

ANNUAL REPORT | 2014-15

Collectives for Integrated Livelihood Initiatives



An initiative anchored by the

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Mission 2020 Logo

The logo of mission 2020 depicts in a spiral form an evolving life. Painted in Soharai art, the outer circle represents various livelihood activities of a tribal household. The inner circle represents the aspiration of well-being of a household as articulated by a group. These two are bridged by solidarity and unity within the community expressed through groups.

 $oldsymbol{A}$ s we close 2014-15, we make a new beginning.

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The beginning of an ambition to bring about large-scale irreversible change in the Central Indian Tribal belt. Over 10 years, we hope to reach **1 million households** and develop **100 blocks** as drivers of regional growth.

Over this year, there was also a strategic shift of the **Tata Trusts** to work towards bringing irreversible prosperity with an area approach. Our own field engagements showed that this was possible, with some fundamental changes in the way we worked.

We had gained insights from evaluations of some of the large-scale programmes supported by the Trusts, particularly with our strategic partners who had worked consistently in some locations for over a decade. These findings showed that age of a location was not necessarily correlated with impact. While few households moved significantly out of poverty, there were large numbers who had only been marginally impacted.

This clearly indicated the broad contours of changes that needed to be made. The approach now needed to be more geared towards generating demand and building on enterprise of the community. Asset building needed to be intensified to strengthen risk-taking capacity of households. Community institutions needed to be invested in from the outset to provide the platform for creating a shared vision, managing the programme, negotiating with external stakeholders and providing missing linkages. CInI and the Tata Trusts needed to orchestrate this "mission", build a broader stakeholder base including formalized partnerships with state governments.

2014-15 was the year for putting the nuts and bolts to make this aspiration a reality. It was also a year of preparation to build a shared understanding within the CInI ecosystem.

To translate these directions into action, we started with the founding questions of the research phase of CInI in 2002-03. What works, what does not, what sticks, what does not? We formed teams, often across organisations, and visited several successful agriculture clusters including "swayambhoo" clusters – ones that were not nurtured by any external agencies. As many as six in-depth planning meetings were held with each partner organization. We reflected together on own experiences and successes in working with tribal communities. Exposure visits were conducted for teams as well as community members to these clusters. This led to the initiation of focused work in few cluster of villages in each location to build them as intensive agriculture

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clusters.

We visited demand led programmes to understand what it takes to make them happen. We shared our plans proactively with other agencies, including state and national programmes, and developed collaborations.

This process was one of the learnings. For us, many myths were busted, lot of insight generated and key principles reiterated. With the nature of diversities that exist in the Central Indian Tribal belt, only principles can be distilled. Most of all it reiterated that, as Dr Kurien, said, indeed "India's Place in the Sun Would Come from the Partnership Between Wisdom of its Rural People and Skill of its Professionals".

- 1 Lakhpati farmers can be promoted on an agriculture and allied menu of livelihood options.
- Leapfrogging for communities is indeed possible with knowledge as the key input, if triggered systematically. Within one or two seasons, those communities, which went for exposure, have created their own demonstration sites.
- 3 Lakhpati Kisan, Smart Village has given a credo that has fired the imagination from community to all stakeholders. This unleashes tremendous positive energy for overcoming the expected difficulties.
- 4 Large-scale change generates opportunities. Diverse institutional and market based responses emerge in response to these opportunities from the community. We saw this possibility with a community based special purpose vehicle created for water structures in one location. We also see potential for building local entrepreneurs as value chain actors to respond to emerging markets. New mechanisms of engagement and building capacity need to be developed to address this segment.
- Most stakeholders are looking for platforms for meaningful engagement and deep impact. Clarity on mission helps to bring even existing resources to work more effectively together.
- Integration of education, livelihoods and health is the need as well as aspiration of the community. While each intervention needs to be technically robust, a commonly held vision for change in the region needs to drive the programme. Community and their institutions become the point of integration, for which their role needs to be further deepened across themes.

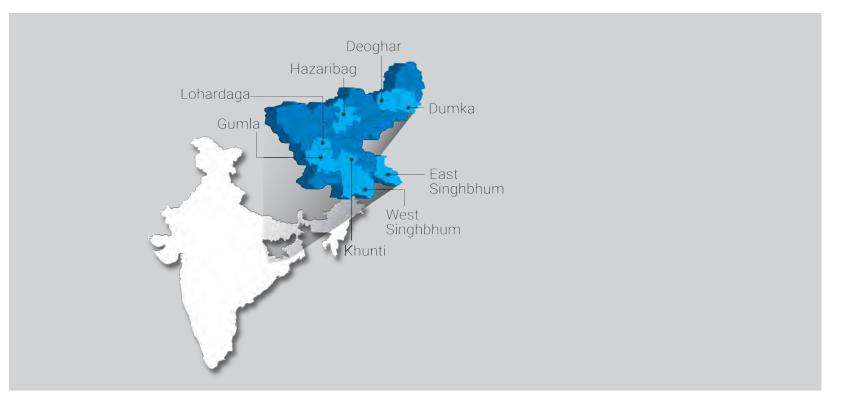
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The learning curve at CInI has been steep. We have worked closely with grassroot organisations, donors, policy makers, national and international research institutions over this brief seven years of our existence. Our strength has been our ability to synthesise implementation, policy and knowledge perspectives in our work. We have built our internal capabilities to a platform that can handle range of engagements from deep grassroots immersion to design and policy implications for the region.

We start 2015-25 with detailed project implementation plans for each of these blocks, which articulate the pathways for prosperity and irreversible change. Through the process followed during the year, these plans are now the mission for the teams. The idea of CInI as an ecosystem of players working together for bringing transformation, takes shape.



Jharkhand



Khunti and Hazaribagh cluster

About the region

Blocks under intervention are Churchu and Dadi in Hazaribagh and Khunti & Murhu in Khunti.

The districts of **Khunti and Hazaribagh** form part of the **Chotanagpur Division** of Jharkhand. Situated at a height of 2,019 feet above mean sea level, most of the villages are surrounded by hills and dense forest. Major tribes in the region are **Munda** and **Santhal**. Communication for few forest fringe villages is poor. Agricultural production in this area is characterized by **mono cropping** practices with only **5% to 7%** of the net sown area being **irrigated**.

In this undulating terrain, agriculture is mainly **rainfed** with major crops being Paddy, Wheat, Maize, Pulses and Vegetables. The climate is favorable for horticulture. 61% of the agricultural land holding belongs to small and marginal farmers.



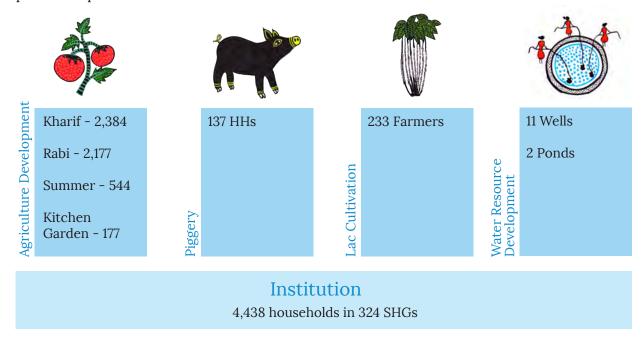


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Year-on-year progress



During 2014-15, the following key interventions were undertaken with 4,438 households in partnership with 324 SHGs.



Mission 2015-20

14 Gram Panchayats covering 81 villages have been identified for incubation in the first phase (2015-20). Pathways for prosperity for 2020 were charted out based on past experiences, study of the block and exposure of farmers and implementation teams to self-organized, vibrant agriculture clusters in the region.

The program will ensure stabilizing livelihoods of 6,000 households and irreversibly bring them out of poverty. Prototypes selected are Agriculture – having high value cultivation, Lac, Pig rearing and Water resource development.

Across all regional clusters, SHGs, VOs and Federations will be at the center for implementing different activities. They will play an active role in handholding family based planning, monitoring implementation activities and ensuring that livelihood and other programmes are pulled by demand from the community. Apart from impact on reducing poverty level, context specific interventions are designed in block PIP (Project Implementation Plan) to significantly improve nutrition status of targeted households through promotion of pulses and vegetables. Technological innovations in form of low cost structures will be done. Agriculture technology intervention like grafting of tomato would be promoted in research mode.

"Transformational change happened in the last three years of my life, which I had never imagined" says a visibly emotional Elisaba Nag. "My husband, who had deserted me, is now back and we are living together" she again says after a pause.

Elisaba Nag, a young woman of 24, was left to fend for her after her husband started to live separately. She is an active member of Esther SHG in **Bhurshu village** of **Murhu block**. Bhurshu village, with 56 households have been part of the initiative for the past years. Initial years were focused on stabilizing food sufficiency at household level through improved paddy cultivation and other staple crops like maize. 90% of the households adopted improved practices and food sufficiency increasing from 9 months to 12 months. Focus now shifted to harnessing the untapped potential of uplands. In 2013, seven households after an intensive Kharif agriculture planning exercise took up tomato cultivation.



The harvest resulted in an average income of Rs. **25,000** per household. These seven members became an inspiration for surrounding villages of Kudahatu, Latardih, Janumpidih etc.



Elisaba, being one of these seven initiators, toured various villages to share her experience, motivating others to take up high value agriculture. Assured irrigation from a low land well that was constructed and the confidence from previous success, motivated Elisaba with 10 other members of the SHG to take up Summer crops for the first time in that area. They chose watermelon. This fetched her income of **Rs. 30,000**.

This success was enough to ignite the aspiration of the community. What made it more attractive was that the marketing was hassle free. Local traders picked up the produce from farm gate. Coordinated production and crop husbandry further gave confidence to take this initiative, a further boost.

Currently Bhurshu has **54** households, which undertook Tomato cultivation in Kharif, **32** of them went for Rabi and summer cropping of French bean and Watermelon. Today Elisaba annually earns an income of **Rs. 80,000** from Agriculture. She is one of the change agents for the region, championing based on her lived experience. Starting from a humble number of seven farmers, around **450** farmers have taken up high value cultivation in a span of two years. Over the next five years, this spark will further ignite the dreams of **6,000** Households building them as lakhpati farmers. Elisaba's husband returned and have settled with her and is engaged in agriculture.

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East Singhbhum cluster

Area of Intervention is Dhalbhumgarh and Gudabandha Blocks.

