



DEVELOPMENT SUPPORT CENTRE

Annual Report 2012-13





**Late Shri Anil C Shah
Founder Chairman**

Our Mission

Development Support Centre aims to provide knowledge based support to institutions involved in promoting sustainable livelihoods and participatory natural resource management

Our Values

**Participation, Equity, Efficiency, Cost-effectiveness, Sustainability, Honesty
Transparency**

FOREWORD

The year 2012-13 has been quite eventful in many ways for DSC. What started in 1994, as a single organization has now expanded into another three entities viz. Sajjata Sangh, Krushidhan Producer Company and DSC Foundation. DSC needed to develop diverse institutions to meet the diverse requirements from different stakeholders at the state and national level.

The Sajjata Sangh was established 10 years ago as a network of NGOs in Gujarat, involved in Natural Resources Management. It gained considerable momentum and recognition at the state level. It ran a popular weekly radio program called "*Sajjata no Sang, Lavey Kheti Ma Rang*" for farmers for five years. The Sangh brought out a study on contribution of NGOs of Gujarat to the State's agriculture. This year also saw it developing a network for the farmer producer organizations (FPOs) known as the *Gujarat Rajya Krushak Manch*.

DSC realised that economies of scale are needed to run a Producer Company viably. So the block level Dhari Producer Company expanded its area of operations from a single block to the entire state. It was renamed the Krushidhan Producer Co Ltd and it enrolled farmer members from cluster level farmers' associations and Kisan Clubs of Himmatnagar, Visnagar, Modasa, Meghraj and Kujad. It also diversified its portfolio of products and services. This Company is being guided by DSC's Board Member, Prof Arvind Gupta, who has vast experience in promoting rural livelihoods and producers' organisations.

DSC also set up the DSC Foundation to expand its services to other states of the country, particularly in terms of expertise sharing. Registered as a Section 25 Not-for-Profit Company in Delhi, the DSC Foundation provides capacity building as well as documentation services to Government Departments, NGOs and community based organizations, particularly outside Gujarat. During the current year it provided such services to West Bengal and Orissa in Participatory Irrigation Management (PIM).

DSC on its part continued to grow both in terms of its field implementation, outreach as well as thematic intervention. From focusing on the two primary programmes i.e. PIM in irrigated areas and watershed management in rainfed areas, the organization carried out a holistic programme on agriculture development and also initiated the Integrated Water Resource Management (IWRM) in several new locations in Gujarat.

I would like to thank the state governments of Gujarat and Madhya Pradesh as well as the Ford Foundation, the Aga Khan Foundation, the RBS Foundation, the European Commission through Vrutti Livelihoods, NABARD, Small Farmers' Agri-Business Consortium (SFAC), Govt of India, IKEA Trading, ITC Ltd and all other donors who have supported DSC and its sister institutions. I also express my appreciation of the DSC staff in doing their work diligently and in a participatory manner.



Vijay Mahajan,
Chairman, DSC

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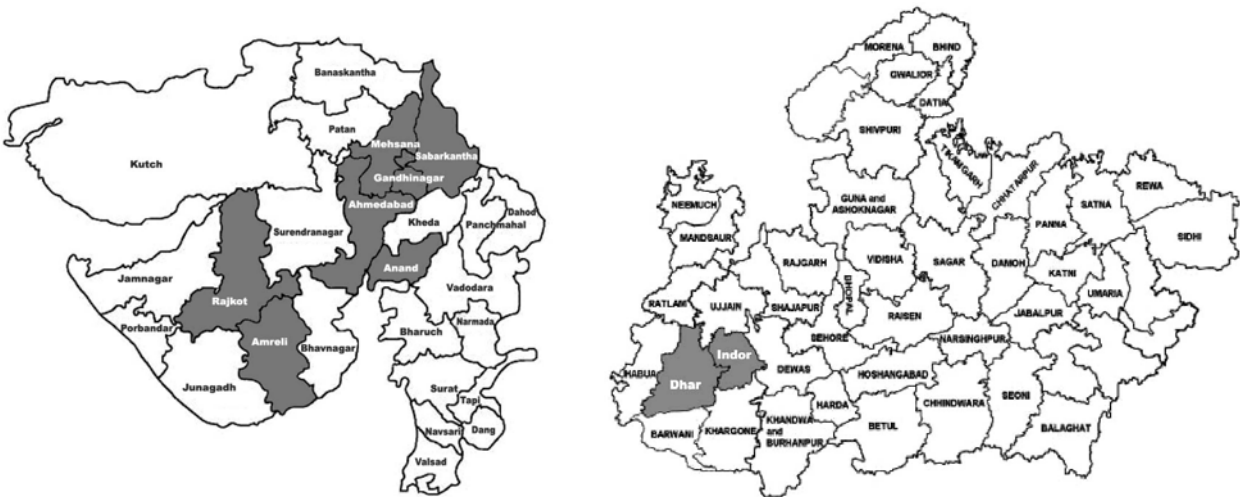
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OPERATIONAL AREA



FIELD UNIT LOCATIONS



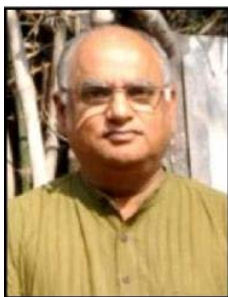
DSC's JOURNEY



OVERVIEW OF IMPLEMENTATION AND OUTREACH IN RAINFED AND IRRIGATED AREAS

A	Implementation	
A1	Number of States covered	2
	No of districts covered	9
	No of blocks covered	17
	No of villages covered	327
A5	Number of households covered	Approx. 1.05 Lakh
A6	Area covered (Ha)	Approx. 1.10 Lakh
A7	Number of Community Based Organisations formed	
	- Water User Associations	236
	- Self Help Groups	185
	- Farmer Interest Groups and Kisan Clubs	300
	- Pani Panchayats and Sujal Samittees etc	43
	- Watershed Associations	21
	- Federations/Farmer Producer Organisations	10
	- 6 of men and 4 of women	
	- State Level Farmer Producer Company	1
B	Outreach	
B1	Training programmes and exposure visits (at block, district, state, national and international levels)	570
B2	Communication material	
	- Films	11
	- Print material	66
	- Divadandi quarterly magazine(Number of Issues)	17
	- Radio programmes	253
B3	Research and documentation (Studies, publications and best practice documentation)	74
B4	Sajjata Sangh network - NGO partners	33
	Farmer Producer Organizations	26
B5	Policies influenced at national and state levels	69

GOVERNING BOARD MEMBERS OF DSC



Vijay Mahajan, Chairman

Social Entrepreneur and one of the pioneers of the micro finance sector. He has over 26 years of experience in promoting organizations such as PRADAN and BASIX. He served on the Rangarajan Committee on Financial Inclusion and the Raghuram Rajan Committee on Financial Sector Reforms. He has coauthored a book "The Forgotten Sector" and has written more than 60 articles. He is Chair of the Consultative Group to Assist the Poor (CGAP).



Vitthalbhai Patel (Treasurer & Member)

Retired Civil Servant and Engineering Consultant, he served as Secretary- Water Resources, Govt. of Gujarat and was the Chairman of the Central Water Commission. He is known for his expertise at the State and national levels and is invited as a member in several policy making forums.



Indira Hirway

Academician and Director of Centre for Development Alternatives (CFDA), she has also served as a Professor of Economics, Gandhi Labour Institute, Ahmedabad. She specializes in conducting research in rural development and environmentally sustainable development programmes. She has presented several papers at national and international seminars and is often invited by the State and Central Governments to policy making forums.



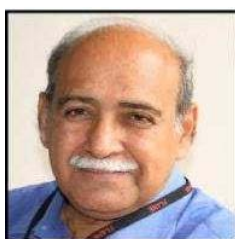
Jayanti Ravi

Civil Servant, she is an officer of the Indian Administrative Services and currently the Commissioner, Higher Education. She has wide experience of planning and implementing rural development programmes in the State.



Nafisa Barot

Gender Specialist and Social Worker, she has more than 31 years of experience in community based development projects, especially with women groups and drinking water projects. At present, she is the Managing Trustee of Utthan, a voluntary organisation working in the coastal and tribal areas of Gujarat.

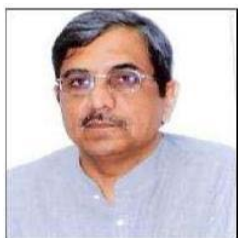


Prakash Shingi

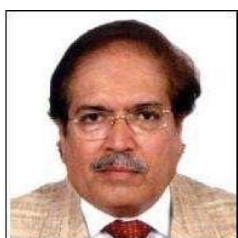
Academician & Management Consultant, he is a Retired Professor at the Centre for Management of Agriculture, Indian Institute of Management, Ahmedabad. He is currently the Dean of the Flame School of Business, Pune and specializes in rural extension and cooperative management of natural resources.

**Sandra Shroff**

Industrialist and Vice Chairperson of United Phosphorus Ltd, She is actively involved in Rural Development for more than two decades. She is closely associated with some of the reputed NGOs in the State such as VRTI and Shrujan Trust in Kutch.

**Sudarshan Iyengar**

Academician and Economist of eminence, he is the Vice Chancellor of Gujarat Vidyapith and former Director of Gujarat Institute of Development Research. He has also made a pioneering contribution to the role of civil society in development.

**Tushaar Shah**

Academician and Expert on Water Management, he serves as Principal Researcher at the International Water Management Institute (IWMI). He has served as a member of several State and Central Committees on irrigation and groundwater management

**Girish Godbole**

Mr. Godbole has been a development professional for the last 31 years. A post graduate in Social Work from the Tata Institute of Social Sciences, Mumbai, he has worked with L&T, PRADAN and then as the India Director for Save the Children Fund, Canada. He is currently a freelance development consultant.

**Prof. Arvind Gupta**

Arvind Gupta, a Fellow from the Indian Institute of Management, Ahmedabad with specialization in Marketing and Agri-business, has 26 years hands-on industry experience, of rural livelihoods, agriculture & allied industries. He was a Professor at IRMA and presently is a Visiting Faculty at VAMNICOM, Pune and MANAGE, Hyderabad.

**Sachin Oza, Member Secretary and Executive Director**

Social worker, he has 22 years of experience in the voluntary sector. He has been a trainer on subjects such as people's participation and institution development. He represents the organization in several policy making forums at the state and national level.

RESEARCH ADVISORY COMMITTEE OF DSC

- Indira Hirway, Director, Centre for Development Alternatives (CFDA), Chairperson.
- Sudarshan Iyengar, Vice Chancellor, Gujarat Vidyapith
- R. Parthasarthy, Professor, CEPT University.
- Astad Pastakia, Freelance Consultant and Development Researcher.
- Gauri Trivedi, Ex-Director, State Institute of Rural Development
- K. V. Raju, Professor, Institute of Rural Management, Anand
- Amita Shah, Director, Gujarat Institute of Development Research
- Tushaar Shah, Principal Researcher, International Water Management Institute

MANAGEMENT COMMITTEE OF DSC

- Sachin Oza, Executive Director
- Mohan Sharma, Director (Programmes)
- Rajesh Mehta, Senior Manager (Finance & Administration)
- Paresh Dave, Programme Manager (Communication)
- Bhagirath Sathwara, Programme Manager (PIM)
- Manju Ravi, Programme Manager (Gender issues)

1. ABOUT DEVELOPMENT SUPPORT CENTRE

Development Support Center (DSC) is a resource organization that provides knowledge based support to Non-Government Organizations (NGOs), government agencies and other stakeholders in the field of natural resource management. The organisation was established by late Shri Anil C. Shah in 1994, in response to demand from various individuals and stakeholders concerned with rural development in Gujarat. DSC provides a variety of services that aim to improve rural livelihoods through participatory management of natural resources such as land and water on which a large number of rural people directly depend. DSC has a multi-disciplinary team of professionals that helps in capacity building of key functionaries, performs hand holding operations in the field, takes initiatives for appropriate policy changes and carries out field studies related to policy issues.

KEY ACTIVITIES

Field Implementation

In Gujarat, DSC is involved in implementation of various programmes in rainfed and irrigated areas. It implements the Participatory Irrigation Management (PIM) programme in about 1 lac hectares of 4 major and 3 medium irrigation projects in Gujarat and Madhya Pradesh. DSC has facilitated WUAs, branch and project level federations in more than 200 villages. DSC is probably the largest NGO in India working in the irrigation sector with its PIM projects cited as models in Gujarat and Madhya Pradesh. These projects have also been instrumental in influencing policies at both the State and national levels. The Integrated Water Resource Management is being implemented in 24 PIM villages and 18 watershed villages through Sujal Samities. DSC involved in implementing Integrated Watershed Management programme covering more than 15,000 hectares in Gujarat and MP. The drinking water programme was implemented in about 30 villages of Gujarat. It has been implementing agriculture productivity enhancement activities and farmer led value chain development activities in both rainfed and irrigated areas of Gujarat with the help of Government and other donors.

