



**MOIL LIMITED**

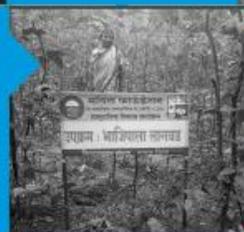
(A Government of India Enterprise)

# CSR E-Book 2019-2020

Strengthening communities to  
create better society

हर एक काम  
देश के नाम

# CONTENT TABLE

 <p>Our Board of Directors Page_4</p>	 <p>Our Vision for CSR and Sustainability Page_6</p>	 <p>Strengthening Communities: An overview of MOIL's activities Page_8</p>	 <p>Promoting Education &amp; Skill Development Page_10</p>
 <p>Infrastructure Development Page_15</p>	 <p>Health and Hygiene Page_18</p>	 <p>Water and Sanitation Page_20</p>	 <p>Livelihood Development Page_22</p>
 <p>Water resource development Page_26</p>	 <p>Water and Sanitation Page_20</p>	 <p>Livelihood Development Page_22</p>	 <p>Water resource development Page_26</p>
 <p>Livestock Development Page_28</p>	 <p>Quality of Life Page_31</p>	 <p>Community Health Page_35</p>	 <p>Water and Sanitation Page_20</p>
 <p>Rewards and Recognitions Page_37</p>	 <p>CSR Spend in Financial Year 2019-20 Page_38</p>	 <p>Water and Sanitation Page_20</p>	 <p>Water and Sanitation Page_20</p>

# OUR VISION FOR CSR AND SUSTAINABILITY

Corporate Social Responsibility (CSR) and sustainability are considered essential ingredients of corporate governance. CSR is a continuous process at MOIL limited. With a vision towards improving lives to create a healthier and happier society through social commitments, MOIL has crafted the following mission in its CSR and sustainability policy.

- To act as a responsible corporate entity working for enriching the quality of life for the communities in which we operate and serve as good stewards of society and the environment.
- To endeavor to bring about the holistic development of underserved communities in a sustainable and impactful manner and to support their upliftment.

We envision making CSR a key business process in sustainable development for the society and environment with a balanced emphasis on all aspects of CSR and Sustainability - equally concerning its internal operations, activities, and processes, as well as in their response to externalities to create community assets for the development of rural and urban society.

We are committed to adopt a well-integrated approach for sustainable development to improve resource efficiency, minimize the impact of its operations on the environment simultaneously improving the status of the community. Our strategy put the main thrust of the CSR and sustainability activities on capacity building,

empowerment of communities, inclusive socio-economic growth, environment protection, promotion of green and energy-efficient technologies, development of backward regions and upliftment of the marginalized and underprivileged sections of the society in general and those of the project areas in particular.

For more than a decade now, MOIL has been implementing CSR activities in and around its project areas as well as across pan-India on need basis. The peripheral areas/impact zones of the company's operations through its plants, mines, and units are committed at least 80% of the total CSR budget whereas the rest of the expenditure is carried out throughout India as the need arises.

The activities are identified based on the needs assessment survey or baseline surveys, community-driven demands. These findings are incorporated into the annual plan of CSR activities. Different collaborations with NGOs, government bodies, and experts are sought to effectively implement the planned CSR activities as per the due processes established under the CSR and sustainability policy. With a strategic approach, we have built partnerships with non-government organizations (NGOs) experts in the areas of sustainable development to implement the CSR activities in order to make the maximum impact. We have a well-established internal policy for monitoring, reporting, and transparency for the successful execution of the annual CSR plans.



# STRENGTHENING COMMUNITIES: AN OVERVIEW OF MOIL'S ACTIVITIES

MOIL endeavours to make a positive contribution to the underprivileged communities by supporting a wide range of socio-economic, educational, and health initiatives. It implements various programmes under CSR in collaboration with various NGOs, Government Departments, and partners to achieve the holistic development of the communities and building their capacities to achieve better living standards and happy lives.

In 2019-20, MOIL has implemented programmes for promotion of education and skill development, infrastructure development at community level, health and

hygiene activities. MOIL has also partnered with BAIF, Maharashtra Institute of Technology Transfer for Rural Area (MITTRA) for the community development program which promotes the holistic development of rural communities through enhanced agriculture production, livestock development, better community health, and promoting sustainable livelihood.

Through the various interventions, MOIL has touched more than thirty thousand lives this year. A snapshot of the activities is presented alongside.





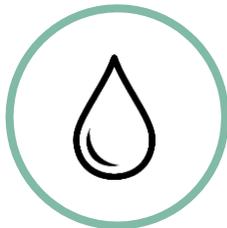
### Infrastructure Development

- 3160 meter road construction completed in 7 villages.
- Drainage constructed in 2 villages benefiting 110 families.
- Constructed 2 community hall benefiting 3227 households.