About the region

East Singhbhum is one of the twenty-four districts of Jharkhand. More than **50%** of the district is covered by dense forests and mountains. The intervention blocks consist of undulating terrain, covered by mountain, dense forest that is crisscrossed by the Subernarekha River. It is connected to NH 33 and has railway connectivity. The predominated tribe of the block is Santhal tribe followed by Sabar, which is a Primitive Tribal Group. The abundant natural resources in the block are not optimally utilized and poverty is high.

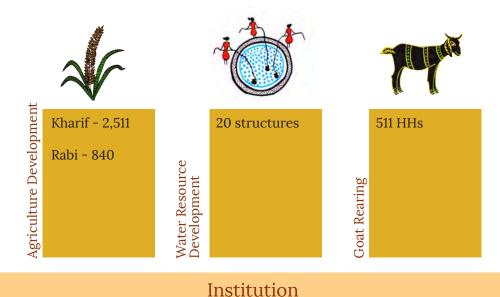
The primary occupation is rain fed agriculture, followed by agriculture labor. Almost 77% tribal population has a land holding of less than 2 acres. Paddy is the main crop, which is also mono cropped, having productivity of 8 quintal/acre. The families depend on agriculture as their primary source of livelihood, accounting for 70% of their total income. The livelihoods are cushioned by collection and trading of non-timber forest produce (NTFP). NTFP collection (8%), wage labour & migration (18%) and selling of local beer (4%) are the other sources of livelihood.

The Central India Initiative works in 69 villages and 3,736 households.

Year-on-year progress



During 2014-15, the following key interventions were undertaken with **3,736** households in partnership with **259 SHGs**.



3.736 households in 259 SHGs



Mission 2015-20

13 out of 19 Gram Panchayats of the two blocks have been identified to incubate as drivers for growth for the block in the first phase (2015-20). Covering 120 villages and 286 hamlets, 9,000 households will be supported in their transition to lakhpati farmers.

The program envisions that **Dalma Mahila Sangh**, a federation of SHGs in the Dhalbhumgarh and two other federations will be at the centre for handholding family based planning, monitoring implementation activities and further help to create demand within the community. Context specific interventions such as upland horticulture and goat rearing activity are also part of the Project Implementation Plan.

Women led special purpose vehicle, **Shanti Mahila Sangh**, has been created for water resource development. This group has been instrumental in creation of **27 ponds** of **100 ft** X **80 ft** X **10 ft** specification with support from Tata Steel. This group of women has taken the responsibility for planning for water resources in Gramsabha, managing construction in coordination with facilitating agencies and payment of labor to initiation of water distribution plan.

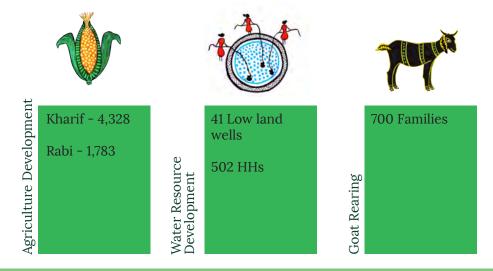
Santhal Pargana

Palojori block of Deoghar and Jama of Dumka district

About the region

Deoghar and **Dumka** districts form part of Santhal Pargana, one of the five administration units known as divisions of Jharkhand. As the name suggests, the region has dominant presence of **Santhal tribes**. Agriculture is the mainstay of the region where almost **80%** of the working population are engaged in the agricultural sector. The average net sown area in this region is **57%**, whereas the major crops are **Paddy**, **Vegetables**, **Maize**, **Potato and Pea**.

During 2014-15, the following key interventions were undertaken with **6,121 households** which form part of **466 SHGs**.



Institution

6,121 households in 466 SHGs

Mission 2015-20

34 Gram Panchayats, which have high concentration of tribal households, have been selected for intervention in first phase (2015-20). The intervention will cover **13,000 HHs** spread over **234 villages**. The program will ensure intervened households form part of vibrant community institutions. These institutions will be a platform for ideation, reviews and realizing of the dream of the community. New interventions of technology in vegetable farming (Rabi & Summer) would be promoted to increase productivity.

The undulating hilly terrain marked with drainage lines criss- crossing the topography, is a very common sight in tribal pockets of Jharkhand. The drainage lines usually form the lowest part of the valley and are characterized by water table peeping out at the surface of the land.

A typical household has an average cultivable landholding of **2.35 acres¹**, **57%** of this lies in mid or upland. Experience have shown that harnessing the seepage line through a series of low land wells will be able to irrigate an average of **4-5 acres** per well.



¹ Data from Impact Management Information System, CInI

In **Palojori** block of **Deoghar**, investments under the **Central India Initiative** demonstrated that wells at a distance of **200 - 280 meters** constructed, maintained by SHG women can generate seasonal revenue of more than **Rs. 1,50,000**. This amount in the first few seasons, recovers the capital expenditure made in construction of the well.

The concept has been demonstrated through construction of **100** seepage wells across **30 villages**. Along with the well, a provision of lifting device i.e. pumpset of **3-4 HP** is made.

Seeing the benefit, more than **100** wells been sanctioned through **MGNREGA** are been implemented in low lands. This experience was shared with the district administration and PRI leaders with a view to be included in the various works done by government funds in the block.

In **Sirsa** village of **Palojori block**, **13** beneficiaries from an SHG benefitting from the seepage well have generated an income of **Rs. 3,95,000** from two seasons. The overall effect in the region is seen through an ever increasing number of women from these villages flocking the local market with vegetables in winter and Summer.

CInI, in its endeavor to make the entire improved paddy promotion programme an initiative led by women of SHGs, introduced an innovative tool kit known as Safal Fasal.

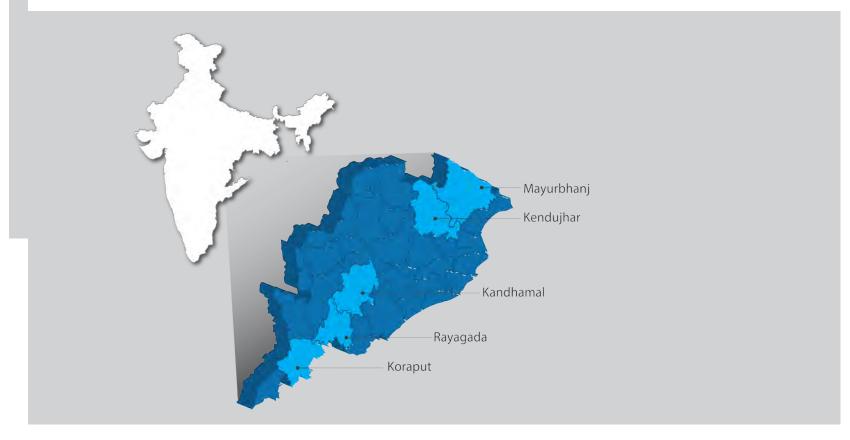
The tool kit consists of 32 number of designed paper boards which are used as material for discussing the steps of improved paddy. As the season progress six steps are discussed one after other. The material is facilitated by a community representative selected from amongst the group members.

Currently, the material is been used in six project locations by 1,080 groups in Jharkhand. The initial outcomes of the facilitating tool kit have been positive.



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Odisha



Harichandanpur cluster

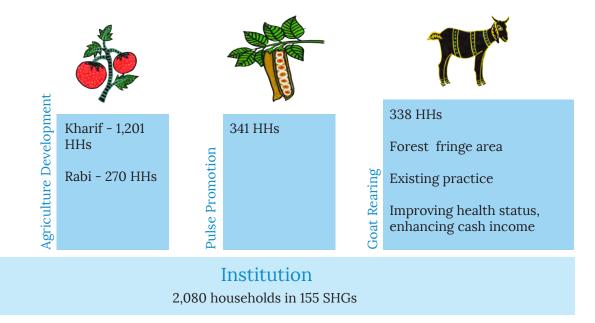
About the region

Block under intervention is Harichandanpur of Kendujhar

Harichandanpur block of **Kendujhar** District is a predominantly tribal block with about **20,000** tribal households. Livelihood of the community in the area largely depends on forest and agriculture based activities. Agriculture is largely centered around paddy cultivation during Kharif with productivity **12 quintal/acre**, way behind the potential. Little orientation on commercial agriculture is observed among the tribal farming families having average land holding of **2.5 acres**. With abundance of Tasar host plant, rearing of tasar silkworm also adds a significant **25%** to household income². Collection of Mahua and fuel wood are other forest dependent income sources. Rearing of goat is quite widely practiced in the forest fringe pockets.

During 2014-15, the following key interventions were undertaken with **2,080 households** which form part of **155 SHGs**.

² Baseline survey, 2014



Year-on-year progress



Mission 2015-20

Based on study of the block and concentration of tribal families, **14** out of **25** Gram Panchayats have been selected for incubation as drivers of growth in first phase (2015-20). The intervention will cover **423 hamlets of 104 villages** and will bring **6,500 households** irreversibly out of poverty. The program will ensure all impacted households are part of vibrant community institutions. Gram Panchayat (GP) level federation will be formed in initial two years covering all **14** selected GPs of Harichandanpur block.

NUA SAKALA...Rays of Hope... Experiencing Potato cultivation...