Capacity Building

DSC strongly believes that the success of participatory programmes lies in the capacity building of various stakeholders including farmers, NGO representatives and government functionaries. The organisation is recognised as a resource centre for PIM and watershed programmes at the state and national levels. It has been collaborating with the Water and Land Management Institute (WALMI), Anand for providing support to promote PIM in selected irrigation projects of the State. Similarly it has partnered with the Gujarat State Watershed Management Agency and Rajiv Gandhi Jal Grahani Mission, Bhopal, Madhya Pradesh to provide training to village functionaries and also to the staff of project implementing agencies. It has also set up a District Resource Centre in Sabarkantha. The organisation also hosts exposure visits for national and international delegations on PIM. Based on the requests from academic institutions DSC also conducts basic orientation programmes for Post Graduate and Under Graduate students from social, management and engineering streams. So far, DSC has organised more than 570 training programmes for PIM and watershed management and has a full-fledged training centre in Ahmedabad which can host about 70 participants.

Communication

DSC has developed user friendly audio-video and print communication materials on Best Practices in Natural Resource Management (NRM) that can be used for wider dissemination.

Various Government and non-government agencies use the materials for information, education and communication with the farmers as well as practitioners. It has produced and broadcast over 253 radio programmes on sustainable agriculture development. DSC also publishes a quarterly magazine 'Divadandi' which focuses on agriculture productivity enhancement of which 16 issues have been released by the end of financial year 2012-2013.

Research and Documentation

DSC carries out research studies based on issues emerging from the field. These include documentation of best practice case studies, impact assessment and thematic studies at the State and national levels. DSC has also published more than 50 research papers and best practices in participatory NRM. Besides being used by government officers, policy makers and practitioners as training material, these studies play an important role in influencing policies at the state and national level. It has brought out four volumes on Livelihood Augmentation in Rainfed Areas (LARA) and as well as manuals on PIM and Watershed Management.

Policy Influencing

The organization believes that the lessons from the field should be shared with the policy makers at state and national level for further refinement of the programme. Through direct field implementation and research studies, DSC provides real time feedback to policy makers by active participation in the various committees at the district, state and national level. DSC played a major role in formulating the guidelines for the Integrated Watershed Management Programme (IWMP), the XI Five Year Plan's approach paper on rainfed areas and the recommendations of the Working Group on Major and Medium Irrigation and Command Area Development for the XII Five Year Plan (2012-2017).

Producer Company

The Producer Company is set up to provide input supply, value addition and market linkages to farmers in DSC's operational area. It consists of cluster level federations and farmers' clubs of men and women engaged in production of vermicompost, bio-pesticides, spices etc. The company promotes local and long value chains by providing technical know-how to these groups.

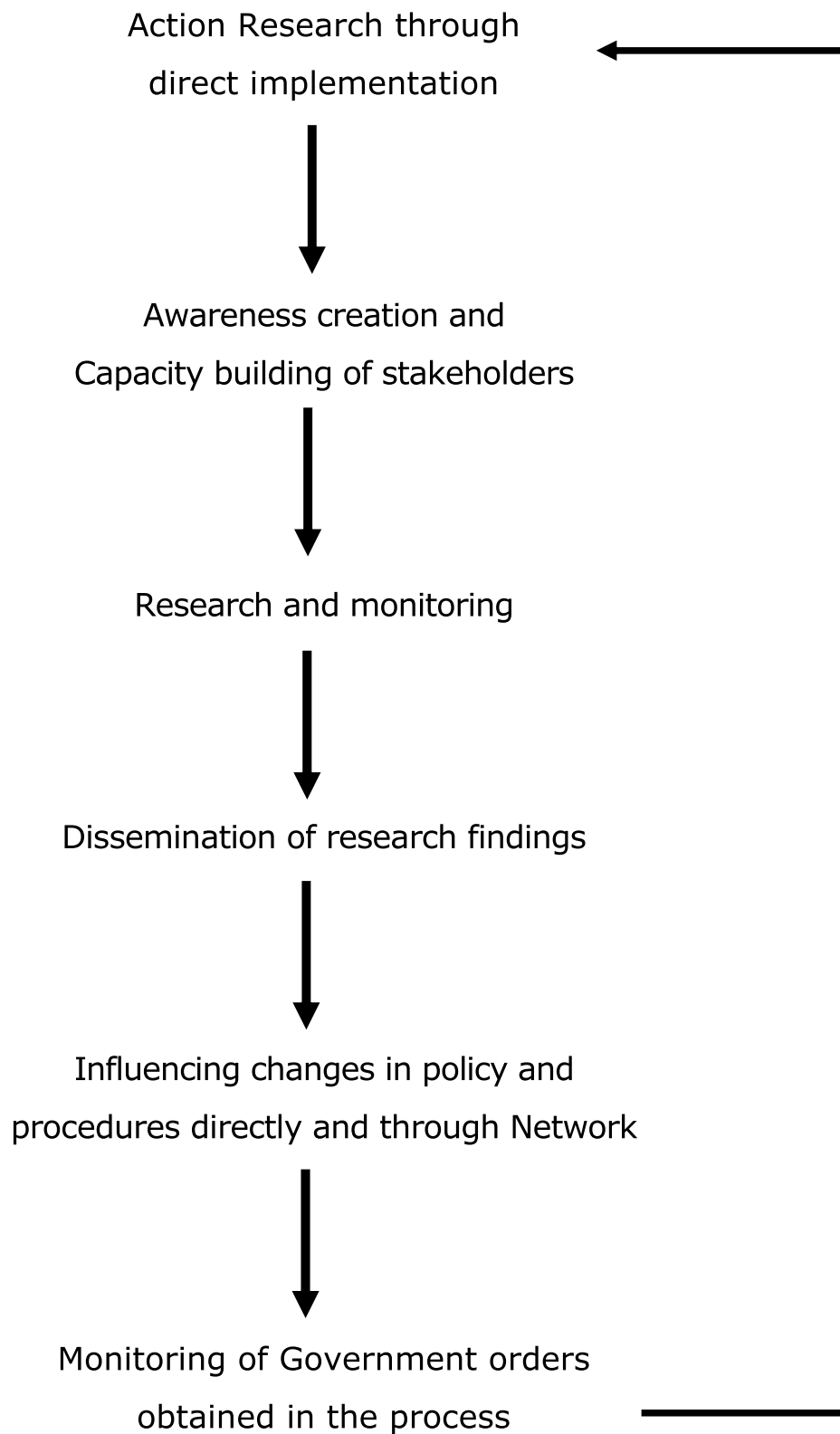
DSC Foundation

The DSC Foundation is registered under Section 25 of the Companies Act 1956 in March 2012. The main goal of the Foundation is to provide know-how, guidance and necessary assistance in the field of Participatory Natural Resource Management and Livelihood to community based organizations, NGOs, government agencies and the private sector. These include conducting evaluation/ impact assessment studies, training programmes and hosting exposure visits for national and international participants.

Sajjata Sangh

DSC has facilitated a network of NGOs involved in promoting NRM programmes in Gujarat. This network named Sajjata Sangh has 33 NGOs as its members and is involved in policy advocacy as well as in promoting innovations in rainfed agriculture. The Sajjata Sangh conducts crop specific workshops in partnership with agriculture universities and is playing a key role in promoting weather insurance across the State.

2. STRATEGY



3. FIELD IMPLEMENTATION

INTERVENTIONS IN IRRIGATED AREAS

Participatory Irrigation Management (PIM)

Participatory Irrigation Management is one of the core programmes implemented by DSC. The organisation has initiated the programme since its inception in 1994. The organisation is currently promoting PIM in the Bhadar Irrigation Project in Rajkot district and the Kujad area of Vahelal Branch of the Sardar Sarovar project in Ahmedabad district. While the Post PIM Phase or PIM+ phase is being implemented in Dharoi, Guhai, Mazum irrigation projects of North Gujarat, Vehlal branch of SSNNL in Ahmedabad district and Man and Jobat projects of Dhar district in Madhya Pradesh. The DSC field units provide advisory support to the Water User's Associations (WUAs) and are promoting agriculture development in the post PIM Implementation phase while they provide hand-holding support on a day to day basis in the ongoing projects.

GUJARAT

i) Progress of Canal rehabilitation work in Bhadar Section-4 under PIM.

DSC is actively involved in implementing PIM in 9100 hac command area of Bhadar section-4 irrigation project. It has promoted 15 WUAs in this command area. Due to DSC's intervention, WUAs in Saurashtra are involved in canal rehabilitation work for the first time. The DSC team conducted 56 capacity building programmes including exposure visits, training programmes, videos shows and workshops benefiting 1500 participants. The officers from Irrigation Department, farmers from WUA and DSC field team have conducted joint survey in seven WUAs covering 3618 ha. command area. Till date the Irrigation Department sanctioned canal rehabilitation works worth Rs.47.5 lakhs for five WUAs. About Rs.19 lakhs were released to WUAs for carrying out canal rehabilitation works. The WUAs have collected Rs. 1.9 lakhs contribution from the farmers. They have formed various committees such as the Supervision Committee, Material Selection Committee, and Conflict Resolution Committee for carrying out canal rehabilitation work in participatory manner. The Irrigation Department and DSC team have provided technical training to WUAs for understanding technical aspects.



Painting competition on NRM organized among the school students

The field team organized seven painting competitions on NRM among the school students in six villages of the command area. Around 678 school students participated in these painting competitions. A joint committee of the field team, school teachers and WUA representative identified the best painting and gave prizes to the students. The school teacher, WUA leader and DSC's field team shared their experiences about participatory development of NRM and creating ownership for canal network and irrigation to the school students. The students had written essays on importance of water, keeping environment clean, importance of natural resources in human life etc. The field team distributed PIM slogan stickers among the students for pasting them in the village. This competition helped in creating awareness about NRM among the village youth.

Learning cum Exposure visit for WUAs to Dharoi PIM area.

The field team organized six exposure visits to PIM area in Dharoi project. Around 107 farmers from WUAs and six field officers from the Irrigation Department participated in these exposure visits. The participants visited Kansa and Rangpur Irrigation Cooperative in Dharoi project to understand about the technical works carried out under PIM. The participant farmers visited canal site and saw the canal rehabilitation work carried out by the Kansa WUA. The President and Secretary of Kansa WUA shared their experiences about administration and management of their WUA. On the second day of the exposure visit the participants visited the central office and made a presentation of learning from the exposure visit and developed an action plan for their own WUA. The exposure visits were very useful for understanding the best practices of PIM.



Leadership Development Training conducted for WUAs leaders

The Dhoraji field unit conducted a three-day training programme on “Leadership Development” for office bearers of WUAs formed in Bhadar section-4 project. Around 29 participants participated in the training programme. On the first day of the training programme the participants visited Kansa WUA in Dharoi project. During the visit of Kansa WUA the participants interacted with the President and Secretary and tried to understand about administrative and managerial system developed by the leader in the Kansa WUA. On the second and third day the participants attended classroom training at DSC’s training centre at Ahmedabad. During the class room sessions various topics on leadership development such as types of leadership, how to develop good leadership etc were covered. The training programme motivated the participants and helped in developing active leadership in WUAs.

ii) PIM in SSNNL command area

Exposure visit for WUAs to PIM area in Dharoi project

DSC is actively involved in implementation of PIM programme in 7400 hac command area of Vahelal branch in SSNNL project since year 2004-05. The field staff of DSC and the Irrigation Department were involved in capacity building of the WUAs through training programmes, exposure visits and workshops. Two exposure visits were organised to successful WUAs of Dharoi project. Around 30 farmers' representatives from two WUAs visited the Kansa irrigation cooperative office and the canal site. The President, Secretary and members of the host WUA shared their experiences about administration and management system of their WUA.

The field team also organised five training programmes for Executive Committee members of the WUAs. Around 58 committee members learned about the concept of PIM, functions of WUA, role of President and members and issues and challenges faced by WUAs. The training programmes were very helpful in preparing an action plan of WUA for its effective management.

MADHYA PRADESH

PIM in Maan and Jobat projects

The formal collaboration between DSC, Madhya Pradesh Rural Livelihood Programme (MPRLP), and the Narmada Valley Development Agency (NVDA) for promoting PIM and strengthening the WUAs in Maan and Jobat PIM projects ended in June 2012. Thereafter the two field units carried out final round of capacity building activities for the WUAs such as exposure visits to Maharashtra

and Gujarat, development of project level Irrigation data, handing over records to WUAs, creating fixed deposits of farmer's contribution in WUA saving accounts, assisting project impact assessment study through IRMA etc. The two teams arranged four exposure visits for men and women members of the WUAs to successful entrepreneurship initiatives in Mehasana, Sabarkantha and Valsad districts of Gujarat and Nasik district of Maharashtra. Drawing inspiration from the exposure visits, the women SHG members are planning for starting dairy, honey bee production and vermicompost production for additional income generation.

The capacity building efforts by DSC has resulted into better irrigation management and fund mobilization by the farmers. This year, about 22,000 hectare was irrigated against 25,000 ha designed command area. The WUAs have mobilized Rs. 20 lakhs from collection of service fee from the farmers.

About 40 women SHGs have been formed for promoting saving and credit activities. One woman SHG initiated chilli processing with one quintal production of red chilli powder. The group procures whole red chilli from the members and produces chili powder through milling machine. The powder is packed in 250 gm, 500 gm and 1 kg plastic bags in the name of Sakhi Nimad brand chili powder. The product is sold through DSC's field office centres and WUA federation offices in MP and Gujarat. The State Bank of India, Kukshi branch has shown interest in providing financial support to the group for scaling up the business. The teams have initiated formation of 80 Kisan Clubs and 100 SHGs that have been linked with NABARD.