### Livelihood Development

- 150 farmers provided micronutrients based on the soil health cards.
- 77 household benefited from ethno-veterinary practices.
- 3827 livestock are artificially inseminated for improved breed.



### Water Resource Development

- 1665 cubic slit was removed, 15 lakh liter additional storage capacity of stream enhanced.
- 55 acres of additional land was brought under irrigation.
- 8 bore wells recharged using rain water harvesting techniques
- 30 farmers are using drip irrigation methods



### Promoting Education & Skill Development

- 8 schools are supported, reaching to 2118 students.
- 65 youths and 15 adolescent girls completed skill development training.



### Health and Hygiene

- 1500 people screened in health camps and 500 patients are treated for Cataract.
- 2000 girls got access to the hygienic napkins through napkin vending machines.



### Quality of Life

- 2720 women are connected through 272 SHGs
- 3 SHGs are engaged in various business.
- 20 differently-abled persons were supported by providing tricycles to improve their mobility and be independent
- 90 toilets are built for families identified in Left Behind Survey.
- 280 Clean and Hygienic Kitchen promoted
- 463 Integrated Renewal Energy and Sustainable Agriculture (IRESA) Units are constructed

# PROMOTING EDUCATION AND SKILL DEVELOPMENT

Activities undertaken for the promotion of quality education and skill development



- Saksham Baliks Yojana - BSc Nursing education for 15 girls in collaboration with Apollo College of Nursing at Hyderabad
- 65 Youth trained in Assistant Mine Surveyor, Mining Mate, Mine Electrician and Welder