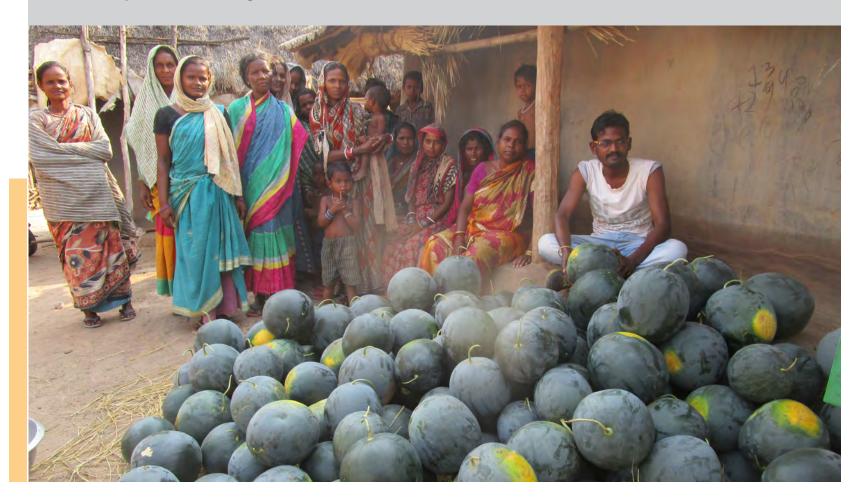
BIRAT sahi, a hamlet of Nipania village, was like any other tribal hamlet in the area, struggling to make ends meet in their journey called life. They did justice to the name of their hamlet "BIRAT", meaning massive, when their SHG, Nua Sakala, took up Potato cultivation in 1.5 acres during Rabi this year. The members showed their strength of group and harvested 80 quintals produce. The members collectively stored the produce in cold storage for better market price, first time in the area. This result and their effort is appreciated well by agriculture and allied departments in the district, especially when the state is gearing towards "Potato Mission". The members gained confidence in their effort of stepping out from their traditional way of cultivation and adopting improved methodology. The district administration has also acknowledged their effort and awarded "Nua Sakala" the best SHG award of the year. Social recognition by other stakeholders truly encouraged not only these members but many others in the area.

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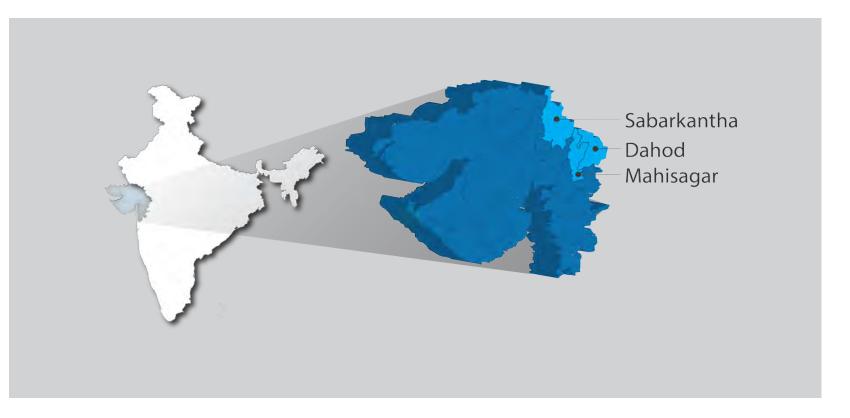
Intervention started at village **Altuma** with formation of SHGs from August, 2014. Five SHGs have been formed, covering almost **93** % of total households of the village. Although, a perennial stream is flowing besides the village, the villagers never realized its potential and utilized the water during post Rabi season. With new energy generated at SHG and VO level, the members decided to take up agriculture interventions around the plots nearby the stream. To fuel their interest, guided exposure was planned for **28 SHG** members to **Khunti** in December, a belt known for its watermelon cultivation through community institutions.

The unique feature of this exposure was that the members already deposited the cost of seed so as to fetch the seeds while they return from the visit and immediately start sowing. Effective linkage with block agriculture department helped in fixing the gap of lifting device. Five irrigation pumps were mobilized following an innovative loan based model. The members' aspiration started taking shape as fruit setting started and within a span of three months, the fields were covered with melons.

This was the first time experience for the community in commercial agriculture reaching a scale of production. More than 130 quintals melon was produced. Continuing principles of decentralized market linkage, traders from **Kendujhar**, **Duburi** were linked. Seeing the quality of produce, they readily agreed to lift the produce from village. It was indeed encouraging for the members getting hassle free return at the doorstep. Besides this, rounds of internal exposure of other SHG members were organized during the fruiting season, which created similar aspiration of taking up commercial vegetable cultivation in next season. This experience indicates that the realization of community on judicious use of existing resource, with appropriate link to missing infrastructure will harness the true potential of the region.







Sabarkantha cluster

About the region

Khedbrahma and Poshina blocks of Sabarkantha

In **Sabarkantha**, **Khedbrahma** and **Poshina** are the most backward blocks of the district in terms of overall HDI. The region is characterized by semi-arid climatic conditions and declining natural resources, coupled with high soil erosion due to its undulating topography. The average annual rainfall of the area is **710.16 mm**, is uneven and erratic in nature. Major tribe is **Dungri Bhil** community. More than **90%** which is in these villages depend on agriculture from small landholdings spread over an undulating terrain for their primary livelihood. Majority of the agricultural land comes under the rain fed agriculture and is characterized by subsistence farming.

In the program cluster, hardly **16%** of the cropped area has any access to irrigation. Consequently, the average household income is extremely low and **83%** of the HHs are classified as BPL families.

During 2014-15, the following key interventions were undertaken with **4,223 households**, across **21 villages** which form part of **281 SHGs**.



Agricultural Productivity Enhancement & Commercial Regetable Promotion

Kharif - 1,783

Rabi - 929

Summer - 139

Kitchen Garden - 430



41 wells - 237 HHs

Drip irrigation - 51 families

Soil & Moisture Conservation interventions - 2,300 acres of 1,250 HHs

Institution

Water Resource Developemn

4,223 households in 281 SHGs

Year-on-year progress

2012-13 **915 HHs**

2013-14 **2,438 HHs**

2014-15 **4,223 HHs**

Mission 2015-20

Building up on the successful engagements with the tribal households in the cluster over past couple of years, the program will ensure that Community Institutions will be at the centre for implementing different activities across 23 villages and 6,000 households. Soil and moisture conservation (SMC) works would be carried out in 3,330 acres while 66% households would have access to irrigation by 2020. Vegetable cultivation on a commercial scale (at least 0.25 acre plots) would be covered with 4,500 HHs, spread across four production clusters. Intervention on Agricultural productivity enhancement and crop diversification would reach to 6,000 families and average productivity of crops would increase in range of 60 to 96%. Pulses area would be increased to 2,738 acres by reaching to over 3,000 families. The program will also intensely engage with over 3,000 farmers who are into cotton seed production, a skill that the farmers have learnt over years of working as migrant laborers in the cotton fields of Saurashtra region of Gujarat.



"A beginning for High value vegetable cultivation"

Mr. Talkabhai Dolabhai Parmar is a marginal farmer from Danmahudi village of Khedbrahma taluka of Sabarkantha District of Gujarat and the head of six-family members. Talabhai has 3 acres of land which is his family's sole source of livelihood.

In Khedbrahma region, a predominantly tribal cluster, commercial vegetable cultivation is almost non-existent. Farmers are into cultivation of field crops like **Maize** and **Pigeon Pea**. It is against this background that the concept of diversification to higher value crops like vegetables were introduced with the farmers. After initial discussions with the community members, the vegetable cultivation program started with Kharif vegetable cultivation such as Chilly and Brinjal with small no. of farmers in the identified vegetable cluster villages. In the first instance, **55** farmers across seven villages cultivated Chilly and Brinjal on commercial basis in **7.27 acre**.

Talkha Bhai agreed to allocate part of the land from Maize - the traditional crops to vegetable cultivation. He cultivated Brinjal as sole crop on **0.25 acre** of land. The improved cropping practices, which included good quality saplings of variety Nilesh - a variety in higher demand in the market, appropriate crop geometry, fertilizer application schedules, and timely use of plant protection measures helped him raise a good production of Brinjal crop.



As per the details of the expenses maintained by Talkha bhai, the cost of cultivation for the crop amounted to **Rs. 4,913** and he harvested **31.43 quintals** of Brinjal and within four-five months earned a net income of **Rs. 27,200** after selling the vegetables in the village and nearby market. Almost seven times what he had traditionally earned from the same resource. He experienced a more regular inflow of cash during the peak period as compared to the income earned at the end of the season with other field crops.

Talkha Bhai now plans to expand his area under vegetable cultivation. Moving from rainfed cultivation, he now plans to invest in water control for vegetable cultivation. Next year he plans to include Chilly along with Brinjal in his crop basket. He is now recognized as the lead vegetable farmer in the village and he is happy that he is able to extend his experience and knowledge support to other farmers interested to take up vegetable cultivation.

The increased income of these initial number of farmers and easy access to a ready local market has generated interest



in the other farmers of the village to allocate parcels of their land to higher value vegetables. It's not long before the areas transform into a market linked cluster of high value agriculture are expected to be built through the Mission 2015-20.

Santrampur cluster

Santrampur block of Mahisagar District

About the region

Santrampur is one of the tribal blocks of **Mahisagar district**, with almost **77%** of total population being from tribal community. The area is characterized by semi-arid climatic conditions, undulating topography with good forest cover and scattered settlements. Many of the villages form part of the catchment area of **Kadana Dam** and portions of the land are submerged during the monsoon, when the dam is full. The villages are well connected with roads. With average land holding of **1.5 acres**, seasonal agriculture is the major source of household income, supplemented with income from the collection of forest produce mainly timru leaves, followed by migration. The area also has a very strong community involvement in the regeneration and protection of forest resources, which has helped in the retention of the fairly good forest cover.



So far, the programme has worked through its flagship agriculture productivity enhancement programme – Kharif Maize Stabilization in 11 villages of the block.

The community level institutional interface in the form of village level forest protection committees and watershed committees were actively leveraged for the roll out of the agriculture program, mainly targeted

at enhancing the productivity of Maize, Pulses and Paddy during the Kharif season and Maize, Wheat and Gram during the Rabi season. The engagements have seen very positive outcomes with very high rate of adoption of good agricultural practices promoted and results of production increase by over 70 – 80% from the initial baseline.

Strong community level agriculture extension systems through the locally trained youths and the active engagements of the leadership pool of the CBOs has been the catalysts to the change in the region. Appropriate use of available resources for promotion of small scale vegetable cultivation was also done with limited number of farmers, primarily to establish the efficacy of vegetable cultivation as an income generation activity.

During 2014-15, the following key interventions were undertaken with **1,820 households**, which form part of **121 SHGs**.



Agriculture Productivity Enhancement & vegetable cultivation

Kharif - 1,820 HHs Rabi - 747 families

Institution
1,820 households in 121 SHGs

Year-on-year progress



Mission 2015-20

Building up on the proactive engagements with the community over the past couple of years, 19 villages in 18 Gram Panchayats and 118 habitations targeting 6,000 households have been selected for first phase (2015-20) of the programme. Various exercises have been carried out in the field to assess the current status of household economy across various sections of the community to help in refining the proposed set of engagements that will help in transformation of the livelihood of the intervened households. The interventions in farming system will be designed to improve productivity of the private land holdings through soil moisture conservation measures; improving water availability; improving knowledge of agriculture using improved package of practices and diversification to higher value crop cultivation like vegetables and other horticulture interventions.