Interventions in Rainfed Areas

GUJARAT

Indo-German Watershed Development Programme (IGWDP) – Meghraj block, Sabarkantha district

DSC is implementing two watershed development programmes namely the Dhandhia-Gayvachharda-Navaghara (DGN) group watershed and the Zarda watershed under the Indo German Watershed Development Programme (IGWDP) supported by NABARD. The DGN watershed covers 1479.25 ha. while the Zarda watershed covers 1050.29 ha. Besides soil and moisture conservation activities like earthen field bunding, stone bunding, gully plug, and masonry structures, the focus during the Kharif season, was on plantation (Horticulture & Forestry) and agriculture crop demonstration activities.

Agro-Horticulture and Forestry Plantation:

Agro-horticulture plantations were undertaken with 97 beneficiaries in Gayvachharda watershed and 32 beneficiaries in Zarda watershed. Total 1929 and 811 saplings of Mango, Guava, Chickoo and Lemon plants have been planted in Gayvachharda and Zarda watersheds. Forestry plantation was undertaken with 115 beneficiaries in Gayvachharda watershed and 98 beneficiaries in Zarda watershed. Total 6650 and 8250 forestry saplings of Teak, Neem and Bamboo plants were planted in Gayvachharda and Zarda watersheds.

Agriculture Crop Demonstration:

Agriculture crop demonstrations for different crops like Maize, Pigeon Pea, Turmeric, Ginger, Chilly, and SRI Paddy in both Gayvachharda and Zarda watersheds were carried out. Forty one farmers in Gayvachharda and 15 farmers in Zarda watershed were provided agriculture crop demonstrations.

MADHYA PRADESH

Integrated Watershed Management Project (IWMP)- Mhow block, Indore district



DSC has been implementing the IWMP Project in Mhow block of Indore district M.P. since November 2011 in collaboration with ITC and Rajiv Gandhi Mission for Watershed Management (RGMWM), Government of M.P. The project covers approx. 5000 ha area in 9 remote villages. A five member Multi-disciplinary team carried out various physical works such as construction of check dams, field bunding, drainage treatment structures and other physical activities worth Rs. 138 lakhs cumulatively through the Watershed Committees of Malendi-I, Malendi-II, Badgonda and Mehandikund. The construction work of 23 structures is completed and the local community is very happy with the quality

of works. The area received good rain and the rivulets started flooding. It is expected that the check dams and structures will conserve about 3200 cu.m. water at a time and about 100 hectare land will be irrigated by these water bodies in Rabi irrigation.



One women SHG of Badiya village started vermicompost production. The beneficiaries contributed Rs. 20,000 in cash and kind while grant of Rs. 25,000 was provided from IWMP project and Rs. 7000 by ITC. Soybean and wheat seed demonstrations, farmer field school, kitchen garden, vermicomposting, goatary and poultry activities were initiated by women SHGs and Kisan Clubs under livelihood and production component. The demonstration plots have yielded 25% more soybean grains as compared to controlled plots.



One animal vaccination camp was organized in Malendi under production system component of IWMP project. A five member-team of Veterinary Doctors from the Veterinary department, Mhow vaccinated 200 animals for protecting them against pre monsoon diseases.

The Mhow unit conducted several capacity building 48 capacity building programmes including training programmes, exposure visits and workshops. About 2373 participants benefited from these programmes generating 2424 participant days. Resource persons from ITC, Zila Panchayat and DSC facilitated the programmes.



The ITC set up an Agarbatti production Centre in Badiya village with a capital investment of Rs. 15 lakhs. Forty eight machines were procured and a group of women were sent on a four-day training programme to Maharashtra. About 3700 kg agarbatti has been produced generating wages of Rs. 60,400 for 603 person days.

Seventeen SHGs have been formed covering 181 members in eight villages. These groups have saved about Rs 1.7 lakhs cumulatively. The Watershed Committee has given revolving fund to 10 SHGs for setting up a vermicompost unit and for goat and poultry activities.

Visit by the Principal Secretary, Department of Land Resources GoI, to Mhow,



A high level delegation of senior officers from the Central and State government visited IWMP project on 13th September 2012. The delegation was led by Smt. Anita Chaudhary, Principal Secretary, DoLR, Joint Secretary, Shri Meena, Additional Secretary Smt. Savita Anand. They were accompanied by Director RGMWM, Bhopal and officers from Chhatisgarh, Bihar and UP. The delegation inaugurated two newly constructed check-dams and animal health centre in Malendi village. The officers also visited soybean seed replacement plots and also saw the Entry Point Activities (EPA) such as culvert and water tank. In Badiya village, the vermicompost production group of women shared their experiences of developing the

production unit and its benefits to the members. The visitors had very intensive discussions with the Watershed Committee members, User Group members, Secretary and women SHG members. The visitors were very happy to see the enthusiasm and participation of the tribal women in remote villages like Badiya. The Principal Secretary appreciated the efforts of DSC and ITC in effective implementation of the IWMP project.

Integrated Water Resource Management (IWRM) projects in Gujarat

DSC is implementing the Integrated Water Resource Management Project (IWRM) in both irrigated and rainfed areas of Gujarat. The IWRM project is being implemented in Meghraj watershed area with the financial support of European Union while in the canal commands it is being implemented through support from the Hindustan Unilever Vitality Foundation (HUVF). These projects aim at developing village level institutions that can develop a holistic plan for conservation and management of surface and ground water sources by piloting physical interventions related to soil and moisture conservation activities, drinking water and sanitation. Twenty Four Sujal Samitties are formed in Dharoi, Guhai and Mazum projects while 18 Sujal Samities are formed in Meghraj. Training programmes and exposure visits of successful IWRM projects were provided to the Sujal Samities before they initiated planning and implementation activities.

Several meetings were conducted with the Gujarat Land Development Corporation (GLDC) for leveraging land leveling and soil and moisture conservation activities through Govt. schemes. The GLDC has agreed to provide financial support to land leveling activity in the project villages especially for SC / ST category farmers.

The IWRM Committee members were taken on an exposure visit to Sadguru Foundation, Dahod and other integrated water management projects. PRA exercises were carried out in 24 villages and baseline survey of 450 households was completed. The Sujal Samities are involved in carrying out construction of small soil and water conservation structures such as check bunds, grass seeding, gully plugs and wells.

Repair of drinking water sources

Hand pumps and bore-wells are the major sources of drinking water in Meghraj . Bore wells are generally owned by individual farmers whereas hand pumps are used for drinking water by a group of 10-15 households. Looking at the need of the people, especially women, the Sujal Samities undertook repairing of defunct hand pumps as an entry point activity. Through this activity Sujal Samiti could reach a large number of households for creating awareness amongst villagers about the IWRM concept and the functions of the Samiti.



Toilet construction - demonstration pilot at marginalised households

Sanitation is one of the major activities of the IWRM project in Meghraj . Most of the villagers use open places for defecation. This causes various problems like contamination of water sources, spread of diseases etc. Since the inception of this project, emphasis has been given on sanitation. During the year demonstration of 24 toilets has been undertaken in 12 villages.

The Sujal Samiti decided that there will be two demonstrations in each village of which the Extension Volunteer (EV) should be one of the beneficiaries. This is an important decision taken by Sujal Samitis considering that if the EVs themselves do not have sanitation facility at their home, then other villagers may not consider her suggestions and advice in this regard. The second beneficiary for this demonstration should be from the most needy group.

The Sujal Samiti also decided that the beneficiary will be given freedom to construct toilet of their own design. This will lead to involvement of beneficiary in planning, designing and construction of toilet and finally they will use the toilet, which is the ultimate objective behind this demonstration.



The beneficiary will be given assistance of Rs. 5000 from the project and the remaining cost will be borne by him/her.

Out of 24 demonstration toilets seven toilets have been completed whereas remaining 17 toilets are under construction. On an average beneficiary has spent around Rs. 18,000 for construction of toilet including Rs. 5000- support from IWRM project.

Stakeholders meeting for sharing the Water Plans at Panchayat, block and district levels

A stakeholders meeting was conducted at Meghraj wherein 172 participants including 112 men and 60 women from different institutions such as the Panchayat, Watershed Committee, SHGs, Anganwadi workers etc. participated. The main objective of the workshop was to share the concept of IWRM, Sujal Samiti, water plan etc; with different stakeholders and to explore possibilities of convergence with Panchayat, Government departments like WASMO and TSC etc.

Training on Smokeless Chula (Stove)

A one day training programme was conducted on different aspects of smokeless chula for 72 women. The training was facilitated by expert from Sughad, a NGO in Ahmedabad. The benefits and technical method of construction of chulha was explained in detail. Construction of three smokeless chulas was done during training. Participants expressed their willingness for construction of smokeless chulha at their home. Two metal prototypes have been fabricated for undertaking construction of smokeless chulha at large scale. As a result, 56 smokeless chulhas have been constructed in four villages. The average cost of the smokeless chulha is Rs. 300 including cost of pipe.

**Agriculture and Livelihood Enhancement (PIM Plus and Watershed Plus)**

The organisation has been implementing agriculture based livelihood enhancement activities in almost all the PIM and rainfed field units in Gujarat and Madhya Pradesh except the Dhoraji unit in Gujarat. The North Gujarat field units i.e. Visnagar, Modasa, Himmatnagar, Meghraj, Vehlal and



Kujad are supported by RBS foundation assisted LEPNRM project while Vehlal and Dholka unit of Ahmedabad district are supported by SFAC and Govt. of Gujarat. The IKEA International supports BMP cotton project in Visnagar and Dhari units. The administrative cost of the mobile van is met through the grant from RBS Foundation and the van provides fee based services to farmers in Gujarat. The Man and Jobat PIM units are involved in formation of Kisan Clubs and chilly processing through women SHGs. The Mhow IWMP unit is carrying out agriculture production and livelihood related activities as a part of IWMP assisted by Govt. and ITC Ltd.

The activities carried out in all these projects are quite similar i.e. developing farmers' collectives, extension of better crop management practices, access to information, capacity building of farmers, value addition and developing appropriate market linkages etc.

i. Livelihood Enhancement through Participatory Natural Resource Management (LEPNRM) in Gujarat

DSC is implementing the second phase of LEPNRM project-II in both irrigated and rainfed areas of Mehsana, Sabarkantha, Ahmedabad and Gandhinagar districts of Gujarat since October 2011. The project covers about 139 villages and 44,000 farmers. The highlights of the activities carried out during the year are given below;

- About 30,000 farmers have been registered and their input output demand estimates have been computerized for developing a decentralized web based MIS data bank.
- About 200 Kisan Clubs have been formed registering 4,000 members. These are common interest groups and will be linked with umbrella producer company
- About seven women enterprise groups have been formed that are involved in spice, pulse and organic inputs. The women enterprise groups have developed business plan worth Rs. 17.50 lakhs seeking Rs. 9.5 lakhs grant support (as revolving fund) to produce 9 tons spice, 4100 liters bio pesticides and 118 tons vermin compost.
- Crop and technology demonstrations have been initiated by farmers with the linkage of Agriculture University and the Gujarat Green Revolution Company. Drip Irrigation system was introduced in more than 100 hectare land in convergence of GGRC.
- About 40 tons wheat seeds including three tons foundation seeds was produced by Kisan Clubs of Visnagar, Modasa and Himatnagar field units. In addition, about one ton spice seed was developed with buy back agreement with private seed company in Himatnagar and Modasa field units



- The mobile soil testing van tested 4,000 soil samples earning revenue worth Rs. 2 lakhs. On DSC's request, the Govt. of Gujarat has expressed interest to provide financial support to DSC for scaling up its soil testing services under Govt. soil health card schemes. This arrangement will enable DSC to make financial viable the mobile van.

- The Dhari and Visnagar field units have developed market linkages with local reputed ginners for procurement of seed cotton under Better Cotton Management Project activities.

Innovations

- **Honey Bee Keeping:** Under The Mango Tree (UTMT) an agency based in Mumbai conducted a feasibility assessment for honey Bee Keeping project in LEPNRM project areas. The team leaders, agriculture experts and some of the men and women interested in taking up this activity will be visiting the UTMT project in South Gujarat. About 10 families initiated honey bee keeping in Visnagar and Meghraj field units with the technical collaboration of UTMT, Mumbai. It is expected that each bee keeping family will fetch an additional income of Rs. 18,000 per year from the selling of honey.
- Looking at the extent of animal menace, a pilot solar fencing demonstration was carried out in Shika village of Modasa. This demonstration will help in training farmers to combat this menace that causes major destruction of crops. From the initial response, it seems that the farmers are willing to adopt this technology.
- One agri-clinic was promoted in Visnagar field unit on enterprise model. The agri clinic will be developed and managed by an agriculture extension worker trained by DSC for the past four years.

Reforming the Farmer Producer Company (FPC)



The DSC has initiated a number of cluster level producer groups of both men and women. Looking at the need of an umbrella organisation, it was decided that the Dhari Krishak Producer Company initiated by DSC in 2006 needed to be re-structured. Under the guidance of DSC Governing Board and with financial support from the RBS foundation, it undertook a series of activities described below to build the capacities of staff, strengthen the governance of the FPC and develop a business plan for the next 2-3 years.