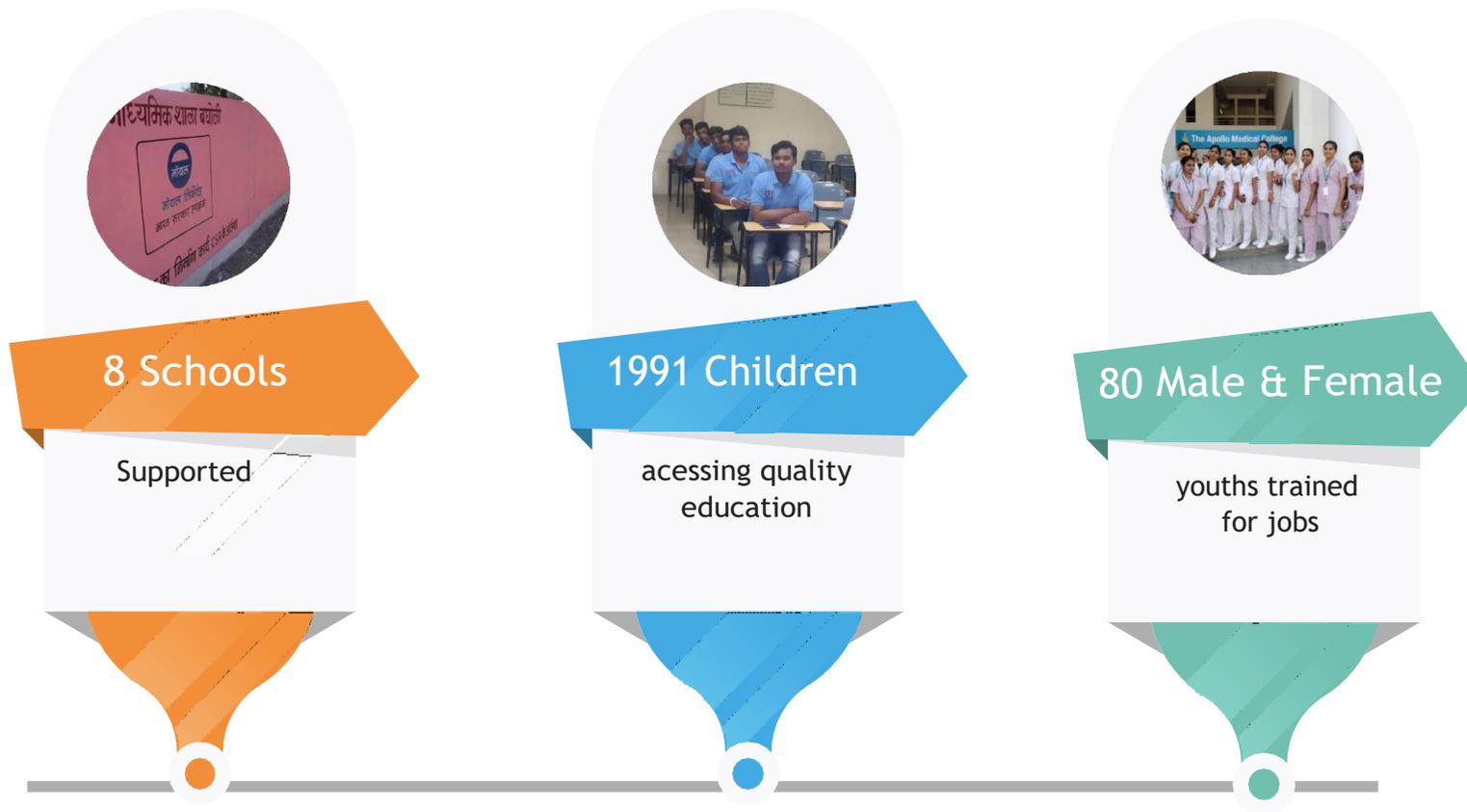


- Navin Desai Residential School (NDRS) at Pachgoan, Nagpur
- The Zilla Parishad School at Bagholi, Balaghat
- Kendriya Vidyalaya, Balaghat
- RNT School at Balaghat, Ukwa and Dongri Buzurg



- DAV MOIL Public School at Sitasaongi Village, Bhandara
- DAV MOIL Public School at Munsar Village, Nagpur

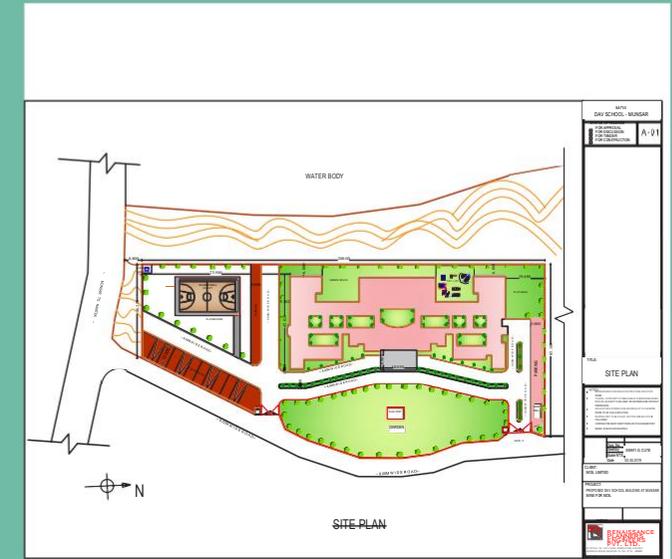
In pursuance of promoting quality education and skill development for youth, MOIL has been undertaking different projects in villages surrounding its mines. The inadequacy of learning space and associated facilities in schools often hampers the process of imparting quality education to the students. The problem of unemployment is critical in rural areas and even grave across the gender. Women in general lack opportunities due to social constraints. The projects undertaken include the construction of schools, enhancement of school infrastructure, and providing skill development education to youths in rural areas. This has enabled the children of backward communities hailing from these remote areas to access quality education. The youth have got opportunities for training and skill development to enhance their employability skills and gain meaningful employment.



MOIL has constructed DAV Public School at Sitasongi village, and the construction of another DAV School is in progress at Mansar village. MOIL supported DAV Public school strives for quality of education with a philosophy to provide 'Global Education with a Blend of Local Culture'. Accordingly, the school conducts various academic and extra-curricular activities for the holistic development of 1028 students. The school achieved 97.9% in Xth standard result. The school implements musical, sports and cultural programs and education for all the students. A batch of 8 scouts and 8 guides completed Rajya Puraskar. Many students have represented school at national sports. To imbibe cultural values in the students, the school celebrates various national days along with local and cultural festivals.



DAV Public School, Sitasongi



Site plan for DAV School, Mansar



Multiple activities undertaken at school



Skill development program for the youth of Nagpur, Bhandara, and Balaghat districts. The skill trades required for Assistant Mine Surveyor and Mining Mate were imparted during training.



A batch of 65 youths was trained in the first training batch.



MOIL promoted skill development among young girls through Saksham Balika Yojana. Under this initiative, the girls are encouraged to take up B.Sc. Nursing course at Apollo College of Nursing at Hyderabad.



The first batch of 15 girls pursuing B.Sc Nursing at Apollo College of Nursing, Hyderabad

The Zilla Parishad School at Bagholi and Kendriya Vidyalaya had a well-built school building but there was no boundary wall. Without the boundary wall the school premise was open from all sides and is vulnerable to trespassing by unauthorized persons and it was compromising the safety of the children. So, the MOIL supported the school for building a boundary walls. This ensures the safety and security of the students.



