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From the MD's Desk..

Creating a world with equal opportunities and abundance has long been among the ideals of human kind. In reality however, human weaknesses have created severe imbalances and dichotomies. Throughout the history of mankind, every civilization and society witnessed simultaneous existence of affluence and poverty, abundance and scarcity, health and sickness, scholastic brilliance and illiteracy, empowerment and subjugation.

Great seers of this ancient land envisioned and lived by the ideal of "**Vasudhaiva Kutumbakam**" i.e. "**the whole world is one family**". The once prosperous Nation however was repeatedly attacked, plundered, looted and was brought under foreign dominion with various different ideologies for over several centuries of its ancient history.

After independence however, the resurgent India is once again asserting its aspiration of justice, liberty, equality of opportunity and fraternity as essential characteristics of its National ethos.

Corporate India, apart from fulfilling the economic aspirations of the Nation is also playing its role in socio-economic development of the country.

Transpek-Silox Industry Private Limited, a joint venture business enterprise between Transpek Industry Ltd., India and Silox S.A. Belgium is built on the foundation of responsible corporate citizenship.

Transpek-Silox is actively contributing in the areas of Health, Education, Women Empowerment, Environment and Rural & Community Development. Over the years, we have expanded our CSR activities and footprint.

We realize that at every new level, there is always further room to do better. This realization finds reflection in our tagline "**CSR @ Transpek-Silox- A step towards creating a better world**"

We are happy to present our CSR initiatives undertaken during the Year 2018-19.

Paresh M.Saraiya
Managing Director



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Foreword

Creating a world with opportunities for growth and development is a sacred responsibility of every generation. We at Transpek-Silox look at CSR as an effective tool to create a better world.

CSR initiatives of Transpek-Silox over the years have touched important aspects like Health, Hygiene, Education, Availability of Water and Empowerment through Income Generation Skills. Our goal oriented approach, followed up with impact measurement has made us accountable towards the outcomes. At the same time, deeper engagement and connect of our CSR and HR team members with the beneficiary communities has strengthened the human connect, spirit of collaboration and quality progress.

While doing good work is a reward in itself, recognition and acknowledgements do encourage us. Transpek-Silox won the prestigious Indian Chemical Council (ICC) Award for Social Responsibility for the Year 2018. It indeed is an important milestone in our CSR journey!

As much we are happy to share our work and future plans on CSR with you, we would be happy to receive your feedback, ideas and suggestions to continue doing better.

Rajesh Vaidya
Executive Vice-President-HR



About Us

Transpek-Silox Industry Private Limited (TSIPL) is a joint venture between Transpek Industry Ltd., India and Silox S.A., Belgium. The joint venture draws its legacy from Transpek Industry Limited, India of the Shroff Group Companies, with proven capabilities of developing technology to manufacture import substitutes at the lab scale and translating the same to commercial levels; and Silox S.A., Belgium, which specializes in mineral chemistry and global leadership in Zinc, Phosphate and Sulphur Chemicals. We are headquartered in Vadodara city of Gujarat state with manufacturing sites in Vadodara District and Union Territory of Silvassa. Our products are used as raw materials in Textile, Paint and coating, Rubber and tyre, Polymer and Pharmaceutical, Ceramic and personal care industries.

Transpek-Silox Industry Pvt. Ltd. (TSIPL) embodies the synergy between Indian and International Business cultures that has converged upon to leverage their complementary strengths in manufacturing of inorganic chemicals for a wide range of applications. This Indo-Belgian joint venture between Transpek Industry Limited, India, and Silox, S.A, Belgium features contemporary technology, global presence and strong human capital.

Transpek-Silox Industry Private Limited (TSIL) leverages the qualities and strengths of Transpek Group and Silox Group into a collective vision that incorporates high standards in manufacturing and distribution, harnessing human capital, ethical business practices, contemporary environment, health and safety initiatives and commitment towards corporate social responsibility.

The company has attained a dominant presence in the Indian and Global markets through continual innovation as well as contemporary technology. The company has achieved a definitive edge over competitors and created value for stakeholders, emerging as the largest producer of Sodium Formaldehyde Sulphoxylate (Safolite™) and Zinc Formaldehyde Sulphoxylate (Safolin™) in the world. It is the only producer in the world with capability to manufacture Sodium Hydrosulphite through dual routes i.e. Zinc route and Sodium Formate route. The company is also equipped with an integrated zinc chain through which it manufactures products like Zinc Dust, Zinc Oxide and Zinc Derivates such as Zinc Phosphate, Zinc Carbonate, Zinc Active and Zinc Oxide HSA.

Through unwavering commitment to excellence, TSIPL stands tall as the leader in over 65 countries.

Our Manufacturing Locations:

- Atladara, Vadodara
- Ekalbara, Sub District Padra, Vadodara
- Silvassa, Dadra and Nagar Haveli



Transpek - Silox Way: What makes us different

- Consistent track record of value creation over 18 years
- Elegant value proposition- 'European Quality at Chinese Cost'
- Strategically crafted 'Products- Customer End Use Segments and Geographies Mix'- Hedging of Business Risks
- Responsible and Sustainable Business Operations- Responsible Care (RC) Certification, ISO Certification 9001, 45001, 14001)
- Corporate Social Responsibility (CSR) integral to business- community development interventions around all the manufacturing sites
- Conscious initiatives on improving Green Cover and bio-diversity within and around manufacturing sites

Consistent Efforts On:

- Business Success
- Community Success
- Ecology/Environment Success



CSR Policy and Guiding Principles

CSR Vision:

Growing together is our vision. TSIPL endeavours to be a Responsible Corporate Citizen, by nurturing human values and by demonstrating our commitment to the society where we reside. We believe that the success of any company is measured by how effectively it has made an effort to facilitate inclusive growth by giving back as much as possible to the society within which it exists.