- The DSC Programme Team and CBO leaders visited successful farmer collectives in Uttarakhand, Jharkhand, Madhya Pradesh, Gujarat and Maharashtra in order to learn from their experiences and practices.
- The Dhari Krishak Producer Company has resolved to broad base the Company and increase in membership by involving farmers from DSC's operational area in North and Central Gujarat. It was also decided to shift the headquarters from Dhari to Ahmedabad and appoint a full time Manager for implementing the business plan.
- DSC conducted a series of brainstorming workshops with farmer-leaders for reforming the FPC and deciding the structure, share fee and activities. It was decided to form a three tier structure including Kisan Clubs/ FIGs at bottom level, Cluster level Association at intermediary level and Farmer producer Company at State level (Ahmedabad).
- The formation of cluster level associations of Kisan Clubs in Himatnagar, Visnagar, Modasa, Meghraj, Kujad by Kisan Clubs/ FIGs has been completed and share fees of Rs. 2.5 lakhs @ Rs. 500 per farmer has been collected.
- Three women federations in Visnagar, Himatnagar and Modasa with about 600 members have been formed for developing women led short value chains and credit linkages.
- The Board of DKPCL comprising of 12 primary producers and outside professional members with experience in marketing, banking and a farmer organisation will be reconstituted. The Chair would be an eminent professional, ideally from the DSC Board, so as to mentor and represent DKPCL to the outside stakeholders, while the two Vice-Chairpersons will be a male representative from Farmer Club- and a woman member from a SHG. The DKVPCL Board would have at least one-third women (two from local groups, one from federations, and one professional).
- The company has developed plan for input supply worth Rs. 65 lakhs in upcoming Kharif and Rabi season 2013 with an estimated profit of about Rs. 2 lakhs.

ii. National Vegetable Initiative and National Pulse Development Programme

The DSC has promoted Farmer Producer Organizations (FPOs) with the financial assistance of Small Farmer's Agribusiness Consortium (SFAC) in Ahmedabad district. The National Vegetable Initiative (NVI) project for 1500 farmers was launched in 25 villages of Daskoi and Sanand Blocks and the Pulse Development Programme (PDP) was for 1000 farmers in 13 villages of Dholka and Bavla blocks of Ahmedabad district. The NVI programme is implemented by the Kunjad field unit and the Pulse programme is implemented from Dholaka in collaboration with a local partner agency. About 68 FIGs have been formed in the NVI project while about 40 FIGs have been formed in the Pulse Development programme.



The registration process of Vegetable and Fruit Producer Cooperative in Kunjad and Pulse Producer Cooperative in Dholka is completed. Both the Cooperatives initiated share fee collection process to mobilize capital money worth Rs. 3 lakhs each.

Four exposure visits and two training programmes were conducted for formation of Farmer Producer Organisation in the two projects. The farmers were sent on exposure to Visnagar, Himatnagar and Chotila area of AKRSPI to understand the benefits of farmer collectives of pulse and vegetables. A workshop of FIG leaders was organized in Kunjad for formation of vegetable Cooperative wherein they unanimously resolved to form a cooperative for marketing of vegetables.

About 1500 farmers carried out crop demonstrations in collaboration with the State Agriculture Department. The field unit prepared business plans for the vegetable FPOs after participation in business plan development training at Pune. A series of meetings were organized with the State Horticulture Mission Gandhinagar and Joint Director, Pulse for planning of market tie ups under the two projects.

iii. Better Cotton Management Project

The IKEA International Hongkong, one of the largest retail chain company of Europe has been supporting DSC in promoting better cotton management practices in two locations of Gujarat including Dhari and Visnagar for the last two years. The IKEA and DSC have initiated the second phase of the project from July 2012 to March 2015. The project will cover about 12000 farmers under extension services, and farmers' institution building.



More than 5,000 farmers are registered under the project. Two ginning agencies visited the project villages in Visnagar and Dhari for procurement of seed cotton from the farmer's door steps. More than 20 capacity building programmes were conducted for 1100 farmers. Motor operated cotton picking machine, improved spray pumps and cotton plant digging tools were provided to the Kisan Clubs tools library.

4. CAPACITY BUILDING

Participatory Irrigation Management (PIM)

PIM training through WALMI-DSC collaboration

Since September 2009 DSC has collaborated with Water And Land Management Institute (WALMI), Anand for conducting training programmes on PIM for WUAs, Irrigation Department officers and NGOs from eight irrigation circles covering 60,000 ha. The three year long DSC-WALMI collaboration was formally completed in August 2012. The major achievements of capacity building activities are as under:

- DSC conducted 109 training programmes of which 42 were class room based and 67 were field based. About 256 field level officers from Irrigation Department and NGO functionaries and 744 functionaries of WUAs benefited from the in-house training programmes while field level training programmes benefited 1659 field officers of Irrigation Department and NGO functionaries and 4211 WUA representatives. About 43 exposure visits to successful WUAs were organised for farmer to farmer learning.



The Govt. officers especially field engineers were sensitized towards the processes of PIM and therefore their working relation with WUAs improved as a result of training programmes. About 37 experienced farmers were associated in the training programmes as co-trainers

Findings of training Impact assessment study:

DSC and WALMI jointly conducted a rapid impact assessment study of the training programmes. Around 79 representatives from WUAs and 40 Irrigation Department field officers were interviewed. The major findings of the study were:

(A) Impact observed by Field officers of Irrigation Department

- About 85% field officers felt that their knowledge and skill for implementing PIM was enhanced due to training programme conducted by DSC.
- About 62% field officers initiated forming WUAs in their jurisdiction. About 72 new WUAs were formed after the training programmes covering 33836 hac command area.
- About 82% field officers felt that they are now able to make better coordination with farmers and WUAs.
- About 72% field officers were able to replicate the learning from exposure visit in their jurisdiction.
- About 65% field officers started using communication material for promoting PIM.

(B) Impact observed by Office bearers of WUA

- About 78% office bearers were able to increase farmer membership in their WUA after participating in training programmes increasing the number by 1940 member.
- About 86% office bearers could maintain the office records in a systematic manner.
- About 74% office bearers provided irrigation water to tail end farmers. After participating in training programme they were able to give irrigation water to around 2996 farmers for the first time.
- About 62% office bearers could resolve technical problems of canal in consultation with the Irrigation Department.
- About 88% office bearers felt that they could make better coordination with Irrigation Department.
- About 85% office bearers were able to replicate the learning from exposure visit in their WUA.
- About 88% office bearers started to use communication material for creating awareness among the farmers in their WUA.

Training programmes on Watershed Management

DSC Ahmedabad has been organising training programmes on Participatory Watershed Management for Government organisations, Non-Government organizations (NGOs) and Community Based Organization (CBOs). The organization has conducted 29 training programmes for Gujarat Watershed Management Agency in the year generating 4600 participant days. Participants from six districts namely Ahmedabad, Amreli, Bhavnagar, Gandhinagar, Mehsana and Sabarkantha were covered in the programmes. The training programmes can be classified as follows; Basic Training Course, Accounts & Record keeping, Institution Building, Leadership

development and Vision Building, Information Education Communication, Micro Enterprise Development, Training of Trainers, SHG management, Technical aspects of watershed management, workshops and exposure visits.

DSC organized two programmes on management of participatory natural resources for the students of Enterprise Development Institution (EDI) Ahmedabad and a delegation from Afghanistan. Training on watershed entry point activity, accounts management and procurement process were conducted for the Gujarat Ecology Commission. DSC also provided resource persons to WALMI Anand, NIRD and the six districts for facilitating various programmes and workshops.

5. COMMUNICATION

Development and dissemination of user-friendly communication material has been the main activities of DSC. The print and audio visual material developed by DSC have been used extensively by practitioners as well as policy makers in several states such as Gujarat, Madhya Pradesh, Odisha and Maharashtra. During the year, the following materials were developed.

Based on the vast experience of promoting PIM and strengthening WUAs, DSC developed a Farmer's Hand book on PIM in Gujarati and Hindi. The national and state level agencies have appreciated the quality of material and its usefulness. In addition, a "PIM Parichay Pustika" in a question answer format was also developed in Gujarati for the farmers of Gujarat.



A user friendly pictorial manual on Integrated Watershed Management Project (IWMP) for community members was developed in Hindi. The manual would be useful for village level functionaries of the IWMP in understanding the concept, processes and better practices of IWMP.



The 16th Issue of the quarterly magazine Divadandi was published during the year. Based on the demand of farmers, a regular column on value chain development and enterprise development was included in the magazine.

6. RESEARCH AND DOCUMENTATION

DSC conduct topical studies of various types within its own operational areas as well as other parts of the state and the country. The issues for study are identified through a consultative process between practitioners, academicians and policy makers. The entire process of designing and finalizing the study is guided by the Research Advisory Committee. The Following research studies were carried out during the year.

i. A Policy brief and study report on Impact of Participatory Irrigation Management on Economic growth

This study was carried out in four States with guidance from Prof R Parthsarthy of CEPT. It is based on some successful initiatives in promoting PIM in Andhra Pradesh, Madhya Pradesh, Maharashtra and Gujarat. The findings indicate that PIM has made positive impact in increasing agriculture production and on improving incomes.

ii. A Study on Conjunctive Use of Canal and ground water

This study was carried out in collaboration with IWMI Anand. It looks at the different uses of water in the command area of the Guhai Irrigation Scheme in Sabarkantha district.

iii. The status of Commons in Maan and Jobat projects

This study was carried out in one village each of Maan and Jobat projects in collaboration with SEVA Mandir, Udaipur. It studies the de-facto and the de-jure status of commons and the changing land use pattern over the years.

iv. Preliminary evaluation of IWMP projects in two districts of Gujarat.

The Gujarat State Watershed Management Agency assigned DSC to conduct preliminary evaluation of the Integrated Watershed Management Projects in two districts. Fourteen projects including eight of Surendranagar district and six of Banaskantha district were evaluated.

v. Impact Assessment Study in Maan and Jobat projects

At the request of DSC, a third party Impact Assessment Study of PIM in Man and Jobat projects was conducted by Prof Harekrishna Misra and Prof KV Raju of IRMA, Anand. The study indicated increase in participation of water users through social mobilization and strengthening of WUAs through DSC's interventions.

Action research project on Management of Aquifer Recharge

DSC in collaboration with the Australian Centre for International Agriculture Research (ACIAR), University of Western Sydney (UWS) and International Water Management Institute (IWMI) is undertaking an action research project on Management of Aquifer Recharge in six villages of Meghraj block. During the year DSC carried the following activities.

Socio-economic Survey

Socio-economic survey has been conducted by a team of enumerators in 11 villages of Meghraj block wherein 500 samples were collected. Various tools were prepared to collect the data.

Well/Tube well Inventory

Well/tube well inventory exercise was carried out in six villages of Meghraj block wherein 229 wells and 559 tube wells were surveyed. The key findings of the survey are:

- In all the six villages most of the wells have dried up since last 10 – 15 years. Only 4 wells are functional each in Dhandhia, Valuna, Bhatkota and Ranjedi and these four wells are more than 100 feet deep and have a bore inside.
- Average depth of well is 50-100 feet while average depth of tube wells is 200 – 300 feet.
- Most of the bore wells are having 3 phase electricity connection with 5 HP motor and only some bore wells are having single phase connection with 2 HP motor
- Operating hours of bore wells are 8 hrs during Rabi season and during rest of the period bore wells are used for drinking and domestic use.
- All the farmers are aware that wells have dried up due to deep bore wells since last 10 – 15 years
- Number of bore wells have increased rapidly after the Year-2000. Since last 1-2 Years farmers are digging bore wells with depth >300 feet

Training of Bhujal Jankars

In six villages of Meghraj block 11 Bhujal Jankars have been appointed. Two training programmes have been conducted to building their capacities on groundwater management well inventory and mapping by Arid Community and Technology (ACT), Bhuj.

Visit of the ACIAR project team to DSC

A team of eminent geo-hydrologists and researchers of the Australian Centre for International Agriculture Research and Rajasthan visited DSC during 17-23rd February 2013. Various activities including fieldwork, survey, policy workshop, report writing, review and planning etc. were conducted during the visit. The team was very happy with the capacity building of Bhujal Jankars and survey conducted by DSC. The method and tools for data collection, developed and used by DSC during socio-economic survey were appreciated by the team.



The team conducted extensive field work for two days in three villages of Meghraj block. During the field work the team was divided in various groups such as Geo hydrology group, school and community engagement group, agriculture group, gender group. They conducted various activities like data collection on geo-hydrology and agriculture practices from the farmers, a movie show on water cycle and live demonstration of aquifer in schools of three villages. The team conducted a school survey to map the level of awareness on water issues among school children. A gender survey and survey on agriculture practices was also conducted. Preliminary findings from the information collected were shared with community by the team. The data has been compiled and an action plan for the next year was prepared at DSC, Ahmadabad.

IWMI-TATA workshop on Water Policy

The Annual Partners' Meet (APM) of IWMI-TATA Water Policy Program (ITP) was organized at IRMA, during November 28th-30th 2012. Many research studies on various issues of water, energy, agriculture, MGNREGA etc. were presented during the meeting. About 150-200 participants from academia, civil society, governments and young students, researchers and practitioners who have contributed to ITP research as partners attended the meet. Findings of the study "Whose Water Is It Anyway? Evolving rights over canal water in Guhai irrigation system, Gujarat" jointly conducted by DSC and IWMI was presented during the programme. A presentation also made on another study on "MGNREGA assisted canal rehabilitation under PIM in Dhar, MP" conducted by DSC.