Program will also ensure nurturing and strengthening of **400 SHGs** covering **6,000 HHs** in **19 villages** converged into Village Organisation (VO) and **3** geographical proximity clusters and further federated into apex body as Federation. While building up on the formation and strengthening of the institutional infrastructure, the project implementation plan targets to maximise the impact on HH economy by taking context specific agriculture and livestock activities and building up Strong linkages with the various line departments and convergence with the ongoing programs.

Agriculture is the prime source of income for **Ramjibhai Kalubhai**, a farmer from **Semaliya** village of Santrampur taluka, and his seven member family. He cultivates **3 acres** of land, part of which is suitable for rainfed paddy cultivation. An active member of the village level forest protection committee, he has benefitted from the maize productivity enhancement program over the past few years. So, when the possibility of undertaking similar enhancement for paddy was suggested, he was quite motivated to extend the adoption of improved practices in his paddy field too.

Farmers recognized the low per unit productivity and the need for improved practices. Range of knowledge inputs were shared, which included seed replacement, adoption of good practices for the nursery preparation – raised bed, seed treatment. Since this was the first year of engagement with paddy crop, the major focus was on proper seedling raising and its transplantation, while adopting the required paddy field preparation activities.

Ramjibhai was also selected as the lead farmer for the demonstration of the improved paddy cultivation

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activities. He replaced seed with variety PB2511, obtained from IARI (Indian Agricultural Research Institute) as part of IARI-VO Partnership Engagement Program.

The adoption of good practices helped him to increase his yield up by over **1.5 quintal** and harvest almost **9 quintal** of paddy from less than ½ **acre** parcel of land. Further, this scented grain also fetched him a rate of **Rs. 395** per quintal as against the normal rate of **Rs. 250** per quintal for the traditional grain. Low rain towards the later half of the season had some impact, but he was able to earn an additional income of Rs. **3,400.** Looking into the results of the interventions, he is now motivated to expand the cultivation practices to his remaining land under paddy cultivation. The increased yield as well as higher price in the market has caught the attention of the famers in the village. Farmers from neighboring fields reserved their seed requirements from Ramjibhai for the coming year. Simaliya village has almost 350 acres currently under paddy cultivation and aim in the coming year is to saturate the improved paddy cultivation practices with all the **700** farmers of Simaliya village.

Paddy is a major crop for almost **25%** of the farmers in the Santrampur cluster. The Simaliya experience will give a major boost to the agriculture productivity plans for the region.

Extract from the report on Third Party Impact Assessment of the Kharif Maize Stabilization program of CInI, implemented in the states of Gujarat and Rajasthan - Study carried out by PwC

In addition to the progress delivered under the project, CInI has done extensive work in strengthening community based organizations in association with the NGO partners in the project geographies. Support for institutionalizing the extension system and input supply has been given to Self Help Groups, Lift Irrigation Cooperatives, Horticulture Cooperatives, Farmers' Group and other village institutions

A key indicator of positive change was taken as to be the adherence of beneficiary farmers to recommended package of practices of target crops especially Maize and Wheat. As a result of the project focus on productivity enhancement, major changes are observed in the primary survey of sampled HHs as regard adoption of recommended package of practices. Some of the results of estimation of adherence of sampled intervened farmers in key areas of recommendation can be summed up as follows:



A near complete shift from use of local indeterminate varieties to high yielding composite and hybrid seeds



Decrease in the seed rate as a result of line sowing



Adoption of seed treatment by all farmers



Complete shift from seed broadcasting to line sowing maintaining distance between rows and individual plants



Increase in the application of fertilizer particularly urea as per recommended dosage and time of application

Productivity enhancement for Maize and Wheat

A comparison of productivity in maize and wheat shows a significant increase due to adoption of the recommended package of practices and high yielding seeds by the beneficiary farmers. The yield per acre in both crops is also higher than that in the control farmer sample. A snapshot of the findings:



Maize

Before - 6.4 quintals / acre After - 10.8 quintals / acre



Whea

Before – 7.6 quintals / acre After – 12.28 quintals / acre

Intervened perception on the project interventions

The primary survey in the project area revealed an overall positive attitude of the farmers on benefits of the project interventions. The key benefits as perceived and reported by the farmers are:



Increased knowledge and awareness of the scientific cultivation practices of maize and wheat particularly the benefits of using quality seeds, seed treatment, maintaining crop geometry with optimum spacing and optimum N:P:K levels and crop protection



Increase in the productivity as a result of the adoption of these practices



Increased farm income



Access to extension through service providers who are from the same community and have good rapport and ease of communication with the farmers in the villages under intervention.

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Dahod Cluster

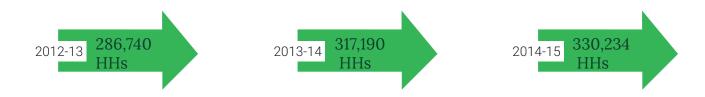
6 blocks of Dahod district

About the region

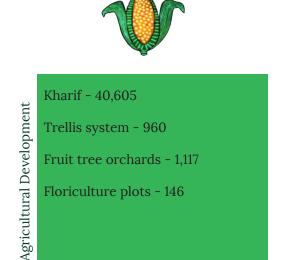
Dahod, also known as **Dohad**, is one of the most backward districts of **Gujarat**. This district is bound by Panchmahal to the west, Chhota Udaipur to the south, Jhabua and Alirajpur of Madhya Pradesh State to the east and southeast respectively, and Banswara of Rajasthan State to the north and northeast. The population of the district is mostly rural, and a majority of the district's residents are Tribals, mostly **Bhils**, depending upon rain fed agriculture on their small land holdings.

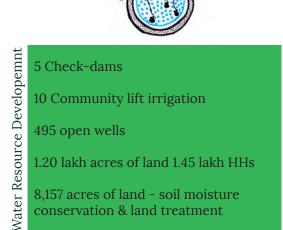
The Initiative has worked in this region with over 3.3 lakh households in over 1,425 villages, are impacted by the various natural resource management (NRM). Programme interventions have included water resource management, micro-watershed development, agricultural extension, dairy, high value horticulture program, drinking water & sanitation activities and related programme. During 2014-15, program intervention was undertaken with 330,234 households through 2,534 CBOs.

Year-on-year progress



During 2014-15, the following key interventions were undertaken with 330,234 households, which form part of 2,534 CBOs.





Institution

330,234 households in 2,534 CBOs

Mission 2015-20

The plan for prosperity builds on the past but makes some significant strategic shifts in the intervention approach. Rather than activity focused work of the past, the goal is to bring all the participating households to an income level above **Rs. 1.20 lakhs**, while strengthening community institutions. The programme will engage with **45,000 households** in **16** concentrated cluster of **250 villages** across **6 blocks** of **Dahod district** in this mode. With the Household resource based planning approach, the livelihood program prototype will focus on high value agriculture with irrigation support such as Horticulture and vegetable promotion – field crops as well as trellis systems, seasonal and perennial floriculture. Maize, paddy, pulses, wheat & gram will also be worked on. Optimum utilization of the available resources and creation of new irrigation resource through construction of Lift Irrigation, Checkdams, Wells etc., is being planned.

By design, in departure from earlier focus on thematic activities, entire project implementation plan is in close coordination with the community based organizations (CBOs). The CBOs will play an active role in handholding family based planning, monitoring implementation activities and further help to create demand within the community. Nine such federations will be nurtured during this period. Another departure is the use of loan funds and other financing mechanisms to scale up the successes already witnessed by the programme. The success of trellis farming is one of the early programme that is to be extended using working capital/loan funds. Dairy is also proposed to be expanded in specific clusters on similar lines. Revolving funds & working capital made available to apex institutions will improve availability of timely agriculture input and strengthen output linkages with market.

A comprehensive monitoring evaluation learning system is being established where reporting and monitoring systems focus on tracking of outcomes at the household level. This is part of the overall Household level MIS of CInI.

Finally, to operationalize the same, specific & qualified human resources will be placed at the cluster level supported by block & institution level teams, with very clear and defined roles and responsibilities.



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Name of Farmer: Karansinh Baria, Chaparwad, Taluka: Limkheda, District: Dahod

Mr Karansinh Baria, a resident of village Chaparwad, taluka - Limkheda, district - Dahod is one of the successful farmers who had participated and benefitted from the agriculture productivity enhancement programme - KMS, in the village.

Karansinh Baria family comprises of total 5 members of which two are male and three are female. He is a marginal farmer with **2 acres** irrigated land. Agriculture is his key occupation and cultivates maize in both Kharif and Rabi seasons. Earlier he was cultivating maize only in Kharif season by traditional method using local varieties. The efforts taken up under the programme, encouraged him to adopt the improved package of practices (PoP) recommended for maize cultivation. He reported that earlier he was growing maize without taking care of crop and its management aspects like tillage, inter-tillage, nutrient, pest, irrigation etc. which inhibited him to get better yield. But now he is well aware about the PoP of maize and is applying the same timely, which has resulted in doubling of his yields. He explained that the unseasonal and excess rain towards the end of the season in Kharif had affected his yield level. Otherwise he could have got **3-4 quintal** more than the actual **16 quintal** grain.

He is now also the lead farmer of the region and a community resource person, who provides extension services and training to the other farmers in the village. He also adopted recommended PoPs for Rabi maize crop, especially for maize seed production activity and achieved similar results. This reiterated his belief and he intends to continue these practices.

Barwani cluster

About the region

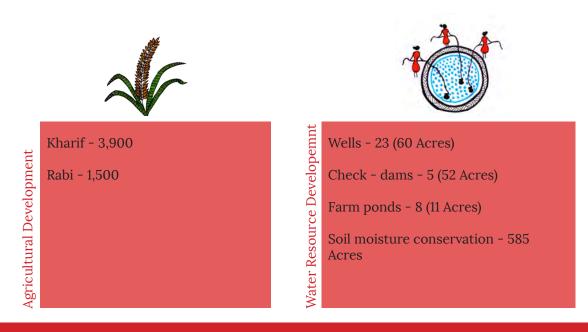
Barwani is one of the districts of **south Madhya Pradesh**. The project is being implemented in **37 villages** in two clusters, namely **Ojhar** & **Rajpur** in Barwani district. The villages are predominantly tribal (over **94%**). Little over **7,700 families** reside in these villages. Nearly cent percent villagers are dependent on agriculture. The irrigated area is **16%** of the total cultivable area. The average holding size is less than **5 acre**. Wage earning through agriculture and non-agriculture labour work is the second most important source of livelihood. Around **23% families** migrate to the surrounding places in **Maharashtra** and **Gujarat** in search of labor for a period of four months.

