducted a need assessment survey in collaboration with TISS NCSR HUB.
- Survey had identified, milk production as one of the major problem in North Goa.
- In order to increase the milk production in the region Dairy cooperative project was launched.
- After deliberation with stakeholders group dairy model was modified.
- Instead of managing animals by cooperative society, each member was provided with two animals (minimum) and responsibility for animal management has been entrusted upon the members.

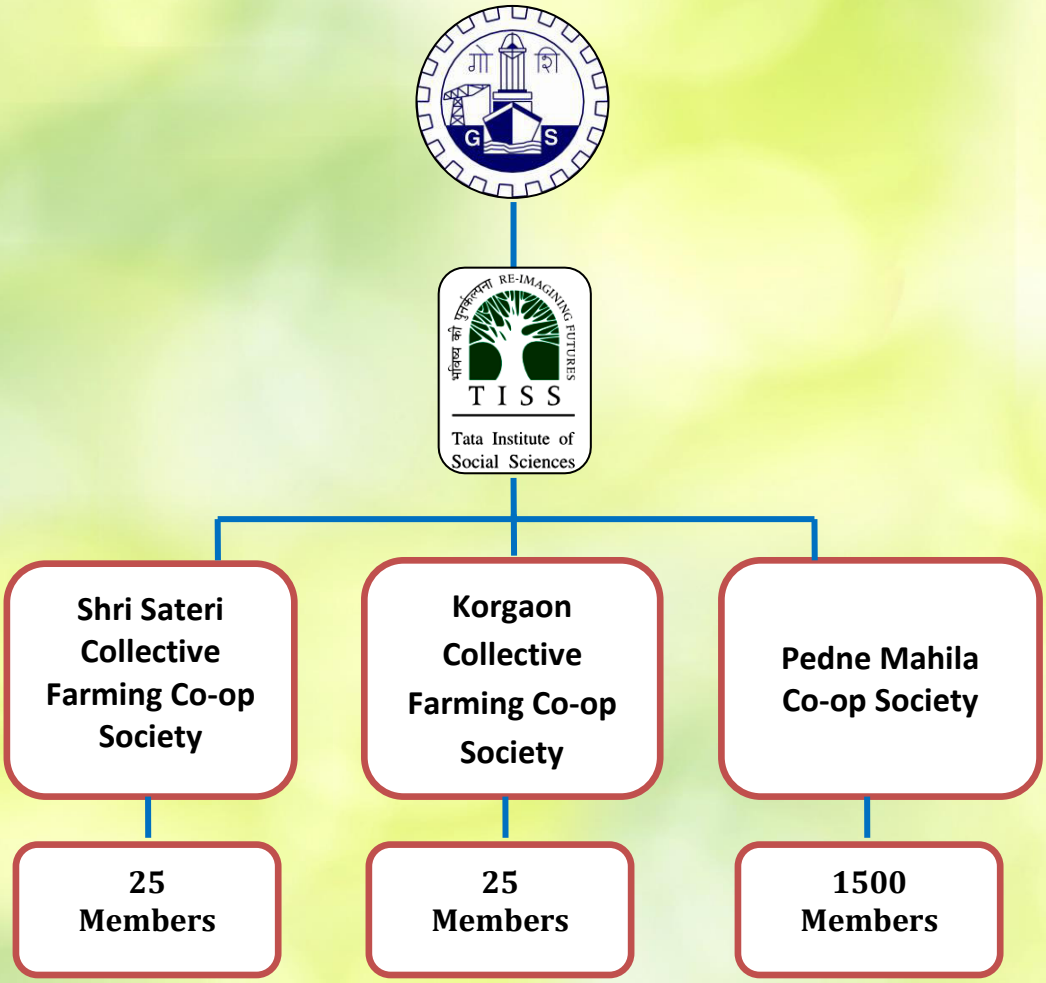
Aim:

- To increase the milk supply in the Pernem Taluka.
- To initiate structured intervention in the area of Dairy entrepreneurship development.
- Enhance Dairy Entrepreneurship skills through training and development.
- Start and support self-sustainable income generating activities for the dairy farmers.

How can we help?

- **Community:** Form farmer group within hamlets and enable the creation of a Village level federation that will be run by the members with the support of NCSR Hub.
- **Rearing:** Help the local farmers adopt several allied activities through a series of training programs infrastructure support activities and field support
- **Market:** Collective marketing of the produce generated by these farmers in order to secure the best possible price for both societies.