7. POLICY INFLUENCING

Deliberation in Five Year Plan on Major & Medium Irrigation

During the year, DSC shared the recommendations of the Working Group of the XIIth Five Year Plan on Major & Medium Irrigation Schemes in various forums. The Treasurer and the Executive Director also provided detailed comments on the National Water Policy 2012. These observations were shared in the India Water Week conducted by the Ministry of Water Resources, Government of India

Climate Change Knowledge Network for Indian Agriculture

The GIZ had constituted a five member team which included a senior expert from Germany, a Senior Scientist from ICRISAT, a Meteorologist, an ICT expert and the Executive Director, DSC to develop a proposal on the above subject for the Ministry of Agriculture, Government of India. The team visited two states i.e. Maharashtra and Jharkhand and met a variety of stakeholders including farmers, representatives from NGOs, KVKs, Agriculture Universities etc. They studied the current agriculture extension system and the opportunities provided by Information and Communication Technology. A national workshop with practitioners, academicians and senior officers from the Ministry were also conducted to get their views on how farmers could be supported to have timely and reliable information on weather fluctuation and Climate Change. The team thereafter submitted a report to the Ministry on how to go about for setting up of such a network at the state level. Based on the recommendations of the study, a pilot project is likely to be taken up by the Ministry of Agriculture in three states viz. Maharashtra, Jharkhand and Odisha.

Inclusion of PIM in MGNREGA WORK

DSC has recently published the study on Best Practices on MGNREGA for canal rehabilitation in Maan and Jobat projects of Madhya Pradesh. This study was sent to Dr Mihir Shah of the Planning Commission. He immediately got in touch with the Director Programmes and Executive Director to see that this was reflected in the package of interventions which could be carried out under MNREGS by various states. The Ministry has come up with the revised Guidelines for MNREGS which reflects shelf of project which go beyond water harvesting alone. Based on the experience of several NGOs such as AKRSPI, PRADAN, BAIF, ANANDI etc the new shelf of projects allows for interventions in the agriculture, farm forestry, horticulture etc. Based on DSC's work in PIM, now canal rehabilitation work will also be included. Since most of the states face a financial crunch for rehabilitation of canals, tapping MGNREGA funds for such onetime rehabilitation will go a long way for improving the physical system. It has been proposed that about Rs.3000 per hectare would be spent on canal rehabilitation which would have to be under 60-40 ratio. As seen from DSC's experience in Maan and Jobat several works such as desilting, jungle cutting and limited repairs can be undertaken with such funds.

Contribution in the India Water Week

The Ministry of Water Resources conducted the India Water Week from 10-14 April 2012 at New Delhi. Several sessions were conducted during this week which included topics such as water for food security, climate change, water governance, ground water management, urban and rural management etc. The Executive Director was invited as a key note speaker for the topic on capacity building for Water Resources Management. He was asked to provide an overview of the capacity building intervention in the country. Based on DSC's 17 years experience in providing capacity building inputs in both rainfed and irrigated areas in Gujarat as well as other states, he presented an overview comparing different strategies adopted by the Ministry of Water Resources as well as Ministry of Rural Development. He also focused on the need to move beyond training

programmes and to include hand-holding, research and documentation, communication as well as policy enhancement as part of capacity development rather than mere training programmes to individuals. This point was reiterated and emphasized by the second key note speaker Ms Hisaya Sawano, International Expert from the Japanese Bank of International Cooperation.

Workshop on “Policy Dialogue on Groundwater Governance and Managed Aquifer Recharge”

The International Water Management Institute (IWMI) conducted a one day workshop on “Policy Dialogue on Groundwater Governance and Managed Aquifer Recharge” at DSC, Ahmedabad for discussing the policy issues of Management of Aquifer Recharge and groundwater governance on 18th February 2013. Key policy makers, representatives of government bodies like Central



Groundwater Board (CGWB), NGOs, local universities and representatives of research organisation participated in the workshop. The researchers from University of Western Sydney (UWS), International Water Management Institute (IWMI), Advanced Centre for Water Resources Development and Management (ACWADAM), Maharana Pratap University of Agriculture and Technology (MPUAT), Central Ground Water Board (CGWB) and the Commonwealth Scientific and Industrial Research Organization (CSIRO) presented their research studies and shared their experience in groundwater management. The workshop helped to identify research areas that will need

to be addressed in the future for sustainable groundwater management and how the current ACIAR project can effectively contribute to this research over the next two years.

8. OTHER IMPORTANT EVENTS

Anil Shah Gram Paritoshik Award 2012

The ninth Anil Shah Gram Vikas Paritoshik, sixth Gram Sangathan Paritoshik and the fourth Gram Vikas Fellowship were given away at the Ahmedabad Management Association. Mr Rowland Roome, CEO of the Aga Khan Foundation, India was the Chief Guest of the function. Two books namely *“Strengthening Civil Society Participation in Natural Resource Management – Experiences of Sajjata Sangh”*, a Network of 34 NGOs promoted by DSC and *“Enhancing Rural Livelihoods by Enriching Practice and Influencing Policy – Experiences of DSC”* were also launched during the function. The award recipients are as under.



The Anil Shah Award was given away to Mr Biplab Ketan Paul for his work on water management in the arid regions of North Gujarat.

Mr. Rajendra Patel, the winner of the Gram Vikas Fellowship – 2011, is the team leader of Visnagar unit of DSC. He was selected for his commitment and contribution towards developing and promoting best practices in Participatory Irrigation Management (PIM) since 1994.



The Pani Samiti (Drinking Water Committee) of Kharaghoda village of Surendranagar district was selected as first winner for the Gram Sangathan Paritoshik – 2011.

The Thalota Water User's Association was selected as the 2nd winner for its pioneering work in Participatory Irrigation Management (PIM) programme.

The highlights of the two volumes were provided by Dr Astad Pastakia, Free Lance Consultant and Mr Harnath Jagawat, President of the Sajjata Sangh and CEO of Sadguru Foundation



Visit of Iraqi Delegation

At the behest of UNDP India, DSC arranged a two-day visit of senior officers from the Iraqi Government on Participatory Irrigation Management. The delegation wanted to study successful examples on water management in India. Dr Mihir Shah, Member, Planning Commission was keen that they visit the Dharoi project and also meet experts such as Dr Tushaar Shah, Principal Scientist, IWAMI, Anand and Mr V.B.Patel, former Chairman of the Central Water Commission. The delegation went to Kansa village wherein they first visited the canal site and interacted with women, the Secretary and the canal operator. Thereafter they had a meeting with the members of the WUAs and Branch 2 federation. They were keen to know how PIM had benefitted them and led to improved livelihoods.



On the next day the delegation met Dr Tushaar Shah in Anand. The delegation found the discussion very useful as Dr Shah related the Indian scenario with that of Iraq and also shared experiences from China and Australia. In the evening Mr V B Patel has rich experience at the State and National level gave his inputs to the Iraqi delegation on why it was beneficial for the government to promote PIM. As reflected in their questions, they were keen to learn how conflicts were resolved at different levels and how community participation would lead to better management of canals.

Visit of Engineers from Maharashtra

DSC organized a two days exposure visit for 40 newly recruited Executive Engineers from Maharashtra Engineering and Training Academy (META) Nasik. The engineers visited the Dharoi project and DSC Ahmedabad to learn about the best practices of PIM and DSC's role in promoting WUAs at the field and policy level. The partnership of DSC and META entered into third year during this visit. A six member team of WALMI Aurangabad also visited DSC for learning from DSC's experiences on implementation of PIM and capacity building.



Visit by Dr Jeremy Bird, Director General, IWMI

Dr Tushaar Shah had requested DSC to conduct a one day field visit for the Director General of IWMI, Dr Jeremy Bird. Accordingly Dr Bird first visited the SSNNL canal site solar panel project followed by a meeting with the Managing Director of SSNNL, Mr Jagdeesan and the Secretary Water Resources Department Shri S J Desai. Thereafter Dr Jeremy was taken to Dharoi irrigation scheme where he visited the Kansa village and branch canal federation, Visnagar and interacted with Govt. staff and WUA office bearers. Dr Bird was very happy with the visit and appreciated DSC's efforts in building the capacities of the WUA and Federation and also in bringing in harmony between the Department and the farmers. He also appreciated the efforts made by the Superintending Engineer in trying to solve the problems of the farmers.

Concluding Workshop of the Sustainable Community-Based Approaches to Livelihoods Enhancement (SCALE) Project – 2002 to 2012

The Aga Khan Foundation conducted a one day workshop in Delhi to share the achievements of the SCALE partners i.e. AKRSP(I), ARAVALLI, APMAS, PRADAN AND DSC. Special emphasis was given to the participation of community members who had benefitted from the SCALE interventions. Mr Haribhai Choudhary, Secretary of Dharoi Branch II Federation and Babubhai a listener of a radio programme participated along with the Programme staff of DSC. Both Haribhai and Babubhai shared their experiences in this workshop which had more than 200 participants including senior functionaries of the Government, academia and funding agencies. During the concluding session of the workshop, the CEOs of the SCALE partner agencies had a debate on key thematic issues such as institution development, policy influencing, need for supporting network etc which was facilitated by Ms Ranu Bhogal of AKF. It is planned that AKF will take forward some of the issues discussed with other donors and the Government.

Participation in Vibrant Gujarat Summit – 2013

DSC participated in Knowledge Management segment of Vibrant Gujarat – 2013 held at Gandhinagar under the leadership of the Chief Minister. DSC has signed 13 MOUs online with different universities of the state in the areas of agriculture, rural development and extension. The Unit presented the findings of the study on curriculum of Gandhian Institutes in different state level meetings. The Programme Manager (Communication) facilitated a session on Weather change and impacts on agriculture in a workshop organized by School of Law, Gujarat University

9. ORGANIZATION DEVELOPMENT

Gender Mainstreaming in water management

With the help of Gender and Water Alliance, DSC conducted a 3-day workshop on the above topic for its staff. About 22 participants from the various field units in Gujarat and MP as well as professionals from the Head office participated in the same. The programme was anchored by Ms Joke Muylwijk, an international expert, Ms Jhansi Rani from A.P., Ms Meena Bilgi - freelance consultant and Ms Manju Ravi.



On the first day, participants focused on the problems they face while trying to involve women as well as men in meeting, training programme and decision making. This was followed by in-depth understanding of the concept of gender and followed by discussions on the possible strategy that could be adopted for increasing women's participation water management. During the last day, the participants developed a gender action plan for their respective fields.

The staff also participated in the following training programmes:

- Mr. Gordhan Katariya, Training Coordinator participated in a training programme "Integrated Watershed Management and Collective enterprises" conducted by IRMA from 27th to 31 August 2012.
- Mr Bharat Patel, Agriculture Specialist, Mr Hiren Parmar, Team leader and Mr Naren Sagan, In-charge Team leader, participated in Value Chain Development training at Chennai.
- Mr. Jaswant Chauhan, Manager Enterprise development participated in the Business development Training organised at Pune, by SFAC.
- Ms. Seema Dave, Program Executive Research and Mr. Ashish Patel, Programme Executive participated in Ground Water Hydrology and GIS at ACT, Bhuj.
- Mr. Vinay Tripathy, Sr Manager Water Resources, Mhow, participated in technical training organised by ITC Bhopal.
- The Meghraj and Visnagar unit teams participated in Honey Bee Keeping training organised by UTMT, Valsad.
- The senior staff from central office visited Devbhumi Producer Company Uttarakhand

10 SAJJATA SANGH

Programmes:

Weather Insurance

During Kharif 2012, nine NGO partners of Sajjata Sangh participated in the weather insurance scheme wherein 3306 farmers covering 3382 acres were covered. The total premium for cotton, groundnut, paddy and maize was Rs 37.02 lakhs of which the farmers paid Rs 18.88 lakh and the NABARD provided a subsidy of Rs 18.14 lakhs. Against this a payout of Rs 67.08 lakhs has been made to farmers by the Insurance Companies (AIC and HDFC Ergo). Sharing of Sajjata Sangh's experience in weather insurance has been done with the state government and policy level recommendations have been made to scale up weather insurance in Gujarat.

Avaaj Otalo

The Sajjata Sangh had developed the mobile phone based agriculture advisory services "Avaaj Otalo" since the last five years through the support of the Aga Khan Foundation and European Union. The Sangh carried out an Impact Assessment Study of Avaaj Otalo programme through a consultant. In addition, two students from Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar interviewed 30 farmers to get their feedback on the design of AO and provide recommendations to make AO more user friendly. The recommendations emerging from the studies have been adopted to improve AO services and re-launch it with a new strategy.

Agribusiness and Value Chain Development

At the request of Small Farmers' Agri-business Consortium (SFAC), DSC & Sajjata Sangh conducted a one day workshop on Farmer Producer Organizations (FPOs) in collaboration with FWFB on 14th May 2012. About 50 prominent NGOs, FPOs, representatives from government agencies, banks and other stakeholder agencies participated in this meeting which was chaired by Mr Pravesh Sharma, Managing Director of SFAC. The Managing Director of the Gujarat Agro Industries Corporation (GAIC), Mr Singh also participated in the concluding session wherein it was unanimously decided that Sajjata Sangh would anchor the process of strengthening FPOs in Gujarat.



The Small Farmers Agribusiness Consortium has appointed Sajjata Sangh as a Local Host Organization (LHO) to identify Farmers Producers Organizations (FPOs) doing agribusiness and develop and anchor a state level committee of these FPOs. This project involves formation of a State Level Committee of FPOs (SLCFPO) with the purpose of enhancing competitiveness of FPOs and facilitating agribusiness.