Boundary wall constructed at Bagholi



Boundary wall constructed at Kendriya Vidyalaya Balaghat

# INFRASTRUCTURE DEVELOPMENT

The project areas lack basic infrastructures like roads and drainage systems. The absence of an approachable road to the villages makes these villages inaccessible, especially during monsoon seasons. An accessible road helps villagers to commute throughout the year, while the well-built drainage systems avoid slogging of water creating unhygienic conditions for residents. The projects undertaken have contributed to the construction of RCC and BT roads and the building of drainage systems. Besides, MOIL has also undertaken construction of community halls as a common place for various festivities and celebrations of the community, and rooftop solar systems to promote renewable energy.

## Road Construction

3160 meter road construction completed in 7 villages



## Community Halls

Two community halls benefitting over 3227 of families in 2 villages



## Drainage Works

Construction of drainage systems for 2 villages impacting over 110 families



## Roof Top Solar Systems

Installed grid connected rooftop solar system with net-metering resulting into savings of upto Rs. 10 lakhs for the community

# TABLE OF ROAD CONSTRUCTION IN VILLAGES

Sr. No.	Name of the village	District	Population	Concrete road constructed	Type of Road (RCC/BT)
1	Fetri	Nagpur	728	100m	RCC
2	Tighai	Nagpur	419	320m	RCC
3	Sitasaongi	Bhandara	4001	500m	RCC
4	Nakadongri	Bhandara	3254	300m	RCC
5	Bagholi	Bhandara	1799	200m	RCC
6	Kainci	Nagpur	-	670m	RCC
7	Mouli	Nagpur	1977	1070m	RCC & BT
Total Length			12,178	3160m	





Drainage system was constructed at Bagholi village of Balaghat



Community Hall constructed by MOIL at Khairlanjee Village

# HEALTH AND HYGIENE

## Eye Care and Surgeries

To prevent blindness due to cataract and other eye ailments, screening of patients was undertaken through health camps and doorstep mobile services. More than 1500 patients were screened to identify patients. A total of 163 patients were screened at the health camp and the rest of the patients were screened at the village level through doorstep mobile service. 500 patients have been provided with free cataract surgery, whereas 19 patients have been assisted for vitreoretinal eye surgery.



Doctors screening patients for cataract and other eye ailments



Team of doctors and patients who have completed successful eye surgeries



## Prioritizing Menstrual Hygiene for adolescent girls

Menstruation and menstrual practices are still clouded by taboos and socio-cultural restrictions resulting in adolescent girls remaining ignorant of the scientific facts and hygienic health practices, which sometimes result into adverse health outcomes. The reaction to menstruation depends upon awareness, knowledge about the subject and availability of resources. Although menstruation is a natural process, it is linked with several misconceptions and practices, which sometimes result into adverse health outcomes. To address this, MOIL has installed 50 Sanitary Napkin Vending Machines in 50 co-educational and girls only schools of Nuh district, Haryana. The installation of sanitary napkin vending machines was proposed to ensure menstrual hygiene for adolescent girls. Nuh (Mewat) District of Haryana has been designated as Aspirational District by Niti Aayog and Ministry of Steel has been designated as the nodal Ministry for the District.



## Infrastructure support for children with special needs

Two units of the electric oven were donated to Nagai Narayanji Memorial Foundation, Nagpur to contribute towards the health of the differently-abled children. These ovens are being used for the molding of plastic for the preparation of artificial limbs for the rehabilitation of children with special needs.

# WATER AND SANITATION



## Ensuring access to clean drinking water

Hand pumps have been installed in 42 villages of Nagpur and Bhandara districts. This has ensured access to clean drinking water during summer.



## Ensuring Waste Management Organically

There are 117 gardens in the Nagpur city under the Nagpur Municipal Corporation. A large quantity of organic waste is being generated in these gardens from the trees, plants, etc. All the organic waste generated can be converted into manure by processing the same through the organic waste converter machines. The manures generated can be used in the gardens itself. MOIL has installed 10 organic converters at 10 gardens of Nagpur city; which contributes to furthering the goal of Swachh Bharat Mission. Each converter can process 500 Kg of organic waste per day



## Caring for the community

The village Gram Panchayat of Kantri had demanded of Hearse Van. It was difficult to carry dead bodies from the hospital; hence there was this demand from the village.

# LIVELIHOOD DEVELOPMENT

To improve the livelihood capacities of the rural population Community Development Program is implemented in partnership with BAIF-MITTRA in 21 villages spread across Nagpur, Bhandara, and Balaghat district. Manasar, Dongri, and Bharveli are three clusters under the program. The program has undertaken a multi-pronged approach with a focus on improving practices in agriculture management, access to required tools and machines for agriculture, and diversification of crops, thus enhancing the productivity of agriculture.