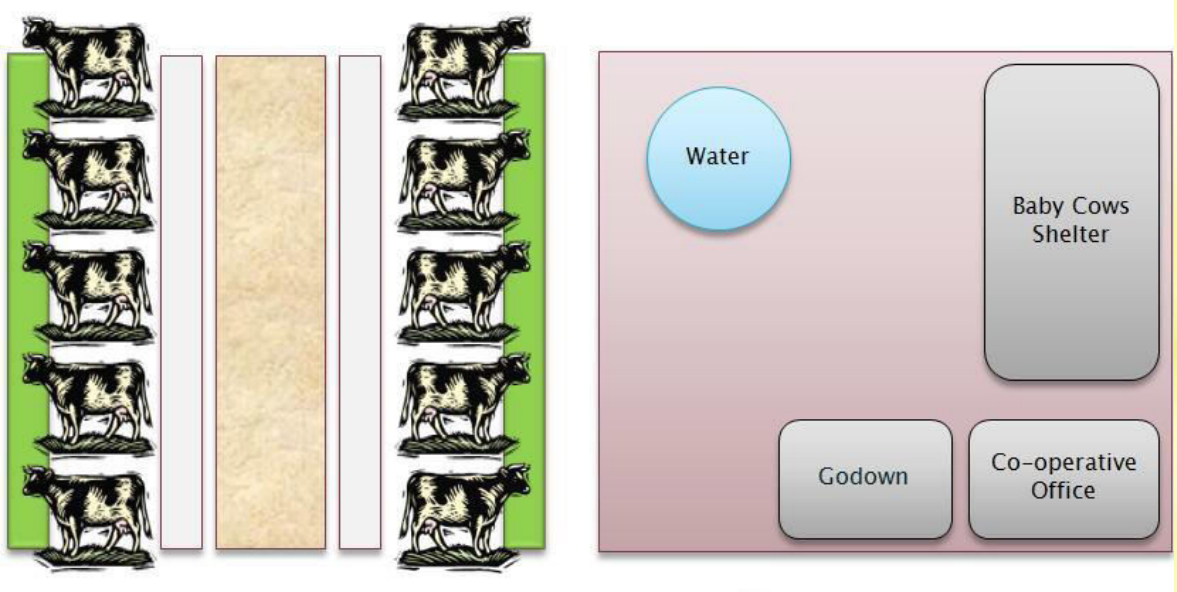
ORGANISATIONAL STRUCTURE



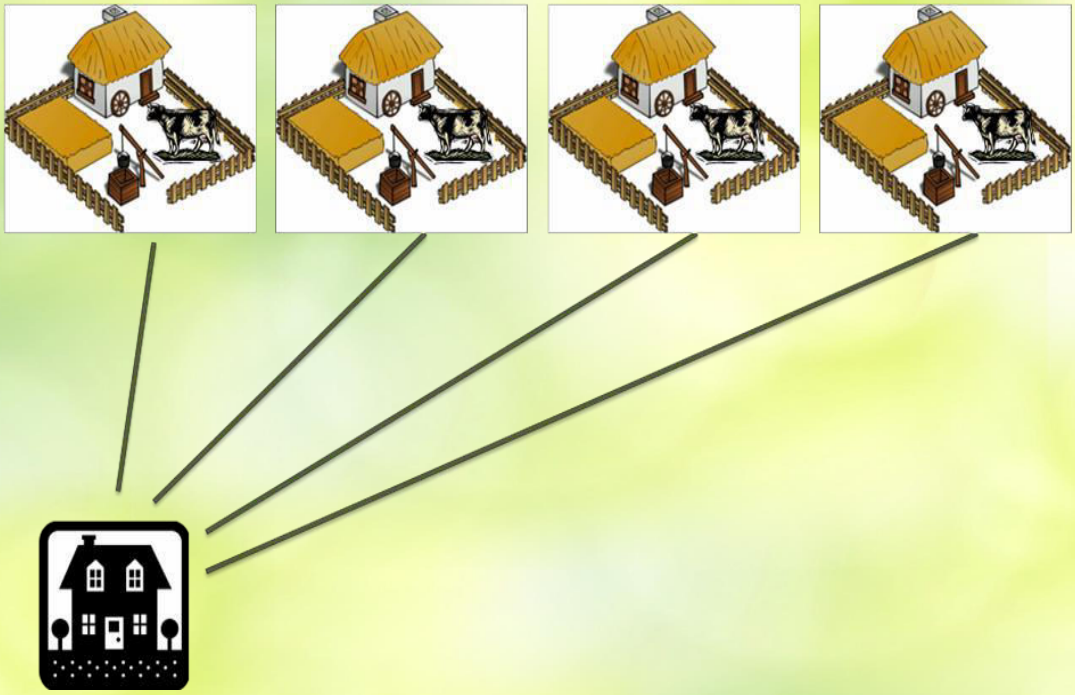
DAIRY-ISSUES AND OPPORTUNITIES



GROUP DAIRY FARMING MODEL

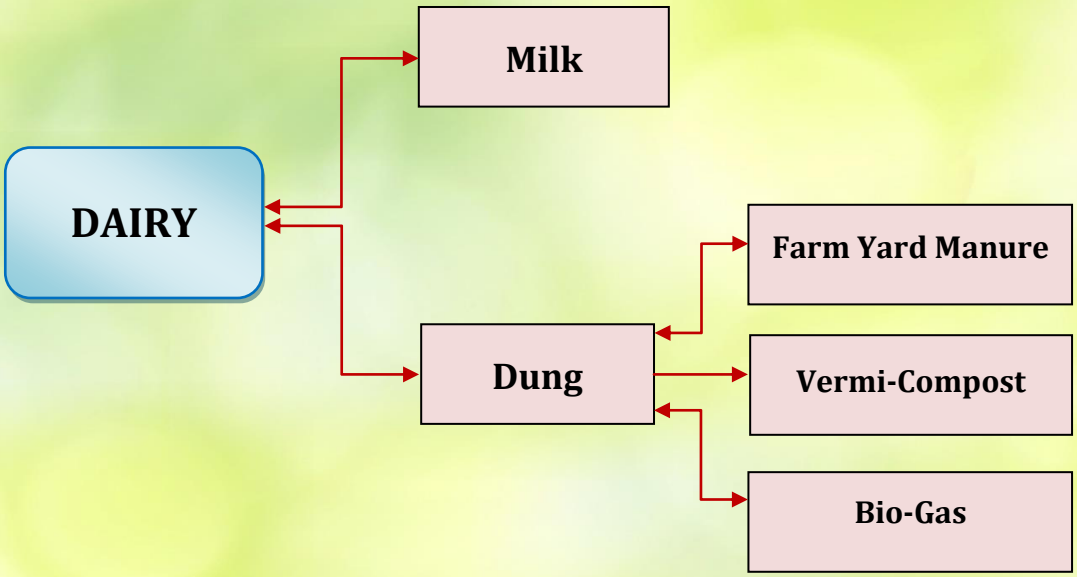


SMALL SCALE DAIRY



Cooperative society office

FARM INTEGRATION



The Dairy Cooperative project aimed at increasing the income generation of the communities in Korgaon and Ibrampur villages in the Pernem Taluka of North Goa, through dairy farming and other allied activities. The project has brought about notable changes in the production of milk in the Pernem Taluka as well as in the overall economic standards of the villagers.

The focus of the dairy cooperative project is to provide the cooperative's members with five cattle each to start their dairy business. The project has provided them with the financial and technical support to take better care of the cattle and thereby increasing milk production. The farmers can now provide their cattle with better fodder, medicines and improved rearing. The various trainings provided to the farmers with the assistance of the government departments and research organizations have helped the farmers to efficiently rear their cattle and have enhanced their dairying skills. Looking at the profitability in the business, new members have shown positive concern in joining the co-operative.

Youth from the village are joining the cooperative after completing their education, to enter the dairy business and look at it as a profitable venture.

One of the major challenges is to keep the cattle as most members are poor farmers with a lack of space. This is a hindrance for few to join the cooperative and own cattle. However, few members have found a solution to this problem. Some members of the cooperative are large farmers with space and financial capacities. Such members have built a big cowshed in which 8-10 animals can be kept. They have allowed other members to keep their animals which have taken care of the space constraints for the poor farmers.

The farmers have come together and taken collective responsibility to rear their animals. It also reduces expenses as many animals are under one roof and facilities are provided together rather than taking care of them individually.

Few members of the cooperative have been provided with machinery for milking the animals through existing government schemes. Many members have requested the cooperative to be provided with such machinery and other dairy equipments which will make it convenient for them to carry out the business. Some have also brought to the notice of the cooperative the requirement for grass cutters which will greatly help the farmers.