Reasons for contributing low agriculture productivity include unchanged agriculture practices and low seed replacement, among others. Availability of cash to purchase seeds and other required inputs is also a limitation. Farmers' productivity and income are low due to inefficient water use, depleted soil fertility and inappropriate knowledge about agriculture.

The intervention in this area focuses on (a) Strengthening existing water user associations on Participatory Irrigation Management (PIM); (b) Strengthening community based organisations; (c) Agriculture productivity enhancement related interventions and; (d) Land & Water resources development.

It is envisaged to directly impact the livelihoods of about **6,000 HHs** and help in doubling the annual income from the current baseline of **Rs. 35,000/-** per annum.

During 2014-15, the following key interventions were undertaken with 4,229 households, which form part of 124 CBOs.

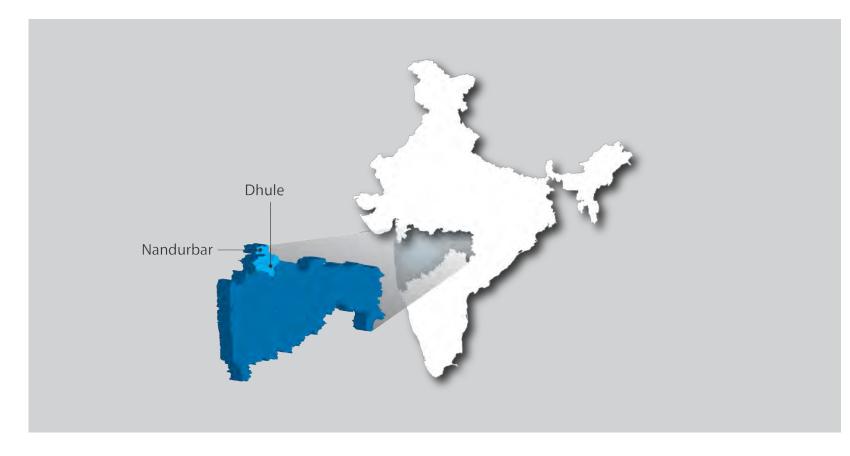


Institution

4,229 households in 124 SHGs, 2 VOs and 1 producer company with 1,600 members

As the initiative has now further focused its intervention geographies, this project is not included in Mission 2020.

Maharashtra



Dhule and Nandurbar clusters

About the region

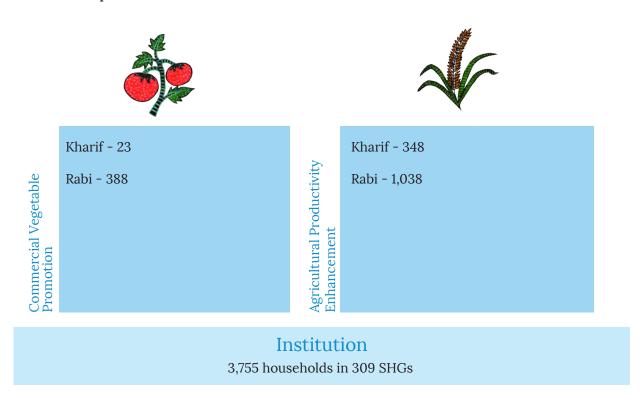
Intervened Blocks – Dhadgaon of Nandurbar & Sakri of Dhule

The **Dhule district** was bifurcated in 1998 into two separate districts, known as **Dhule** and **Nandurbar**, the latter comprising the tribal region accounts for more than **50%** of the total population. These are one of the most backward districts of Maharashtra. Two-third population of proposed cluster falls under below poverty line. Major tribes of the area are **Konkani, Mavachi, Bhill,** and **Vanjari.** The average annual rainfall in the area is **574 mm**. The main crops in the region are **Jowar, Wheat, Rice, Toor, Groundnut** and **Chilly**.

Year-on-year progress



During 2014-15, the following key interventions were undertaken with **3,755 households**, which form part of **309 SHGs**.



An education initiative is being implemented in **18 villages** of **Dhadgaon** with focus on increasing learning level of students between class I to IV in Maths and Language to significantly bring about a marked improvement in attendance of the students. It does this by working closely with and strengthening the **School Management Committees (SMCs)** in **20 schools** as a key approach. The initiative also intensifies remedial coaching through **Bal Mitras** to achieve learning outcomes, develop new **Teaching Learning Materials (TLMs)** and also further develop the libraries in **20 Bal Bhavans** along with developing interest in sports among the children.

In 2014, a pilot project on 'Community based Management of Acute Malnutrition - CMAM' was initiated in partnership with UNICEF in Nandurbar to test and arrive at best possible protocols for addressing the nutrition condition of SAM (Severely Acute Malnutrition) and MAM (Moderately Acute Malnutrition) children and develop understanding for further action based on the study result. Global evidence suggests that 80% of SAM can be managed at community level, however in India there are no standard protocols for this. This pilot is proposed for a comparative evaluation of three protocol options available for SAM management in a community setting using existing Government machinery in Nandurbar district of Maharashtra.

Thus the current study seeks to establish the best possible protocol in Indian context. The three protocols which were studied are: 1) Amylase Rich Floor Recipe (ARF); 2) Special food (SF); 3) Medical Nutrition Therapy (MNT) and; 4) Amylase Rich Flour Recipe (ARF) – total three rounds of study are proposed in all six blocks of district out of which two rounds of MNT testing in Dhadgaon and Akkalkua blocks have been completed after screening in 993 Anganwadi centres and approximately 2,039 SAM and 4,900 MAM children received treatment. In Taloda block, first round testing of SF protocol was done with 260 SAM and 897 MAM children while ARF protocol testing has so far been completed in Nandurbar block with approximately 580 SAM and 1,571 MAM children. The progress is being closely monitored and data is collected intensively for analysis of results.

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Mission 2015-20

A cluster of **47** tribal dominated villages (21 in Dhadgaon and 26 in Sakri) covering **9,000 households** has been identified for the phase–1 of the engagements in **Dhadgaon & Sakri**. The proposed cluster level program will ensure all **9,000** impacted households are part of vibrant community institutions in the form of SHGs and their collectives. The program will ensure that **SHG**, **VO**, **Federation** will be at the centre for implementing different activities with active handholding towards family based planning, monitoring implementation activities and further help to create demand within the community.

The key livelihood prototypes identified for enabling the income enhancement are – productivity enhancement of key field crops like Maize, Jowar, Paddy, Wheat, Gram, Soybean & Pigeon pea; diversification to high value crops like vegetable cultivation – Tomato, Chilly, Brinjal & Okra, including introduction of more efficient production systems. This work is expected to be precursor to more focused initiatives on specific value chains once the production end stabilized.

Promotion of horticulture fruit orchards, improved husbandry practices & reed improvement in small ruminants and intensive water resource development have also been planned as they will be key for stabilizing the agriculture productivity. In irrigation, the program will also seek to being in new technologies and innovations to improve water use efficiency. Promoting entrepreneurs among the community, closer integration with markets of the communities & their institutions and introduction of newer mode of financing with an eye on scalability, markedly away from the grant based funding, that has been prevalent here, are some the defining new approaches that will be implemented in coming years.

The engagement in the cluster will be strengthened through much needed interventions on nutrition. Building on from the experiences of the **CMAM** study, the team is now in the process to develop and roll out an intensive and integrated nutrition improvement program in the 21 intervened villages to bring about an overall and sustainable change in the nutrition status of the families, with focus on women from the SHGs are key driver of this change in the area. Along with behaviour change aspects across the target segments (adults, adolescents and children), the best possible technical solutions suitable to the area will be part of this ambitious initiative.

A new idea takes seed



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The first interaction of the program team with **Manti Bai** was in August 2014. Commercial vegetable farming in **Dhadgaon** is extremely negligible even in Rabi season. An initiation was made with **26 farmers** in Kharif 2014 in **Radikalam** village. To broad base this experience and expand number of households participating in the programme, village **Kamod** was identified. Nesting on ridge with **4** scattered hamlets and total **107 families**, the village had no experience of vegetable farming, apart from what is grown in small patches for pure household consumption.

After couple of village meetings and interactions to discuss the idea in August, **25 SHG** members agreed to go for an exposure trip to nearby Radikalam village to see for themselves the experience of other farmers who had initiated vegetable farming commercially and decide for themselves.

The result was mixed. Six women from the village agreed to experiment in coming Rabi. Manti bai was one of them. Her financial situation was quite desperate. With a seven members family (5 children & husband), she found it extremely difficult to run the family with annual income of about **Rs. 35,000**, which came from **Gram** and **Maize** from her **1.5 acre** land and farm labor work that her husband **Budha Pawara** used to do. The family also had loans from money lenders which made her situation worse.

She was concerned whether she could pull this off – manage costs and labor. But with courage, she initiated vegetable farming (Brinjal & Chilly) in **0.06 acre** of homestead land in October. Both husband and wife put their heart into the activities, following all knowledge inputs received from the programme. In between, however they got a shock when entire chilly crop in the area failed and their 200 chilly plants were lost. Undeterred, they continued with their labor. There is a lot of pride in her voice when she says that she herself sold the vegetable in Dhadgaon weekly Haat and earned around **Rs. 13,000**. Hers was also one of the most productive plots, achieving almost **5 kg** Brinjal per plant. She tells that she invested part of the money to send her younger son to residential school with the dream of a better life.

This year Manti Bai and family are the first in the village to opt for Kharif vegetable, again an entirely new endeavor. She now has **0.1** acre of land under Brinjal, Tomato and Chilly. She invested part of her earning from last season in this crop.

According to her in this year Rabi (2015) a lot of families are going to take up vegetable as they all have come to her field for exposure and inspiration.