## Micronutrient Support



150 farmers provided micronutrients based on the soil health cards. 15% increase in the production of the crops.

## Plastic Mulching



20 demonstrations plots are created in three clusters

## Farmers Training



20 farmers trainings were conducted with a total participation of 1148 farmers. 735 farmers adopted training learnings.

## Diversifying crops



380 farmers are engaged in horticulture, vegetable, pulses and spices production.

The Community Development Program supports the diversification of agriculture crops which are area-specific and also reduces the dependency of farmers on cash crops. This makes farming more resilient and hence more returns. In this initiative, the farmers are encouraged to opt for horticulture, vegetable cultivation, pulses cultivation, and spices cultivation. A total of 6.72 tons of chilly was produced, while a total of 2.74 tons of ginger and 112kg of turmeric were produced.

Sr. No.	Name of the Clusters	Number of Horticulture plots	Number of pulses cultivation plots	Number of vegetable cultivation plots	Number of spice cultivation plots
1	Mansar	50	40	15	30
2	Dongri	-	120	20	40
3	Bharvelii	-	40	15	10
<b>Total</b>		<b>50</b>	<b>200</b>	<b>50</b>	<b>80</b>





2.74 tons of ginger was produced by the farmers.



Farmers were supported to diversify the crop production like vegetables.



Farmers endorsed the use of mulching sheets. It has dual benefits, on one side it drastically reduces evaporation of water and contributes to crop productivity in less water.



Farmers training are conducted to inculcate agriculture technologies and to address the issues of the farmers.

## Entrepreneurship driven custom hiring centers

- During the peak periods of agricultural season, when demand is high and agriculture labour are not available, the use of agricultural machinery has become foreseeable. But often the cost of using machine is very high and their availability at local level is also not easy. Hence, under the Community Development Program, a Custom Hiring Center was established through Harit Kranti Krushak Gat at Banpuri village. The principle focus of the activity was on self-sustainability of the center. The required capital amount for the establishing of center has been provided as a grant. The farm equipments procured by the center are rented out to farmers thus drawing revenue for the group. The Center has 1 set of equipment comprising of 2-Paddy Reapers, 1- Paddy Transplanter and 5-Batter Operated Spray Pumps. In a year the group had a turnover of Rs. 50,000 and a profit of Rs. 30,000 since its inception. The group aspires to buy tractor in the coming year.



Harit Kranti Krushak Gat established a custom hiring center



The center has various agriculture tools for the farmers



Farmers using tools from the custom hiring center

# WATER RESOURCE DEVELOPMENT

Efficient irrigation is crucial for agriculture development. The water availability and management of available water are important to have efficient irrigation which is obtained from various sources. Thus the program focuses on the holistic management of water sources. It promotes the availability of water sources by working on the de-silting of existing check dams and also by recharging the dysfunctional borewells. While on the utilization part it promotes micro-irrigation techniques like a drip. Thus addressing the enhanced capacity of irrigation structures and minimizing the wastage through micro-irrigation. Besides, for sustainability program also conducted training for farmers on water management and water budgeting.



## Desilting of Check Dam

1665 cubic meters of silt were removed. 15 lakh liters of additional water were stored. 33 families owning 55 acres of land is under irrigation.



## Recharge of Borewell

8 borewells recharged using rain water harvesting techniques.



## Micro Irrigation

30 farmers using drip irrigation techniques.



De-silting of a check dam at Chikla village of Dongri cluster. 1665 cubic meters of silt was removed.



To enhance the irrigation borewell recharge techniques are implemented, which is based on rain water harvesting.



Micro irrigation involving drip is promoted among the farmers for effective water resource management for agriculture



De-silted check dam at Chikhla village with an increased water storage capacity

# LIVESTOCK DEVELOPMENT

'Livestock' is an integral part of the rural economy; the Community Development Program has adopted a holistic approach to livestock development. It imparts a scientific approach by implementing artificial and sex-sorted insemination, training farmers on best practices of livestock rearing, promoting ethnoveterinary practices, and also promoting localized fodder production as an enterprise. It helps farmers in all aspects of accessing and affording the best practices of livestock rearing.



5 Cattle Development Centers carry out breed improvement scientifically, through artificial and sex sorted insemination. 3582 cattle were artificially inseminated. 245 goats were also artificially inseminated in the center to improve the breed of goats.



16 fertility camps were conducted for cattle treatment. 160 cattle were treated for infertility, whereas 1669 got treatment for general sickness.



10 'Pashu Mitra' are trained to provide continuous support to the farmers at village level.



77 household benefited from ethno-veterinary practices that use plant-based medicines for treating sick animals. It reduces the dependency on costly medicines.