A consultation meeting with member NGOs of Sajjata Sangh and other key stakeholder NGOs was organized in the month of October 2012 to take their inputs regarding forming the forum of FPOs. The first meeting of FPOs was organized on 27th November 2012, wherein the forum was formally formed and is now known as 'Gujarat Rajya Krushak Manch'. This was followed organizing the first meeting of Executive Committee meeting of the forum on 28th December 2012.

Workshops/Events/Exposure Visits

Book Release Function of the book “NGOs of Gujarat and Their Contribution to the State’s Agriculture:

Sajjata Sangh felt that the contribution of Gujarat’s NGOs in agriculture development was not visible and not recognized though many of the member NGOs of Sajjata Sangh worked intensively in the field of agriculture and allied activities. Therefore, it was decided to conduct a study in this area. The task of this scientific study was assigned to very imminent international researchers, Prof. Tushaar Shah and his colleagues in INREM Foundation & IWMI. The main purpose of this study was to find out NGOs contribution to agriculture development in the background of Gujarat’s overall performance in this field.



The book release function was organized on 25th June 2012. Shri Dilip Sanghani- Minister of Agriculture & Cooperation, Government of Gujarat(GOG), Shri Bhupendrasinh Chudasama- Vice Chairman, State Planning Commission, GOG, Dr. Y.K. Alagh Ex-Chairman of IRMA and a noted economist and Dr. A.M. Shekh Vice-Chancellor of Junagadh Agriculture University participated in the function and provided their inputs.

Congregation of women farmers:

A Congregation of women farmers from Tribal Areas Of Gujarat was jointly organized by Sajjata Sangh and Deepak Foundation, Vadodara on 6th October 2012. Approximately, 600 women farmers of tribal Gujarat from working areas of 10 partner NGOs of Sajjata Sangh, participated in this event.

SFAC-FAO Consultation on Post 2015 Development Agenda

SFAC was selected by Food and Agriculture Organization (FAO) of UN to hold consultation with farmers association to gain insights on the future development agenda post 2015. Representative from Sajjata Sangh, SEWA Rudi and 3 Farmer Producers Organization’s (FPO) representatives from Gujarat participated in the National Consultation held at SFAC, New Delhi on 19th February 2013.

Regional Meetings

Two Regional meetings were organized to get insight about the ground level realities, needs of partners and farmers that could be addressed through a common platform, identify policy level issues which could be taken up with relevant authorities, etc. These regional meetings were organized by SAVA, Jamnagar for Saurashtra and Kutch Region and by Shroff Foundation, Chhota Udaipur for South Gujarat region.

11. DSC FOUNDATION

The DSC Foundation is registered under Section 25 of the Companies Act 1956 in March 2012 in Delhi. It has seven Directors at present. The main goal of the Foundation is to provide know-how, guidance and necessary assistance in the field of Participatory Natural Resource Management and Livelihood to community based organizations, NGOs, government agencies and the private sector. These include conducting evaluation/ impact assessment studies, training programmes and hosting exposure visits for national and international participants. During the first year of its inception the Foundation carried out the following activities.

State level workshop for 'Operationalization of PIM in Odisha

The Water Resources Department of Government of Odisha organized a workshop on Operationalization of PIM in Odisha on 22 August, 2012 at WALMI, Bhubaneswar in collaboration of DSC. The Administrator Director of DSCF and the Manager (PIM) of DSC facilitated the workshop and also shared experiences of various states in PIM. Around 110 Executive Engineers from the Water Resources Department, Odisha participated in the programme. The Chief Engineer, Minor Irrigation and other senior officers addressed the workshop.

Contribution to West Bengal Accelerated Minor Irrigation Development Project and Odisha Tank Management Project

The Administrative Director was invited by the World Bank project task Team for short term consultancy on PIM and Irrigation Management support to West Bengal Accelerated Minor Irrigation Development Project. The professional inputs were provided for developing holistic process of WUA strengthening, developing milestones of NGOs and their reporting system in the WBADMIP.

He was also invited by the Centurion University and the World Bank assisted Odisha Tank management for providing inputs on conducting training need assessment and developing capacity building modules on PIM.

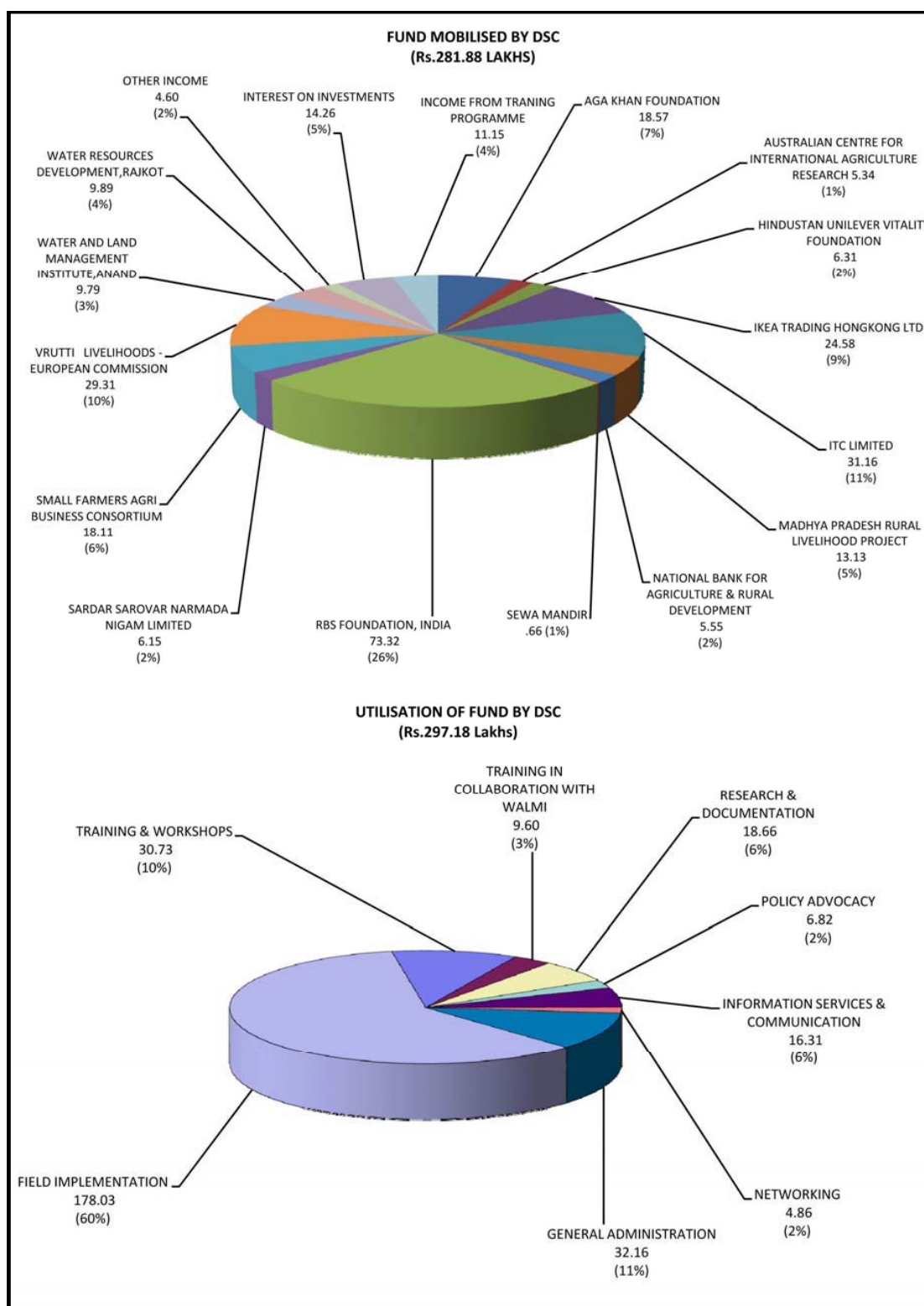
ANNEXURES

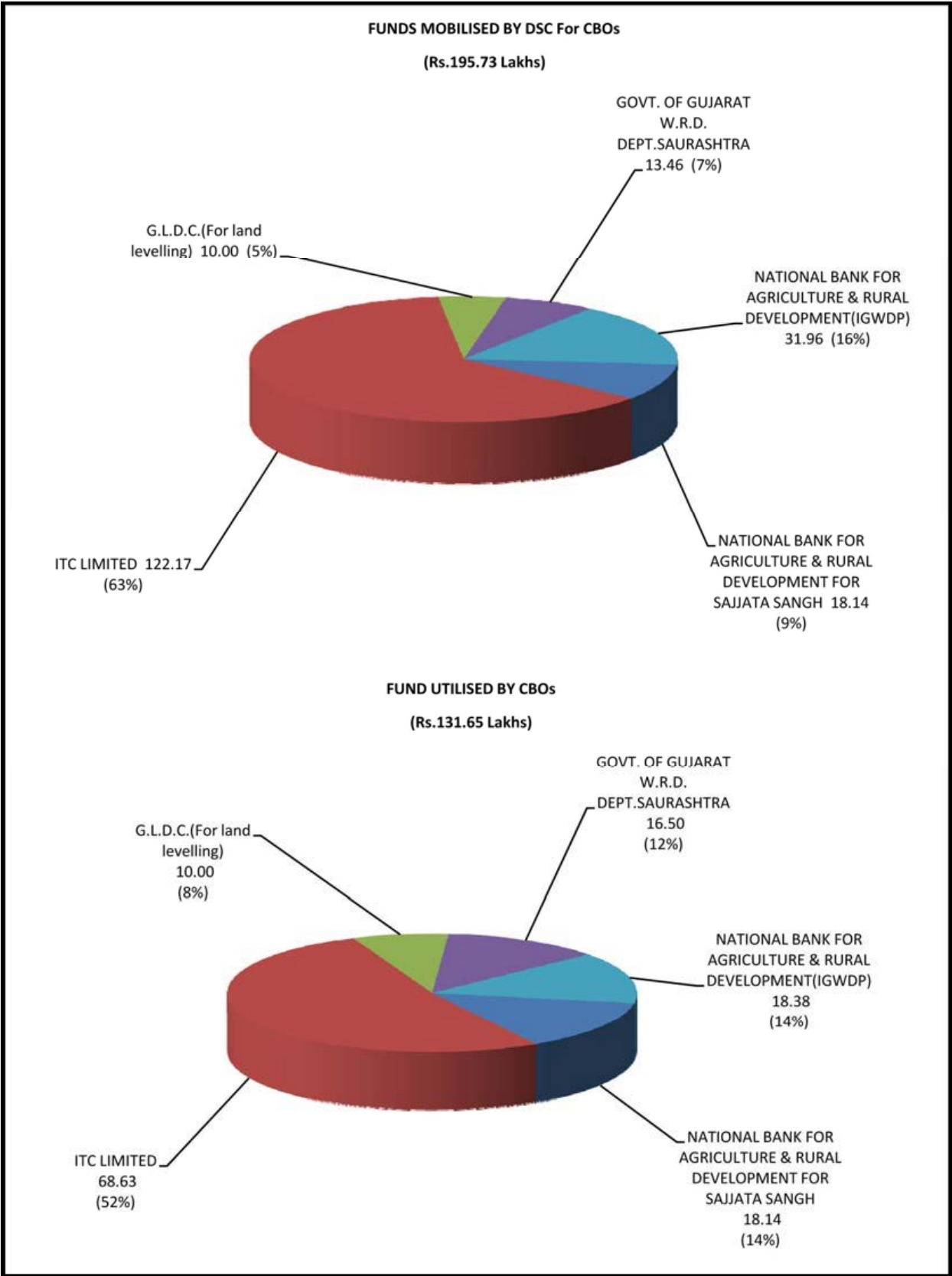
PUBLICATIONS

Participatory Irrigation Management	
1	The deprived in the command area of irrigation systems
2	Women, Water, Irrigation
3	Tail-enders and other deprived in canal irrigation systems
4	Cost Benefit analysis of PIM
5	Water for domestic use on Irrigation Cooperative's agenda
6	Farmer managed water distribution through irrigation cooperatives: the case of Dharoi irrigation project in Gujarat
7	Farmer perception about membership of Irrigation Cooperatives
8	The status of tenant farmers in the command area of DSC
9	Use of NREGA funds in Maan and Jobat irrigation projects in MP
10	Best Practices on MNREGS assisted canal rehabilitation under PIM in Dhar, MP
11	Study on Designed capacity of the Dharoi dam Vs Actual Command Area irrigated
12	Policy Brief on Impact of PIM on Economic Growth based on 4-state study
13	Study on Conjunctive use of canal and ground water on Guhai Irrigation Scheme
14	Impact Assessment of PIM in Maan and Jobat Projects
Watershed Development	
1	Equity in benefit distribution in watershed
2	Policy changes that didn't work: Forestland in watershed
3	Policy brief on Post-project management and use of the Watershed Development Fund in four States of India
4	Time series study on impact of watershed development on drought-proofing in selected villages of Gujarat
5	Livelihood Augmentation in Rainfed Areas (LARA) Handbook (4 volumes)
6	Cost Benefit analysis of Watershed Programmes
Drinking Water	
1	Drinking water security in watershed villages.
2	Convergence of watershed development programme and NREGA to ensure drinking water security in Gujarat – Where do we stand?
Others	
1	Operationalising participatory approach in Natural Resource Management
2	Joint Forest Management: 37aximizing costs, 37aximizing benefits
3	Sequential steps for empowering community organisations
4	Understanding resistance to change
5	Bopal Declarations
6	Enhancing Rural Livelihoods by Enriching Practice and Influencing Policy – Experiences of DSC

FINANCE

During the year 2012-13, DSC could mobilise Rs. 477.61 lacs. Out of the total funds of Rs. 477.61 lakhs mobilised by DSC, Rs. 281.88 lacs (59 percent) passed through DSC's books of accounts and Rs. 195.73 lacs (41 percent) was directly mobilised by DSC for the Community Based Organisations (CBOs). DSC and the CBOs have utilised Rs. 428.83 lacs. The following pie charts depict the source of funds and their utilisation for DSC as well as CBOs.