This story continues. It's a beginning both for Manti bai and Kamod.



Impacting Quality of life & increased life choices

Promoting "smart villages"







* Pre & post project impact visualization by the community

Education

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From the poor literacy figure of just **41%** in 1991 to **54%** in 2001 and then **66%** in 2011, Jharkhand has come a long way. There were **26,740** primary and **44,675** upper primary schools in Jharkhand in the year 2010-11; out of them **18,433** primary schools and **1,188** upper primary schools were opened up between 2002-03 and 2010-11 under the **Sarva Shiksha Abhiyaan (SSA)**. The quantitative expansion in school education in the state, however, has not been accompanied with commensurate improvements in quality and learning outcomes. As it is in the case of the state, the district of Khunti also suffers from the problems of quality and quantity in its education sector. It is not only that the literacy rate is low but the learning achievement among the students is also very low.

For transformational impact, the program in this region will need to address issues arising out of following main challenges with regard to elementary and secondary school education system in the region: non-functioning schools, poor school environment, inadequate facilities for secondary education, non-availability of context specific appropriate reading material, rampant teachers' absenteeism and high dropout rates among girls, coupled with larger problem of poverty.

In this context, in 2014-15, the programme operated with focus on improving the quality of education in Khunti district, the focus was on:

Khunti, Torpa and Murhu blocks of Khunti District

- (a) Elementary School; (b) Secondary School; and
- (c) Innovation and Research.

The Elementary School component worked on quality issues in **55** elementary schools through direct implementation of the **School and Community Based Quality Improvement Programme (SCQuIP)**. The Remedial Coaching Component of SCQuIP supports government high school students in clearing their matriculation exam through academic support. The table below provides the outreach figures:

- **2,276** children of grade **III**, **IV** and **V** in **55** schools are supported in **Language**, **Maths and Environment scienc**e under School improvement programme
- 1,450 children of grade V, VII and IX in 10 schools are provided support in developing competencies in English, Maths and Science
- **5,546** childern developed skills in indigenous **art** and **craft**
- **26** sets of **Mundari** books produced and two copies of each put to use in libraries in **84** schools.
- An **English Language Enhancement Programme**, to be implemented by **Centre for British Teachers**, was initiated to develop staff capacity of Learning Assistants, Remedial Coaching Center Teachers, Learning Facilitators and Coordinator through onsite training support, ongoing support and mentoring.



Under the Innovation and Research component, two types of programmes were implemented: (a) Continuation of Girl Child Education ("Punararambh"); and (b) Quality University Education Programme. Under "Punararambh", being implemented by Vikas Bharati, 60 late-dropout girls (girls who had dropped-out in class VIII and above) were selected in the beginning of the project period and were enrolled in the National Institute of Open Schooling (NIOS) programme. These girls were provided continuous academic support and appeared in the exam.

Finally, through the Quality University Education Programme being implemented from January 2014, the **Hazaribag Jesuits Education Society** - a partner of the Trusts - provided facilities for science laboratories, books for the library, computers and equipment to **300** college students studying in **St. Xavier's College, Mahuadanr**, which happens to be the first college in the district.

Key Highlights

- 91.5% of students under the Remedial Coaching Class component passed matriculation exams in 2014, as against the district figure of 70.3% and the state figure of 75.3%. Out of 284 students, 84 secured first division, 144 secured second division and 32 secured third division. Results have consistently improved over the years; in 2010, 82.9% of students cleared their examinations.
- Under the **Punararambh** programme, **32** girls cleared their matriculation under the Jharkhand Academic Council, giving a passing percentage of **81.57%**.

Institute for Human Development, Eastern Regional Center, undertakes a third party monitoring exercise to gauge the learning levels of primary school students through SCQuIP and ESCQuIP. The report revealed that

- The programs have been successful in bringing about positive changes in the learning outcomes of the students, as compared to the baseline tests
- The students' scores in English and Hindi languages have improved; besides non-cognitive skills such as punctuality, discipline, love for learning, regularity, respect for elders, self-confidence and leadership have also been developed
- There is a growing involvement of the parents and community members in the educational process
- The programme has also positively impacted the government and para teachers
- Encouragingly, there is a growing demand for the programme's replication in the nonintervention schools as well

Mission 2015-20

The initiative plans to make intensive interventions in a bid to improve the quality of education ranging from pre-school to high school education, over a period of time. Following is the broad strategy adopted for Education work:

- Select a geographical area and work closely with a set of schools, communities and children over a period of **10** to **12** years to show lasting and relevant effects in the quality of education for deprived children. Long-term objectives of the initiative include initiating an elementary School Improvement Program with active involvement of parents and community based organizations, which would provide long lasting and relevant educational experiences and provide insights in systemic reform and create a replicable school and community based quality improvement model.
- Under the High School component, continue to focus on running **Remedial Coaching Centers (RCC)** where students of grades VIII, IX and X in secondary schools are provided academic support in the subjects Mathematics, Science and English.

The team detailed out the implementation plan based on understanding the status of schools in the area. This plan includes focus on :

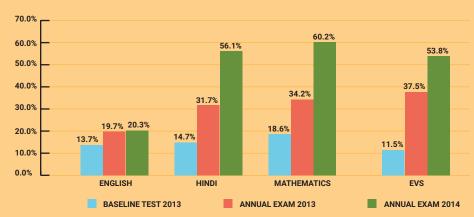
- Initiating systemic reforms in 467 government schools which is 41% of all schools of the district and enhance competency of 900 government school teachers and 600 village volunteers. This is expected to result in the creation of a sustainable and replicable model of school reform in the district.
- Improved learning levels and inculcation of co-curricular skills among **64,000** primary school children studying in grades II to VII across **467** government schools, leading to better quality of education and life.
- Enhanced learning levels (by at least **20%** compared to the baseline) among **7,000** high school children of classes VIII to X in Language, Mathematics and Environmental Studies.
- Intensively work with community through various forums like SMCs, SHGs, Gramsabha for creating an environment on education in village.

Etwari Devi - The Change Maker

"Against all odds, I was able to enroll my son in the school. He missed his school for a year because of which he had become weak in his studies. But the teaching methods used by **CInI** in the school have enabled my child to meet the learning level according to his class." While saying this **Etwari Devi** became emotional and had tears in her eyes. She used the forum of parents/SMC meeting to narrate her story and motivate other parents to engage meaningfully in the education of their children, participate in the parents meeting and come forward to improve the quality of education in schools. She is also an SMC member and has received training by CInI on her roles and responsibilities as an SMC member. Her son, **Vicky Nayak** is studying in class IV at R.U.M.S., Kodakel and is one of the best student of his class.

Learning assistant from CInI is working in the school for past three years. There has been a significant improvement in the learning levels as mentioned in the graph below:

Student's Academic Progress - UMS, Kodakel



Of the total children in school, **34%** are in the cohort being mentored by CInI.

An Example of Adoption of Best Practices

Primary School at **Bagicha Toli** was started under **Education Guarantee Scheme** and was later upgraded till class V in the year 2004. **Adarsh Mahila Mandal**, an SHG in the village, had played a key role in establishing the school. With the efforts of Gram Sabha, SHG & SMC and funds from SSA, the school building was constructed in the year 2013.

In the year 2011, CInI had implemented a Reading Improvement Program (RIP) in the

school. Further in the year 2012, School Improvement Program was started, in which efforts are made to improve the quality of education through demonstrating best practices in classroom as well as in the school. Seeing the experience of the programme, the Gram Sabha also placed a qualified person in the school when the number of teachers was less. Praffulit Bhengra is one such person who was placed by Gram Sabha in the year 2015. After observing and understanding the importance of the teaching methods and



teaching learning materials being used, she started adopting the practices in her own class. She has shown interest in participating in the training and getting support from the team. From this, it is evident that the effort of school improvement has helped in generating an interest to adopt the best practices among other stakeholders of the school.

26 books were translated into **Mundari** and published by CBT. 2 copies of each book have been distributed and are currently being used in **84 schools**. The response on the books has been quite encouraging. The students show keen interest in reading the books as they are in their mother tongue. They even take the books home to read. When the stories are read aloud, they listen to it with great interest. Even the illustration has been quite fascinating for the students.

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Drinking Water and Sanitation (WATSAN)

The Trusts have supported water, sanitation and hygiene (WASH) projects in various Indian states. With a view to consolidate water and sanitation field projects and to scale up the interventions in the sector, it is proposed to integrate all the existing and future projects under one umbrella initiative – **Tata Water Mission (TWM).** The mission is envisioned to create healthy future for lakhs of people through provision of safe, assured & adequate drinking water, improved sanitation and hygiene facilities to rural communities. The mission advocates decentralized, demand-responsive & community-managed approach to achieve the goal.

CInI hosts the hub of the Tata Water Mission in Jharkhand and Gujarat. It is working in 250 habitations across Gujarat and Jharkhand in the first phase of implementation to establish a community managed system to **secure access to Safe Drinking Water** and to **achieve Open Defecation Free (ODF) status.** Lessons from these will be further upscaled in the next phase of the mission.

There has been a considerable national focus on sanitation and policies were revised with the launch of the flagship progrmame – **Swachh Bharat Mission.** CInI, during this time, focused on streamlining the comprehensive planning of drinking water component of the programme.

Policy influence and **innovation** are significant in both drinking water as well as sanitation component in both the states. In the tribal areas, institutional framework has been a challenge. Under the project, water user committees which are traditionally organised at revenue habitation level are now being organised at the scheme level. This will greatly influence the governance and post-operative management of these schemes. While the programme is still in nascent stage in Jharkhand, the average cost of drinking water scheme is reduced by a third.

Highlight of innovation during the year was on acceptance from the community of a cost effective toilet block which reduces construction time and management. Using AAC blocks, the cost of a toilet block has reduced from **Rs. 17,000** to **Rs. 12,800** for twin pit toilet, including provision of water tank and hand washing corner. The construction time is halved from **3** days to **1.5** days taken per toilet. This innovation has fuelled demand from the community, **400** such toilets have been constructed.









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2014-15 - Year of demonstration, building capacity and innovation



Initiation of **VWSC** formation was done in **170 villages** in **Gujarat** and **25** in **Jharkhand**. **225** VWSCs were formed at habitation and village level. Efforts were made to strengthen these institutions through orientation, regular meetings and exposure. In Jharkhand, the programme is being implemented and monitored by the women's federation. The federation and its village organisations are actively engaged in dialogging and revival of the village water and sanitation committees.