Localized fodder development through 210 demonstration plots of Maize and Hybrid Napier.

Sr. No.	Name of the Clusters	Cattle development Center	Artificially inseminated Cows	Artificially inseminated Buffalo	Sex sorted insemination	Artificial insemination of Goats	Total number of livestock inseminated
1	Mansar	1	701	42	110	93	946
2	Dongri	3	1465	295	252	42	2054
3	Bharveli	1	595	65	57	110	827
Total			2761	402	419	245	3827



Cattle Development Centers at Mansar, Bharveli, and Dongri use artificial insemination techniques for creating and promoting high yielding breeds of cattle.



Infertility camps were organized. 106 infertility cases were treated in the camp.



To support the cattle development farmers are made fodder sufficient. Maize plots are developed as green fodder.



A farmer with a cow and her new-born calf



Along with cattles, goat are also artificially inseminated to create better breed of goats.



Sorted insemination is carried out for breed development.

# Women Empowerment

Women empowerment is a chain reaction, a small change initiated in one aspect of women's life can improve other aspects eventually. So, the focus of the women empowerment initiative under the Community Development Program is making women financially independent by providing them group based livelihood options. This contributes to household income and better living standards. To achieve this, the village level pre-existing SHGs were identified and strengthened through training and continuous guidance. To support these SHGs a cadre of trained women accountant (lay-accountant) is created at the cluster level.

## QUALITY OF LIFE



Mahila Sammelan emerged as a cross-sectional learning for all of them

CDMI NOTE 8  
RMP QUAD CAMERA



Income Generation Activity Award of Udyogini awarded to the SHG.

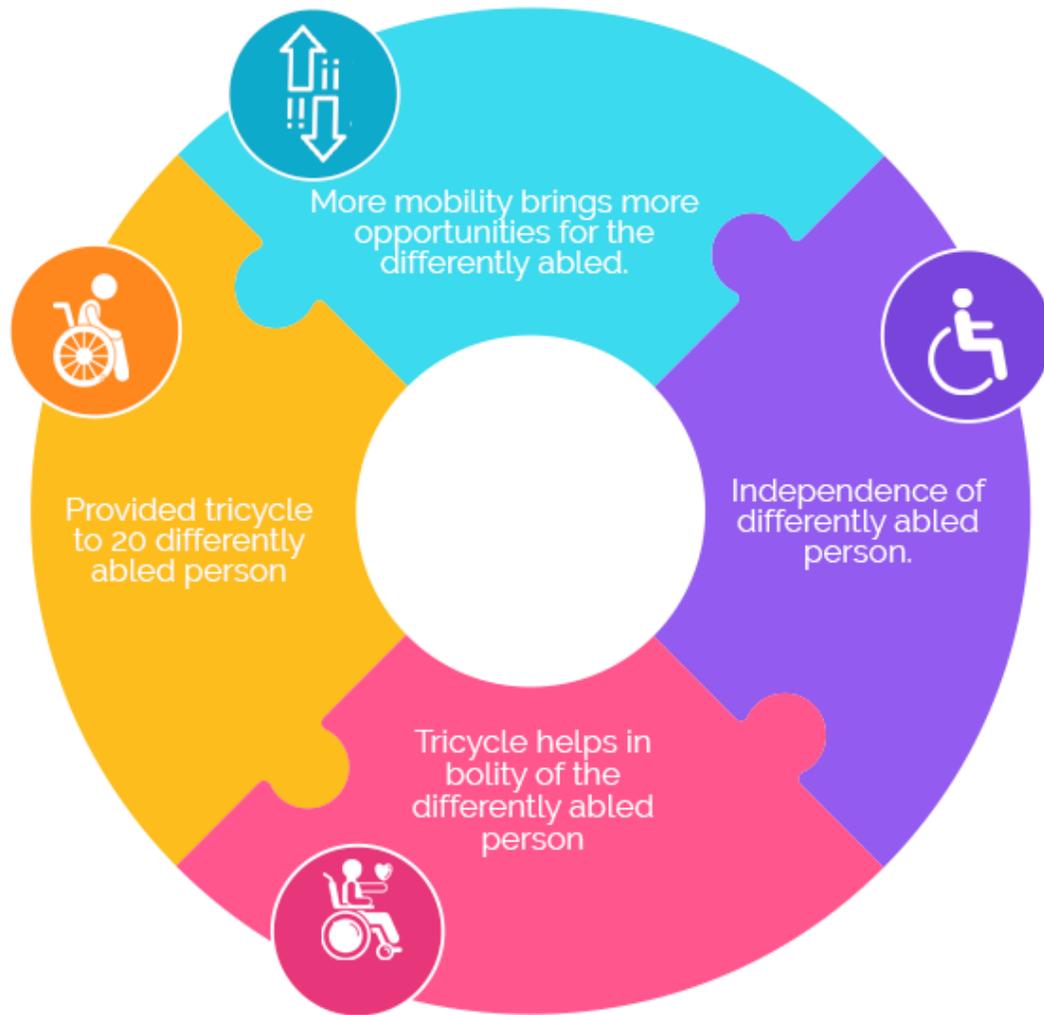
# UTENSIL SHOP BY THE TIRANGA MAHILA BACHAT GAT