CHANDRAVADAN A. SHAH & CO.

CHARTERED ACCOUNTANTS

801- A, Sahajanand Complex, Shahibaug Road, Ahmedabad-380 004.
Phone : (O) 25622206 (R) 26852895 E-mail : cashah52@yahoo.co.in

AUDITOR'S REPORT

NAME OF THE PUBLIC TRUST : DEVELOPMENT SUPPORT CENTRE
MARUTINANDAN VILLA,
NEAR GOVT. TUBEWELL, BOPAL
AHMEDABAD

TRUST REGISTRATION NO:- F / 4260 / AHMEDABAD

We have audited the Accounts of the above named Trust for the year ended on 31 St. March, 2013 and beg to report that –

These financial statements are the responsibility of the trustees of the trust. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with the Auditing Standards generally accepted in India. Those Standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by the trustees as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion. Further to the above, we state that

1. The accounts are maintained regularly and in accordance with the provisions of the Act and Rules.
2. Receipts and disbursements are properly and correctly shown in the accounts.
3. The cash balance and vouchers in the custody of accountant on the date of audit is in agreement with books of accounts of the Trust.
4. Books, deeds, accounts, vouchers and other documents and records required by us were produced before us.
5. An inventory certified by the trustee of the movables of the Trust has been maintained.
6. The Accountant / trustee appeared before us and furnished the necessary information required by us.
7. No property or funds of the trust were applied for any object or purpose other than the objects or purposes of Trust.
8. The amount outstanding for more than one year is Rs.NIL and the amount written off is Rs. NIL.
9. There are repairs exceeding Rs.5000 during the current financial year for which no tenders were invited.
10. No money of the Trust has been invested contrary to the provisions of section 35.
11. No alienation of immovable property has been made contrary to the provisions of section 36.
12. Any special matter to be reported: Please refer schedule N.

PLACE : AHMEDABAD

DATE : 25-6-2013

FOR CHANDRAVADAN A. SHAH & CO.
CHARTERED ACCOUNTANTS

(C.A. SHAH)
PROPRIETOR
M.No.031736
Firm Reg. No. 101692W



DEVELOPMENT SUPPORT CENTRE - AHMEDABAD
MARUTINANDAN VILLA, NR. GOVERNMENT TUBE WELL
BOPAL, AHMEDABAD - 380 058.
SOCIETY REG. NO. 4400/A/BAD, TRUST REG. NO. F/4260/A/BAD
BALANCE SHEET AS ON 31ST MARCH 2013

FUNDS & LIABILITIES	SCHE DULE	2012 - 13		2011-12		ASSETS	SCHE DULE	2012 - 13		2011-12	
		AMOUNT RS.	AMOUNT RS.	AMOUNT RS.	AMOUNT RS.			AMOUNT RS.	AMOUNT RS.	AMOUNT RS.	AMOUNT RS.
TRUST FUND	A		2,500.00		2,500.00	FIXED ASSETS	C		23,126,878.28		21,471,543.28
CORPUS FUND	A		125,000.00		125,000.00	INVESTMENTS	G		27,925,066.33		26,913,376.62
FORD FOUNDATION ENDOWMENT & MATCHING FUND	A		32,208,224.33		31,497,790.40	DEPOSITS	H		75,062.76		47,539.76
EARMARKED FUND	A		5,428,208.86		4,949,762.08	ADVANCES	I		3,310,799.12		2,276,219.03
REVOLVING FUND	A		622,109.00		622,109.00	GRANT RECEIVABLES	J		2,204,055.73		2,371,272.38
RESERVES & SURPLUS			2,080,206.05		2,080,206.05	RELEASE FOR INNOVATIVE PROJECTS	K		265,320.00		265,320.00
DEPRECIATION FUND	C		12,578,275.57		11,448,584.97	CASH & BANK BALANCES	L		6,443,814.83		8,604,397.53
CAPITAL EXPENDITURE GRANT						INCOME & EXPENDITURE	B		4,299,942.98		1,588,557.45
BALANCE AS PER LAST YEAR			7,933,859.98		7,715,185.98	APPROPRIATION ACCOUNT					
ADD - RECEIVED DURING THE YEAR	F		1,364,178.00		218,674.00						
					7,933,859.98						
LOAN FROM NABARD	D		285,600.00		342,800.00						
CURRENT LIABILITIES	E		728,560.50		427,604.50						
UNUTILISED GRANTS	F		4,294,217.74		4,108,009.07						
TOTAL			67,650,940.03		63,538,226.05	TOTAL			67,650,940.03		63,538,226.05

As per our report of even date annexed herewith

Place :- Ahmedabad
Dated :- 20.06.2013For Chandravedan A. Shah & Co.
Chartered AccountantsC. A. Shah
Proprietor
Membership No. 31736
Firm Reg.No. 101692W

The above Balancesheet to the best of our belief contains a true account of Funds & Liabilities & the Properties and Assets of the Trust.

Vijay Mahajan
Chairman

V.B. Patel
Treasurer

Sachin A. Oza
Executive Director

DEVELOPMENT SUPPORT CENTRE - AHMEDABAD
MARUTINANDAN VILLA, NR. GOVERNMENT TUBE WELL
BOPAL, AHMEDABAD - 380 058.

SOCIETY REG. NO. 4400/A/BAD, TRUST REG. NO. F/4260/A/BAD
INCOME & EXPENDITURE FOR THE YEAR ENDING ON 31ST MARCH 2013

EXPENSES	SCHE DULE	2012-13		2011-12		INCOME	SCHE DULE	2012-13		2011-12	
		AMOUNT RS.	AMOUNT RS.	AMOUNT RS.	AMOUNT RS.			AMOUNT RS.	AMOUNT RS.	AMOUNT RS.	AMOUNT RS.
TO SALARIES - GEN. ADMINISTRATION		476,032.25		763,867.28		BY GRANTS	F	25,187,306.25		25,000,327.84	
TO OFFICE OPERATION EXP		1,947,612.35		1,392,341.19		BY INTEREST		1,426,218.03		1,570,602.24	
TO INSURANCE CHARGES - OFFICE BUILDING		20,016.00		40,357.03		BY INCOME FROM WATERSHED TRAINING PROGRAMMES		1,114,729.36		811,557.38	
TO MUNICIPAL TAXES		10,850.00		10,450.00		BY INSTITUTIONAL FEES		6,000.00		98,050.00	
TO PAYMENT TO AUDITORS		50,000.00		50,000.00		BY CONTRIBUTION FOR TRAINING CENTRE FACILITIES		40,093.00		125,827.00	
TO CONTRIBUTION TO ADMIN FUND CHARITY COMMISSIONER		50,000.00		50,000.00		BY MISCELLANEOUS INCOME		102,808.00		92,983.00	
TO VEHICLE FUEL, REPAIR & MAINTENANCE		126,101.00		154,468.00		BY DONATION		50,000.00		-	
TO TRAVELLING EXPENSES		535,203.00		489,577.00		BY CONSULTANCY FEES		55,940.00		241,250.00	
TO GRAM VIKAS & GRAM SANGATHAN PARITOSHAK EXPENSES				7,800.00		BY CONTRIBUTION FROM FARMERS FOR KRISHI MELA		-		63,500.00	
TO CAPACITY BUILDING EXPENSES		2,990,218.69		2,047,659.98		BY CONTRIBUTION FOR SOIL TESTING MOBILE VAN		129,799.00		268,090.00	
TO STAFF DEVELOPMENT TRAINING		83,130.00		42,552.50		BY PROJECT OVERHEADS REIMBURSED		204,682.80		500,138.82	
TO RESEARCH PROJECT EXPENSES		1,866,281.21		2,811,845.07		BY PROFIT ON SALE OF FIXED ASSETS		273.63		801.46	
TO POLICY ADVOCACY EXPENSES		682,161.00		810,886.98		BY SUNDRY CREDIT BALANCES WRITTEN OFF		-		16,668.00	
TO COMMUNICATION & INFORMATION SERVICES		1,631,019.23		3,601,679.77		BY EXCESS OF EXPENDITURE OVER INCOME C/O TO INCOME & EXPENDITURE APPROPRIATION A/C	B	2,683,948.41		1,345,945.44	
TO PROGRAMME EXP (IRRIGATED AREA FIELD UNITS)		10,778,075.68		8,858,712.84							
TO PROGRAMME EXP (RAINFED AREA FIELD UNITS)		7,025,276.97		3,885,405.44							
TO PIM CAPACITY BUILDING EXPENSES IN COLLABORATION WITH WALMI		959,666.34		1,559,128.31							
TO NETWORKING ACTIVITY EXPENSES		485,863.10		1,968,142.24							
TO DEPRECIATION		1,154,492.68		1,245,333.35							
TO SUNDRY DEBIT BALANCES WRITTEN OFF	C			13,944.00							
TO TRANSFER TO AGRICULTURE EXTENSION SERVICE FUND	A	129,799.00		331,590.00							
TOTAL		31,001,798.48		30,135,740.98		TOTAL		31,001,798.48		30,135,740.98	

As per our report of evendate annexed herewith

Place :- Ahmedabad
Dated :- 25.06.2013For Chaperavadan A. Shah & Co.
Chartered AccountantsC. A. Shah
Proprietor
Membership No. 31736
Firm Reg. No. 101692WThe above statement to the best of our belief contains
a true account of Income & Expenditure of the organisation

Vijay Mahajan
Chairman

V.B. Patel
Treasurer

Sachin A. Oza
Executive Director

SCHEDULE - B
INCOME & EXPENDITURE APPROPRIATION ACCOUNT

EXPENDITURE	2012-13	2011-12	INCOME	2012-13	2011-12
	AMOUNT RS.	AMOUNT RS.		AMOUNT RS.	AMOUNT RS.
TO OPENING BALANCE	1,588,557.45	239,202.01			
TO RESTORATION OF GRANT BY AKF	27,437.12	3,410.00			
TO EXCESS OF EXPENDITURE FROM INCOME & EXPENDITURE A/C	2,683,948.41	1,345,945.44	BY BALANCE CARRIED OVER TO BALANCESHEET	4,299,942.98	1,588,557.45
TOTAL	4,299,942.98	1,588,557.45	TOTAL	4,299,942.98	1,588,557.45



DSC - 2012-13
Page 7

SCHEDULE - F
DETAILS OF GRANTS

PARTICULARS OF GRANTS	BALANCE AS ON 01.04.2012	GRANT RECEIVED DURING THE YEAR	GRANT RECEIVABLE AS ON 31.03.2012	INTEREST EARNED	TOTAL AS ON 31/03/12	CAPITAL EXPENDITURE GRANT TRNS. TO B/S	GRANT WRITTEN OFF	UNUTILISED GRANT CARRIED FORWARD	GRANT CREDITED TO INCOME & EXPENDITURE ACCOUNT
AGA KHAN FOUNDATION - SCALE	(30,719.00)	1,884,018.12	-	4,058.00	1,857,357.12	-	-	-	1,857,357.12
AGA KHAN FOUNDATION - SCALE - INNOVATION FUND	(35,808.00)	35,808.00	-	-	-	-	-	-	-
AUSTRALIAN - ACIAR	284,793.00	844,607.00	-	6,417.74	1,135,817.74	-	-	602,194.98	533,622.76
CAPART	72,000.00	-	-	-	72,000.00	-	-	72,000.00	-
DISTRICT RURAL DEVELOPMENT AGENCY, S'KANTHA	198,181.20	-	-	-	198,181.20	-	-	198,181.20	-
HINDUSTAN UNILEVER VITALITY FOUNDATION	1,399,317.68	-	-	-	1,454,798.68	76,800.00	-	746,611.36	631,387.32
IKEA TRADING HONGKONG LTD	210,189.01	3,867,747.00	-	55,481.00	4,137,564.01	-	-	1,679,655.25	2,457,908.76
ITC LIMITED	167,023.30	4,590,000.00	-	960.00	4,757,983.30	1,273,366.00	-	368,951.16	3,115,666.14
MADHYA PRADESH RURAL LIVELIHOOD PROJECT (PIM IN MAAN & JOBAT)	(625,908.10)	1,939,303.00	-	-	1,313,394.90	-	-	-	1,313,394.90
NATIONAL BANK FOR AGRICULTURE & RURAL DEVELOPMENT (GWDP)	(327,339.13)	363,828.00	-	-	554,609.07	-	-	-	554,609.07
RBS FOUNDATION, INDIA	989,975.00	6,500,000.00	518,120.20	48,708.62	7,537,693.62	6,300.00	-	199,607.86	7,331,775.76
SARDAR SAROVAR NARMADA NIGAM LIMITED	(447,155.64)	458,749.00	602,962.48	-	614,555.84	-	-	-	614,555.84
SMALL FARMERS AGRI BUSINESS CONSORTIUM	213,673.76	1,215,000.00	389,802.61	-	1,818,476.37	7,712.00	-	-	1,810,764.37
UNIVERSITY OF BRITISH COLUMBIA (MDG RESEARCH PROJECT)	(2,106.48)	2,106.48	-	-	-	-	-	-	-
VRUTTI LIVELIHOODS - EUROPEAN COMMISSION	259,348.92	2,720,258.00	-	31,003.61	3,010,610.53	-	-	79,261.91	2,931,348.62
WATER AND LAND MANAGEMENT INSTITUTE (WALMI), ANAND	(209,065.59)	1,292,903.00	-	-	1,083,837.41	-	-	104,558.76	979,278.65
WATER AND SANITATION MANAGEMENT ORGANISATION (WASMO)	(652,403.84)	-	652,403.84	-	-	-	-	-	-
WATER RESOURCES DEVELOPMENT, GANDHINAGAR	(40,766.60)	-	40,766.60	-	-	-	-	-	-
SEWA MANDIR	-	132,000.00	-	-	132,000.00	-	-	65,598.60	66,401.40
WATER RESOURCES DEVELOPMENT, RAJKOT (BHADAR IRRI. PROJECT)	314,507.20	852,325.00	-	-	1,166,832.20	-	-	177,596.66	989,235.54
TOTAL	1,736,736.69	26,698,652.60	2,204,055.73	206,256.97	30,845,701.99	1,364,178.00	-	4,294,217.74	25,187,306.25
PREVIOUS YEAR	(172,056.67)	27,081,837.55	2,371,272.38	45,957.45	29,327,010.71	218,674.00	-	4,109,009.07	25,000,327.64