Government collaboration and leveraging fund specific to drinking water component was hastened. During the period, tap water connections were ensured in 32% of the target habitations of Tribal Gujarat in collaboration with Water and Sanitation Management Organisation (WASMO), Government of Gujarat. In Jharkhand, almost 15% of the target hamlets are in stage of initiating the physical implementation after the schemes being approved by Drinking Water and Sanitation Department (DWSD), Jharkhand. In sanitation component, as change in behaviour and attitude is the foremost need, enormous efforts were made for streamlining and evolving effective communication strategy. In the process of building demand for sanitation, intensive community triggering exercises were done in various forms such as conducting sanitation mapping, walk of shame, live demonstration of effects of open defecation, activities with school children, village cleanliness drives with the community and exposures.

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There is a success story of **Dahod** in financing the toilet construction - **Sarpanch** of **Bavka** village came forward to sign an agreement with the implementing organization in his capacity as President of Village Sanitation Committee. The agreement envisaged an advance towards toilet construction which would be refunded when the subsidy amount is leveraged from the **DRDA**. Village Water and Sanitation Committee of Vadla faliya in Katholiya village had also come forward to take the responsibility of constructing the toilet in their hamlet of their own. They have only availed support of getting materials from the negotiated supply chain. Together with their own contribution, these materials would help them in constructing toilets without waiting for flow of government resources. They would repay **Rs. 500** per month until they receive the subsidy amount and once they receive the subsidy amount they will pay the rest at once. It is a small hamlet of 13 HHs to try out the model. While the above are advances of materials without any interest, SHGs of Singri faliya took loan from the bank for constructing toilets without depending on subsidy or any external financial support.

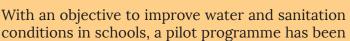
This approach holds the promise to accelerate toilet construction in the coming year. There is increasing demand from the neighbouring hamlets too for the same model of financing.

In the coming year, hamlet level sanitation plans will be prepared and rolled out. Comprehensive capacity building for VWSC leaders, community leaders and peer educators will be undertaken. While efforts for capacity building have been made, we would like to improve this through: a) Refining in methodology and content; b) Enhance linkage of the training with role of VWSC member; c) Follow up/refresher training requirements; d) Deeper understanding of post training support requirement. Nesting this programme more strongly in the development agenda of the women's self help groups will be imperative.

School Sanitation Initiative in Khunti, Jharkhand

In most of the 56 schools where CInI is working, there is an issue on basic water and sanitation

facilities. It is a known fact that the provision of safe water and sanitation facilities in schools is the first step towards a healthy physical learning environment, benefiting both learning and health. Provision of drinking water and basic sanitation facilities in these schools will not only improve the learning environment but also help the students to practice healthy life skills on hygiene and sanitation. This practice will percolate gradually to the community and will bring multi-fold benefit to them in long run.





initiated during this period. An exploration exercise was done and it was found that materials prepared by an organization, Thoughtshop Foundation, was appropriate to introduce the concept of sanitation within children of schools. In the process, **14 Learning Facilitators** were trained as master trainers. These Learning Facilitators conducted training for Learning Assistants of all these **56** schools on use of the booklet. The Learning Assistants provided classroom input to the students using the booklet in Environment Science periods. They also did activity based interaction with the students to provide information on sanitation and hygiene. Dialogue has been initiated with District Education department for a pilot comprehensive school **WASH** programme in **10** schools.

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Monitoring, Evaluation and Learning

The framework for **Monitoring**, **Evaluation and Learning** (**MEL**) envisages effective synthesis of the knowledge generated and its communication to the larger sector. Data, **quantitative** as well as **qualitative**, is recorded both manually & electronically and synthesized at field level for decision making. The same data set is used for reporting to the Trustees of the Trusts and CInI on predefined indicators. A strategic MEL system will enable taking informed decisions on the progress of the program and capture knowledge for improved effectiveness of program delivery. During the year, four baseline studies were done. Thematic studies on high value agriculture was further refined and brought to closure.

Glimpse of baseline & impact studies in various clusters during 2014-15, which were incorporated into the programme design in the respective areas.

Baseline study: Tomka, Kendujhar, Odisha

Sampled HHs: 181

Almost **92%** families belong to Scheduled Tribes in the area with mean sex ratio of **890**. Cycle **(72%)** is the most common asset in the locality, followed by mobile **(55%)**. More than **50%** HHs have job cards & ration cards. Average land holding is **1.72 acres**. **77%** of the surveyed HHs are engaged in Kharif agriculture while only **10%** involved in second cropping. The average production of transplanted paddy through traditional method is **10 quintal/acre**. Only **17%** of HHs have grain sufficiency round the year from their own land. The average income of a family is **Rs. 38,973**. Wage labor is the primary source of income, contributing **67%** of total cash flow of a HH. Agriculture & livestock provide food security and emergency requirements respectively.

Baseline study: Khedbrahma block of Sabarkantha district

Sampled HH: 200

As per well-being ranking of HHs, **5.5%** are in **A** - High, **41%** in **B** - Better-off & **53.5%** in **C** - Low category. All surveyed HHs belong to Scheduled Tribes. Agriculture is the major source of livelihood while unskilled labor work is the secondary occupation. **94%** of the families own ration cards while **65%** have Kutcha house. Jewelry is the most common non-farm asset followed by mobile while plough is possessed by most of the farmers as farm asset. **46%** of the HHs use to migrate for wages to distantly locate suburban areas. Mean land holding of the area is **1.12 acre**. Dependency on friends & relatives for loan has been analyzed at **49%** of surveyed HHs having an average loan of **Rs. 9,642.** Keeping cash at home followed by purchasing jewelry are preferred options of saving. The average productivity of Maize & Cotton is **6.7 & 4.8 quintal** per acre respectively.

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Baseline study: Harichandanpur, Kendujhar, Odisha

Sampled HHs: 261

The population in the project area comprises 91% Scheduled Tribes (ST) and 9% Other Backward Castes (OBCs). Only 0.4% HHs have toilet at home while 63% families have electricity. Sex ratio of the area is 959 females per 1,000 males. Agriculture is the primary source of income while labour is the secondary one. The average landholding is 2.16 acre per household. Mono cropping is mostly practiced in the area in Kharif season only. Livestock is one of the liquid assets available at the household. Banks are the largest source of keeping savings of the population in the area. People prefer to take loan from their friends/relatives followed by bank & SHGs. 67% of the households have sufficient amount of food grain produced from their own farm for self consumption round the year. At least one member from 23% families migrates from the village in search of work.

Baseline study: Ojhar, Badwani, Madhya Pradesh

Sample HHs: 201

Tribal dominated habitations from project region are largely dependent on agriculture as a major source of livelihood. Average area under cultivation is **3.83 acres** per family while average area under irrigation is **2.17** acres per HH. Mean productivity of Maize is **7.78 quintal** per acre while that of Cotton is **6.43 quintal** per acre. **90%** of the HHs have ensured food security from their own farm. Access to formal financial institution is high on money lenders **(36%)** with varied rate of interest up to **4%** per month. Share of agriculture in gross annual family income is around **69%**. Share of livestock is too less which can be enhanced with intentional efforts. Migration percentage in the area is reported by **22%** HHs and that too for maintaining regular expenses in absence of adequate opportunities at village level.



PwC conduced a third party independent evaluation of Kharif Paddy Stabilization and Kharif Maize Stabilization programmes undertaken in **Odisha & Jharkhand and Gujarat** respectively.

The key result of the study is summarized as follows:

	KPS	KMS		
Knowledge enhancement	Technical capability of the service providers was perceived as satisfactory and 100 percent sample beneficiaries favored continuation of service.	90 percent of the respondents		
	100 percent respondents reported experience with crop demonstration in paddy, wheat and/or wheat, pigeon pea, vegetables and found it useful.	High levels of satisfaction with the quality and timeliness of the advice with an average of 3 visits per farmer per month from service providers.		
	70-80 percent beneficiaries reported confidence in most of the practices demonstrated.	92.6 percent beneficiaries reported confidence in most of the practices demonstrated.		
	96.7 percent of the sample beneficiaries had an experience with trainings.			
Productivity enhancement	Productivity of paddy has enhanced from 11.3 quintals per acre to 20.8 quintals.			
	Increased food sufficiency (paddy) from 12 to 23 months/acre	Increase in food sufficiency (maize crop) from 10 months to 17 months from one acre land.		
Other areas	High probability (more than 95 percent) of sustained adoption of recommended practices including post-harvest management and storage.	reported availability of quality seeds		
		High probability (more than 90 percent) of sustained adoption of recommended practices.		

Mission 2015-20

MEL would continue to play its role but will have a deeper engagement with evidence based decision making and roll out. The programme has developed a household level tracking software which will give credible data on programme performance. For education, this will be done at the level of the child. Indicators for the same have been finalized. A detailed annual work plan exercise will be held together with all stakeholders. A high level review mission will be commissioned each year. Third party evaluations would be continued to validate the process as well as outputs being reported to the Trusts.

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SMS & Associates

Chartered Accountants

13/82, LGF, Vikram Vihar Lajpat Nagar-IV, New Delhi - 110 024 Tel.: 011-41729407, 46103248, 9811991182 E-mail: ssadhoo@smscorporate.net Website: www.smscorporate.net

Independent auditors' report to the trustees of Collectives For Integrated Livelihood Initiatives (CInI)

Report on the financial statements

We have audited the accompanying financial statements of Collectives For Integrated Livelihood Initiative (the Trust), which comprise the Balance Sheet as at March 31, 2015, and the Income and Expenditure for the year then ended and a summary of significant accounting policies and other explanatory information.

Management's responsibility for the financial statements

Trust management is responsible for the preparation of these financial statements that give a true and fair view of the financial position, financial performance of the trust in accordance with the accounting principles generally accepted in India, including accounting standards. This responsibility also includes the maintenance of adequate accounting records in accordance with the Accounting Standards as prescribed by Institute of Chartered Accountants of India, to the extent applicable. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or

Auditor's responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Trust's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the company's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimation made by management, as well as evaluating the overall presentation of the financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

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Independent auditors' report to the trustees of Collectives For Integrated Livelihood Initiatives (CInI)

Opinion

In our opinion and to the best of our information and according to the explanations given to us, the financial statements give the information so required and give a true and fair view in conformity with the accounting principles generally accepted in India:

a. In the case of the Balance sheet, of the state of affairs of the Trust as at March 31, 2015 and

b. In the case of the Income and Expenditure, of the excess of income over expenditure for the year ended on that date.