Tiranga Mahila Bachat Gat is based in Banpuri village and has 10 members. The group is consistently saving monthly and also has a good system of internal lending. The group had expressed to start an enterprise in the village. MOIL supported the group to start a utensil shop in the village. So as an initial capital, 108 kgs of utensil and a cash amount of Rs. 15000 was provided to the group.

This was an innovative idea and unconventional as well because the village didn't have such a shop and it is a more unusual enterprise a group would opt for. Interestingly, the women from the group who are landless and have no income sources have the responsibility to run the shop daily. Besides, as a contribution from the group, one of the members from the group rented a room to run the shop. Till now the group has earned Rs. 5000.



# ASSISTANCE TO A DIFFERENTLY ABLED PERSON



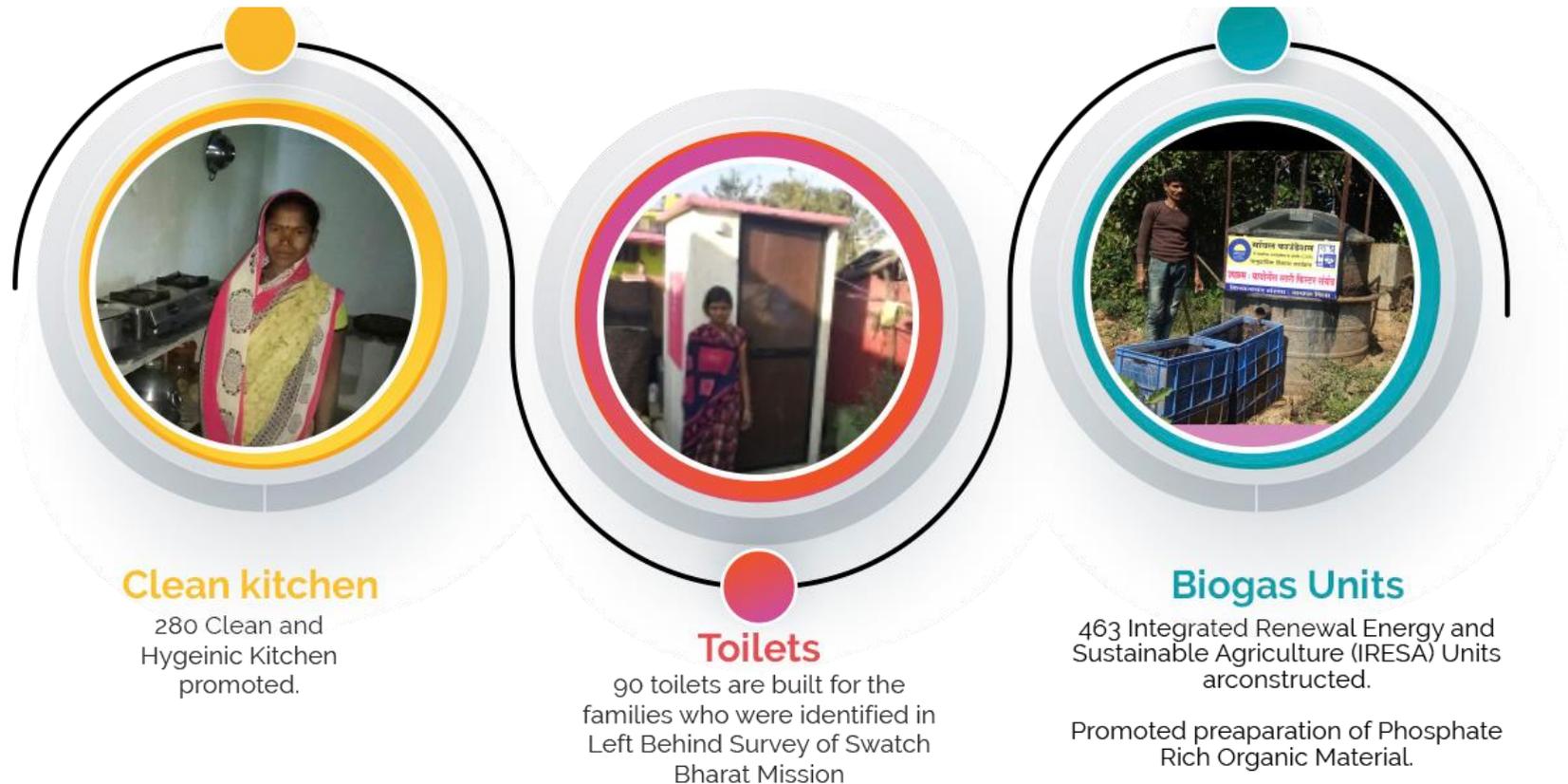
## Differently-abled persons are provided tricycles to improve their mobility