SCHEDULE - M

NOTES FORMING PART OF ACCOUNTS FOR THE YEAR ENDING ON 31ST MARCH 2013STATEMENT ON SIGNIFICANT ACCOUNTING POLICIES:-**(1) METHOD OF ACCOUNTING**

The trust is maintaining its accounts in respect of its activity on accrual basis of accounting.

(2) FIXED ASSETS

The fixed assets are shown at cost which includes identifiable direct expenses upto the date the assets are put to use.

(3) DEPRECIATION

The depreciation is provided on WDV method of depreciation at the following rate of depreciation

Furniture & Fixture	10%	Office Computer	60%
Office equipments	15%	Vehicles	15%
Pantry equipments	15%	Office Building	10%
Library books	15%		

Depreciation is provided at full rates in respect of assets acquired prior to 30.9.2012 and at half the rate in respect of assets acquired after 1.10.2012. Profit/Loss on sale of depreciable assets is determined after taking into account the cost of acquisition of assets and accumulated depreciation. Depreciation is not provided on assets of agarbatti unit supported by DSC, Mhow, as the same were not put to use during the year (the assets were used for trial production only).

(4) RETIREMENT BENEFITS

The trust has taken gratuity policy for the staff from LIC of India. In respect of other retirement benefits the estimated liability on the date of balancesheet has not been quantified. The same will be accounted for on actual payment basis.

(5) CONTINGENT LIABILITIES

There are no contingent liabilities.

- (6) The Trust is engaged in agarbatti making as a part of Livelihood Enhancement component of Integrated Watershed Management Programme (IWMP) supported by ITC Ltd. and Rajeev Gandhi Jal Grahana Mission, Department of Land Resources, Government of India. The project expenditure is debited to Income and Expenditure Account. The value of closing stock of agarbatti made under this project, if any, is not quantified and shall be accounted for as and when realised.

- (7) Remuneration paid to the Executive Director - Rs.7,36,326.63

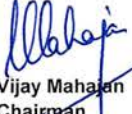
- (8) Previous year's figures in case of Balancesheet and Income & Expenditure Account have been regrouped wherever necessary.


- (9) Previous year's figures in case of Balancesheet and Income & Expenditure Account have been regrouped wherever necessary.

Signatures to Schedule A to M


Place :- Ahmedabad
Dated :- 25.06.2013

For Chandravadan A Shah & Co.
Chartered Accountants


Vijay Mahajan
Chairman

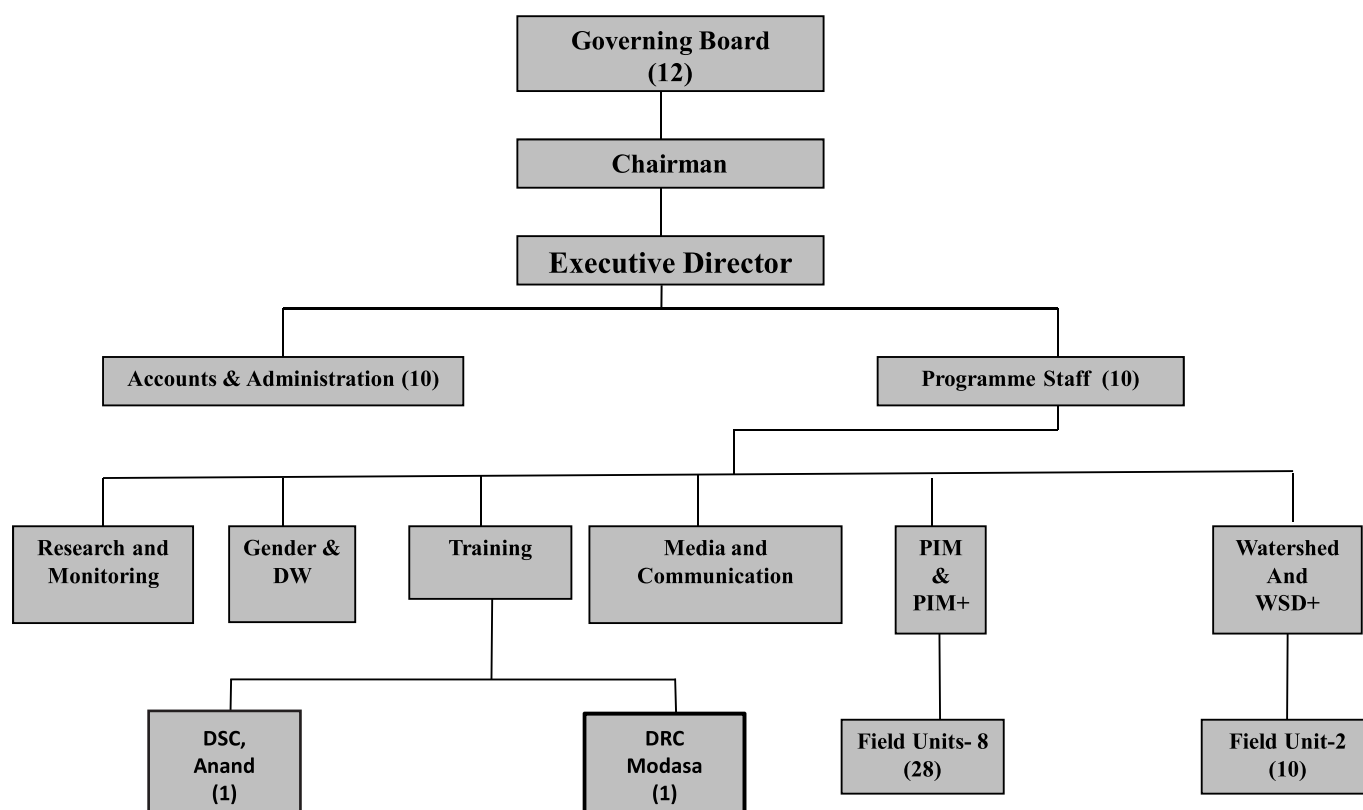

V.B. Patel
Treasurer


Sachin A. Ozga
Executive Director


C. A. Shah
Proprietor
Membership No.31736
Firm Reg.No. 101692W



Development Support Centre's Organization Structure



DEVELOPMENT SUPPORT CENTRE

DSC TEAM

1	Sachin Oza	Executive Director
HEAD OFFICE – PROGRAMME TEAM		
2	Mohan Sharma	Director, Programmes
3	Ashish Patel	Programme Executive-WSD
4	Bhagirath Sathwara	Programme Manager-PIM
5	Gordhan Katariya	Programme Executive-Training
6	Jaswant Chauhan	Manager- Producer Companies
7	Krishna Chavan	Programme Executive-Technical
8	Manju Ravi	Programme Manager-Gender
9	Narendra Sagan	Community Organiser-Agriculture
10	Paresh Dave	Programme Manager-Communication
11	Pratul Ahuja	Consultant-Research
12	Pravin Vaghela	Community Organiser
13	Seema Dave	Programme Executive-Research
HEAD OFFICE - PROGRAMME SUPPORT TEAM		
14	Rajesh Mehta	Senior Manager-Finance & Administration
15	Arvind Prajapati	Gujarati Stenographer cum Training Logistics
16	Indrasinh Majawat	Driver-cum-Messenger
17	Jorawarsinh Rathod	Driver-cum-Messenger
18	Kamlesh Patel	Accounts Officer
19	Ketan Khatri	Gujarati Stenographer cum Communications Assistant
20	Mahesh Mistry	Executive Assistant to Executive Director
21	Neha Patel	Receptionist
22	Poonam Vyas	Accounts & Office Assistant
23	Ratansinh Chundawat	Driver-cum-Messenger
GUJARAT FIELD OFFICES TEAM		
ANAND		
24	Dipak Raval	Team Leader
25	Kalpesh Panara	Training Assistant
26	Ramesh Dharecha	Training Assistant
DHORAJI		
27	Naresh Mataliya	Team Leader
28	Dilip Patel	Community Organiser
29	Vijay Zala	Community Organiser

HIMMATNAGAR		
30	Amarsinh Chauhan	Agriculture Specialist
31	Chandrapalsingh Rathod	Community Organiser
32	Lalita Prajapati	Community Organiser
KUNJAD		
33	Hiren Parmar	Team Leader
34	Ishan Patel	Community Organiser
35	Karansingh Dodiya	Community Organiser-Agriculture
36	Laxman P. Dumadiya	Community Organiser-Agriculture
37	Rohit Makwana	Community Organiser
MEGHRAJ		
38	Bharat G. Parmar	Team Leader
39	Harshad Patel	Community Organiser
40	Jashoda Damor	Community Organiser
41	Jignesh Raval	Community Organiser
42	Jimesh Soni	Programme Asst.- Technical
43	Rahul Amin	Community Organiser
44	Rohit Chavda	Community Organiser-Agriculture
MODASA		
45	Manu Vadher	Team Leader
46	Akilesh Prajapati	Programme Assistant
47	Bhavesht Patel	Agriculture Assistant
48	Jaydeepsingh Chauhan	Driver-Laboratory Van
49	Manisha Pandya	Field Co-ordinator
50	Pramod Patel	In-charge Lab Assistant
VISNAGAR		
51	Rajendra Patel	Team Leader
52	Alpesh Patel	Community Organiser
53	Bhaktisingh Parmar	Community Organiser
54	Bharat Patel	Agriculture Specialist
55	Nayana Choudhary	Community Organiser
56	Ranjit G. Thakore	Community Organiser
57	Rohit P. Patel	Agriculture Assistant
58	Unnati Patel	Operator

MADHYA PRADESH FIELD OFFICES TEAM		
MANAWAR		
59	Vijay Shukla	Team Leader
60	Amit Sanothiya	Programme Assistant - PIM
61	Savan Vyas	Programme Assistant
KUKSHI		
62	Kamlesh Rajat	Team Leader
63	Sonika Gupta	Programme Assistant
64	Tarun Bhavsar	Programme Assistant
MHOW		
65	Abhishek Pathak	Team Leader
66	Mahendra Janjalkar	Accountant
67	Ruchi Kesharvani	Agriculture Assistant
68	Rupmani Shukla	Sr. Community Organiser
SAJJATA SANGH		
69	Kuldeep Solanki	Executive Director
70	Darshana Patel	Admn. cum Account Assistant
71	Dhaval Chavda	Programme Executive

The following staff members were part of DSC team in 2011-12 but have now left:

- Amit Sanothiya, Program Assistant PIM, Kukshi
- Anil Sharma, Programme Executive- TS, Manawar
- Ashwin Prajapati, Incharge Lab Assistant, Modasa
- Ishwar M Tarar, Programme Asst.- TS, Meghraj
- Kailash Dudve, Programme Asst. - TS, Kukshi
- K. M. Shah, Consultant, Modasa
- Manoj Patel, Agriculture Assistant
- Naresh V Thakore, Community Organiser, Dhoraji
- Natu Macwana, Executive Director, Sajjata Sangh
- Niraj Amlawar, Programme Asst.- TS, Kukshi
- Pratap Khokhar, Community Organiser, Meghraj
- Ravindra Pansare, Agriculture Specialist, Sajjata Sangh
- Sakar Damor, Community Organiser, Meghraj
- Swomya Prakash, Team leader, Meghraj

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RBS Foundation, India
Sardar Sarovar Narmada Nigam Ltd (SSNNL)
Small Farmers Agri Business Consortium (SFAC)
VRUTTI Livelihood Resource Centre
Water & Land Management Institute (WALMI)
Water Resources Department, Gandhinagar
Water Resources Department, Rajkot
Water and Sanitation Management Organization (WASMO)

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