Besides direct dairy skill development, the cooperative has also provided the farmers with biogas units which can use the dung produced by animals to produce cooking gas. One unit easily takes care of a family monthly cooking gas requirement. The units have been provided with a subsidy provided by the government to install such units. The initial investment is made by the cooperative and then the same amount is deducted from the subsidy received by the individual from the government.

There is a difference between the performances of the two cooperative societies. The cooperative in Ibrampur has been more active which has reflected in the higher production of milk as well the involvement of the farmers in improving their technical and financial knowledge about the dairy business. The Korgaon cooperative requires to be pulled up to match up to the other cooperative to fully optimize and reach the potential of the project.

PROJECT STATUS AS ON 31.03.2016 AGAINST DELIVERABLES (FY 2015-16)

FUND EARMARKED : Rs. 23.00 lacs

FUND SPENT : Rs. 23.00 lacs

DELIVERABLES	STATUS
Adding 50 cows to both the cooperative societies. (25 each cooperative society) to increase milk production 500 litres per day	**Target completed.**
Artificial insemination of 100 cows	**Target completed.** Total 3 artificial insemination awareness training programs were conducted for farmers especially on feeding the pregnant cows.
Provide dairy extension support to 100 farmers to both the co-operative societies (50 each society).	Total 24 training programs have been conducted to Women and Dairy cooperative farmers together. On an average 2 training programs were conducted per month. Most of the training programs were group specific and focus has been given to animal rearing, milking techniques and green fodder management
Provide 10 Biogas units, 10 Vermi compost units (Decentralized), 2 centralized Vermi-compost units, 4 milking machines	**Target Completed**

DELIVERABLES	STATUS
Formation of one new Cooperative society for women farmers to promote livelihood in the region.	With 1700 women members a cooperative society was registered at Pernem. Main emphasis has been given to motivate the farmers to be part of the society. Various awareness programs were conducted in villages. 03 training programs were conducted in the month of October, 2015 on women cooperative society management and future vision was also laid down for the society. 06 training programs were conducted to women society on animal rearing and allied activities. On December 7th, 2015, Women Cooperative Society was officially inaugurated and accordingly 12 cows were distributed to farmers besides 10 biogas units & 10 vermicompost units were also distributed to Women Cooperative members.

DAIRY PROJECT SNIPPETS









INTERACTION WITH STAKEHOLDERS BY GSL









Baseline data collection from North GOA Villages

Baseline data collection by interacting different small scale entrepreneurs

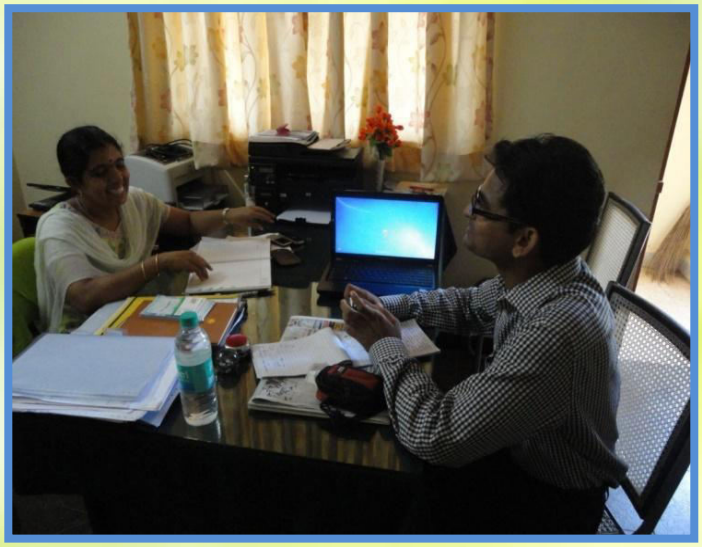




Interaction with Gramsabha Representatives



Collaboration with NABARD



Meeting with Gramsabha representatives



Exposure visit to dairy unit



Baseline data collection from dairy farmers



Meeting with Honorable speaker of GOA



Stakeholders meeting regarding dairy project



Korgaon Cooperative Society Training Program



Extension staff training cooperative members at field





Training program on Vermi-compost at Korgaon village





Training program on Organic farming at Ibrampur village





Distribution of Vermi-Compost units to farmers





Processing of Vermi-Compost for marketing





Processed Vermi-compost preparing for final packing





Exposure visit to Vermi-compost and Biogas units at Ibrampur





Visit to Zarapa model village





Honourable Speaker of GOA field visit to project site





Interns collecting data from cooperative society family members





Vermi-compost & Green fodder demonstration at GSL





Women's Co-operative Society Inauguration Function