We report that:

- a) We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit.
- b) In our opinion proper books of account as required by law have been kept by the trust so far as appears from our examination of those books.
- c) The Balance Sheet, Income and Expenditure A/c dealt with by this report are in agreement with the books of account.
- d) In our opinion, the Balance Sheet and Income and Expenditure A/c comply with the accounting standards issued by The Institute of Chartered Accountants of India, so far as applicable.

For SMS & Associates

Chartered Accountants

Firm Registration Number: 018687N

Shukdev Sadhoo

(Partner)

Membership No: 084188

Date: 10/09/2015

Place: New Delhi

BALANCE SHEET AS AT MARCH 31, 2015

As at March 31, 2014			46.50		As at March 31, 2015
Rs.	Rs.	SOURCES OF FUNDS	Schedule	Rs.	Rs
		SOURCES OF PURES			
99.395		Corpus Fund			99,395
(198,129)		General Fund	Λ		
(190,129)		Donated Assets			1
1,781,110		Capital Fund for Fixed Assets			1,650,184
1,949,577		Income & Expenditure A/C	В		2,307,843
57,214,891		Unutilised earmarked fund	C		171,370,062
291,957		Current Liabilities	D		702,521
291,931		Cultural Education			
61,138,801					176,130,005
01,130,001		APPLICATION OF FUNDS			
		FIXED ASSETS	E		
	3,447,525	Gross Block		4,223,385	
	1,666,416	Less: Depreciation		2,335,407	
1,781,110		Net Block			1,887,979
1,701,110		Donated Assets			1
		CURRENT ASSETS LOANS AND ADVANCES			
52,987,381		Cash & Bank Balances	F		165,356,477
		Loans & Advances	G		8,885,549
6,370,309		Louis of the thirty			
					176,130,005
61,138,801					

 $Significant\ accounting\ policies\ and\ Notes\ to\ account\ form\ an\ integral\ part\ of\ the\ Financial\ Statements\ -\ Schedule\ L.$

As Per our report attached

For SMS & Associates Chargered Accountants Firm/Registration Number:018687N Shukder, Sadhdo

Partner Membership No. 84188

Place New Delhi Date: 10.09.2015

For COLLECTIVES FOR INTEGRATED LIVELIHOOD INITIATIVES

Executive Director

President

COLLECTIVES FOR INTEGRATED LIVELHOOD INITIATIVES (CIn1)

INCOME AND EXPENDITURE A CCOUNT FOR THE YEAR ENDED MARCH 31, 2015

Year ended March 31, 2014 Rs.		Schedule	Year ended March 31, 2015 Rs.
42,314,884	INCOME Grant Utilised	C	58,529,081
52,283	Interest	н	347,844
1,612,281	Other income	1	1,525,825
43,979,448			60,402,750
	EXPENDITURE		
42,314,884	Grant Utilised	C	58,529,081
285,151	Administrative and general expenses	J	1,225,886
	Depreciation Expenses	К	92,102
42,600,035			59,847,069
1,379,414	Surplus for the year carried to Balance Sheet		555,681

Significant accounting policies and Notes to account form an integral part of the Financial Statements - Schedule L

As Per our report attached to the balance sheet

For SMS & Associates Chartered Accountants First Regulation Number:018687N

Shugdev Sadhoo Partner Della

Membership No. 84188

Place : New Delhi Date 10.09.2015 For COLLECTIVES FOR INTEGRATED LIVELIHOOD INITIATIVES

Varties Jain Executive Director

President

CInI has over the years built significant internal capabilities with a professional team experienced in working with tribal families of different pockets and motivated to bring transformational change in the region.

Members of the team

Amit Wajpe

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Coordinator - Drinking Water & Sanitation

Ashima Evelyne Baxla*

Grant Manager

Asiani Marki

Coordinator

Arun Kumar Mahto

Learning Facilitator

Ayan Deb

Programme Coordinator

Bapi Das

Field Assistant

Bhavesh Dhorda

Accounts & Administration Officer

Bibhu Prasad Mishra

Accounts & Administration Officer

Bidyut Mohanty

Administration Officer

D. M. Choudhary

Education Coordinator

Dayaram Dabhi

Technical Officer - Agriculture

Debmalya Nandi

Assistant Coordinator

Dharmesh Trivedi

Technical Officer - Drinking Water & Sanitation

Divya Jyoti Tirkey

Resource person

Eblin Horo

Community Relationship Supervisor

Garima Kumari

Assistant Coordinator

Helen Topno

MIS Assistant

Imran Khan

Learning Facilitator

Jogindra K Meher

Accounts Assistant

Judith Hembrom*

Administrator - Grant Management

Julius Bingra

Learning Facilitator

Jyoti Minjur

Learning Facilitator

Kanchan Kumari

MIS Assistant

Kavita Sharma

Administrator - Grant Management

Dr. Khushbu Gandhi

Programme Coordinator

Kiran Petare*

Coordinator

Kishore Topno

Learning Facilitator

Madhu Sudan Mohanta

Field Assistant

Mala Roy

Programme Leader

Mamura Khan

Coordinator

Manoj Kumar Mandal

Field Assistant

Md. Moazzam

Monitoring Associate

Nandlal Patil

Project Associate

N. Malvika

Team Accountant

Onkar Pandey

Location Anchor

Prabhu Sah

Field Assistant

^{*} Left CInI during the year under review

Prasanna Kumar Modak

Agriculture Assistant

Priti Sudha Hembrum*

Monitoring Associate - Livestock

Punita Tigga

Learning Facilitator

Rajendra K Joshi

Accounts Assistant

Rashmi Agnes Guria*

Learning Facilitator

Sachin Kumar Singh*

Learning Facilitator

Salim Asian Bodra

Learning Facilitator

Samir Bhattacharya

Programme Coordinator and Team Leader - Maharashtra

Samundar Singh Senger

Project Coordinator

Sanarti Jojowar

Learning Facilitator

Sandhya Kumari

Learning Facilitator

Santanu Dutta

Team Leader (Odisha)

Satish Pandurang Ekhande

Technical Officer - Agriculture

Shahnawaz Alam

Assistant Coordinator - Water & Sanitation

Shaktiprava Maharana

Assistant Coordinator - Water & Sanitation

Shifa Shams

Learning Facilitator

Shiv Charan Mahto

Learning Facilitator

Sirshendu Paul

Team Leader (Jharkhand)

Somnath Das

Field Assistant

Sudipta Das

Technical Officer - Agriculture

Sujit G Kumar

Team Leader, CInI - West

Sukhdeo Mahto

MIS-in-charge

Suraj Murmu

Technical Coordinator - Water Resource Development

Tarun Kumar

Learning Facilitator

Umesh Rana

Location Anchor

Vartika Jaini

Executive Director

Vikash Sharma

Accounts Officer

Vinay J Sanchela

Technical Officer - Training & Documentation

Virendra Vaghani

Coordinator - Water Resources

Vivek Kumar Dubey

Learning Facilitator

Vivek Singh

Assistant Coordinator - MF & Institution

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Training and Capacity building

Team members attended various capacity building training programmes during the year:

• A team member trained under the "Community Process Facilitator Program", organized by HIDF in Bhopal

- Training on "Data Analysis Skills Using SPSS" organized by IRMA
- Team member attended a training on "Feed management of Pigs" organized by ILRI in Netherlands
- · An exposure to understand pig sub-sector in Vietnam was undertaken, facilitated by ILRI
- · Customized accounts training organized by Account Aid in New Delhi
- 3rd SATNET Policy Dialogue on The Role of Technology transfer in Agriculture for Sustainable development outcomes at Bogour, Indonesia
- . Team members attended the 7^{th} Group Relations Conference, sponsored by Group Relations India and HID Forum in Bangalore, on exploring the place of compassion in the exercise of leadership

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Governing body and General body meetings

Two Governing Body meetings were held in the financial year 2014-15. 13th Board Meeting was in September, 2014, Ms. Tasneem Raja from Tata Trusts attended as special invitee besides CInI team members. 14th Governing Body was held in March, 2015 at Mumbai in which Mr. Venkatramanan, Executive Trustee, Tata Trusts and CInI team members attended the meeting as special invitees.

The Board approved Annual Work Plan for 2014-15 and operational plan for Mission 2020 this year.

Members of Governing body

Mr. B. S. Taraporevala *President*

Mr. Yogesh Nanda Vice President

Dr. Tushaar Shah

Mr. Sunil Bhaskaran

Dr. Vishwa Ballabh

Mr. Arun Pandhi

Mr. Manas Satpathy

Mr. Girish Sohani

Mr. J. N. Mistry

Mr. Biswanath Sinha

Dr. Rajesh Thadani

Mr. Biren Bhuta

Ms. Vartika Jaini Executive Director

Auditors

SMS & Associates, Lajpat Nagar, New Delhi **Internal auditors**

R. Gopal & Associates
Jamshedpur

Bankers

Axis Bank Ltd,Jamshedpur & Ahmedabad

HDFC Bank, Jamshedpur & Ahmedabad

Of 2445 blocks having a poverty head count ratio exceeding 50 per cent, 897 blocks can be classified as tribal blocks, that is, having a tribal population exceeding 20 per cent. Of these 897 tribal blocks, 649 blocks (72 per cent) have poverty HCR exceeding 50 per cent and 577 tribal blocks (64 per cent) are rainfed. It appears, therefore, that there is a high correlation between tribals, rainfed areas and incidence of high poverty. The fact that the blocks inhabited by greater percentage of tribals tend to be the poorest blocks, is a matter of serious concern. In this context, the Central India Initiative of the Tata Trusts, is working to build 45 blocks as drivers of regional growth in the Central Indian Tribal Belt. It would bring 300,000 households irreversibly out of poverty with increased life choices. This is made possible by a coalition of like minded agencies and community institutions. CInI is the nodal agency for this initiative.

Collectives for Integrated Livelihood Initiatives (CInI)

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Gujarat

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