The differently-abled person in India is subject to multiple deprivations and limited opportunities in several dimensions of their lives. Their families and caregivers also go through a lot of stress and challenges. In this context, the Community Development Program helped 20 differently-abled persons by providing tricycles to improve their mobility and be independent. Ultimately this would quality of life for the differently-abled persons.



# COMMUNITY HEALTH

Quality of life can be envisaged with better health of the community. Thus, health is one of the focus areas of the community development program. The program focuses on individual household hygiene and community health. As a part of individual health, it promotes hygiene through clean kitchens and household toilets. The program has augmented toilet construction for households that were identified in the Left Behind Survey of Swachh Bharat Mission. This would lead and justify the term 'open defecation free village'. To impact community health positively, the program has promoted energy efficiency through biogas. It has supported Integrated Renewal Energy and Sustainable Agriculture (IRESA) Units. The slurry filter units are provided to the IRESA units to make slurry cake. These slurry cakes are rich manure for agriculture and used for the preparation of Phosphate Rich Organic Material (PROM).





Clean kitchen is promoted for better health



A woman beneficiary of toilet construction drive by MOIL



Integrated Renewal Energy and Sustainable Agriculture (IRESA)Unit along with slurry unit.



The slurry filter units are provided to the IRESA units to make slurry cake

# Rewards and Recognition



Best Practices in CSR Award to MOIL Community Development Project



Awarded to Community Development Programme sponsored by MOIL Foundation. Awarded By : Institute of Public Enterprise (IPE), Hyderabad in 6th International Conference on CSR at Hyderabad on 31st January 2020

Ms. Sneha Nirmalkar student of Std. IX of DAV MOIL Public School, Sitsaongi brought laurels to school by excelling in International Youth Contest of Social Anti-corruption Advertising - "Together Against Corruption!" Poster Making Competition by securing Third Prize at National Level.



# CSR SPEND IN FINANCIAL YEAR 2019-20

The Board had approved CSR budget of Rs. 12.50 crore for 2019-20. The details of the projects and the expenditure incurred thereof is as given below:

Sr. No.	Project	Amount of Budget Outlay (in Rs Lakhs)	Expenditure April-19 to March-20 (In Rs lakhs)
<b>A</b>	<b>New Schemes (24 Projects)</b>		
1	Education & Skill Development (8 Projects)	1031.72	836.98
2	Infrastructure & Rural Development Project (7 Projects).	158.91	106.25
3	Health Sanitation & Drinking Water, (4 Projects)	181.54	95.43
4	Culture & Sports (4 Projects)	1.96	1.96
5	**Contribution to PM Cares Fund	233.60	233.60
<b>Total (A) 24 Projects</b>		<b>1397.73</b>	<b>1274.22</b>
<b>B</b>	<b>Continuing Projects of 2018-19 taken up in 2019-20, for which expenditure incurred from corpus of MOIL Foundation Rs 5.2 Crore contributed in 2018-19</b>		
1	Education & Skill Development (1 Projects )	100.00	8.23
2	Infrastructure & Rural Development Project (4 Projects).	355.85	311.24
3	Health Sanitation & Drinking Water, (3 Projects)	57.13	57.13
<b>Total (B) 8 Projects</b>		<b>512.98</b>	<b>376.60</b>
<b>Total CSR Expenditure incurred in 32 Projects (A+B)</b>		<b>1910.71</b>	<b>1650.82</b>

\*\*A sum of Rs 300 lakhs was transferred to PM CARES fund, Rs 66.40 lakhs was contributed out of the unspent balance from MOIL Foundation and Rs 233.60 lakhs was contributed by MOIL. Hence, total expenditure in CSR during 2019-20 was Rs 1274.22 Lakhs and cumulative CSR expenditure including expenditure incurred for continuing project & community development programme is Rs 1650.82 lakhs.





**MOIL LIMITED**

MOIL BHAWAN,  
1A, Katol Road, NAGPUR 440 013  
(Maharashtra) (India)