Our CSR Strategy:

- To align our CSR programs with the corporate values of TSIPL
- To undertake such CSR Programs which are in the economic vicinity of our operations, with a view to have a long-term sustainability of such interventions.
- To contribute to sustainable development in areas of preventive health and sanitation, livelihoods and income generation, waste resource management and water conservation for the host community
- To encourage the development of Human Capital by providing vocational training, promoting education amongst children, youth and women through development of new educational tools
- To have collaborative partnerships with the Government, district authorities, village panchayat, NGOs and other like-minded stakeholders
- To sustain & continuously improve standards of environment by maintaining quality of soil, water & air
- To promote & encourage socio-cultural values of the community by preservation and development of their heritage, art & culture

Need Identification Methods:

- Surveys
- Inputs from Government Data/Agencies/Departments and Institutes
- Need Assessment by Educational Institutes
- Feedback received from the stakeholders, beneficiaries, etc.

Monitoring and Evaluation of CSR Projects:

- Monitoring by CSR Committee
- Measuring the impact in terms of beneficiaries covered and objectives served
- Monitoring the utilization of funds quarterly and annually
- Quarterly review of CSR activities at the Top Management Level
- Conducting Surveys
- Feedback from beneficiaries
- Recording response from stakeholders & media



Management Commitment and CSR Committee

The Board of Directors, Management and all our Employees share the philosophy of inclusive growth and care. TS IPL stands committed to the social and economic development of the communities where we reside in.

The board has appointed a CSR Committee as follows, which monitors the project progress and financial spending:

Mr. Paresh M. Saralya	Chairman of the Committee and Managing Director
Mr. Antonio Di Nallo	Director
Mr. Philippe Renier	Director
Mr. L. Rajagopalan	Director

CSR Philosophy

Transpek-Silox Industry Private Limited is built on the foundation of ‘Responsible Corporate Citizenship’.

Every aspect of business i.e. Manufacturing, Supply Chain, Manufacturing Process, Environment, Health & Safety, In and Out bound Distribution, Product Stewardship, Product Life Cycle Management, Customers Relations and Community Relations is guided by the ideal of ‘Being a Responsible Corporate Citizen’.

This simple principle gives us a wider perspective of ‘Success’. We measure Success in the areas of:

- Business
- Community
- Ecology & Environment

We believe that the communities wherein we operate provide us with necessary inputs and resources. As the nature of ‘Community-Industry’ is symbiotic, it is incumbent upon us to contribute towards the betterment of the communities. Besides, if a vast, populous and complex country like India has to realize its dream of being a developed nation, then more and more sections of the society have to contribute towards its development.

Our CSR activities act as effective means towards societal development and eventually Nation building mission.

A Step Towards Creating a Better World

We live in an imperfect world having myriads of problems and challenges. However, we can always choose to be part of solution.

Sheer scale, size and spectrum of problems that Indian societies need to address are overwhelming. Well-meaning and well thought through initiatives however small they may be, have the power to trigger a multiplier effect in creating positive possibilities.




Rabindranath Tagore wrote:

*"Ke laibe mor karjo , kahe Sandhya rabi-
Suniya jagat rahe niruttar chobi.
Matir pradiip chilo; se kohilo swami,
Amar je tuku sadhya koribo ta ami"*

— Rabindranath Tagore

[The setting sun when asked that who will enlighten the world at his absence, the whole world remained awestruck and silent; There was a small earthen lamp, which said that, O Lord, whatever little I can, I will do.]



Helen Keller said, "I am only one, but still I am one; I cannot do everything, but still I can do something; and just because I cannot do everything, I will not refuse to do the something that I can do."

Our idea of a better world is a world with equal opportunities in terms of access to quality Education, Health, Hygiene & Sanitation, enhance one’s standard of living through skills and their application, Harmony with Environment and sustainable progress.

Over the years, our CSR initiatives have progressively evolved both in terms of number of lives that we touch, and also the quality of difference that we could make to them.

We have experienced stronger bonding and building of trust between the communities and Transpek-Silox.

We have experienced the transformational impact of the CSR initiatives that may last through generations.

And that’s what CSR is to us- **A step towards creating a better world.**

CSR Focus Areas

We have six broad intervention categories, namely:



We carry out our CSR initiatives in the vicinity of our manufacturing sites.

This approach encourages us to closely understand the nearby communities in terms of socio-cultural practices, customs, things that are working, challenges, needs, opportunities and areas wherein we can make a positive difference. It also makes us accountable in terms of effectiveness and impact of our CSR interventions.

CSR Approach

As an approach from geographical space perspective, we take a narrow geography and cover important facets of the life of the surrounding communities. We describe it as :“**Narrow Geography- Holistic Work**”. Over the years, we have realized that the aspects of health, hygiene, education, and social infrastructure are interlinked. They influence each other.

CSR - Interventions Planning Methodology

Our methodology of CSR Interventions involve following stages:

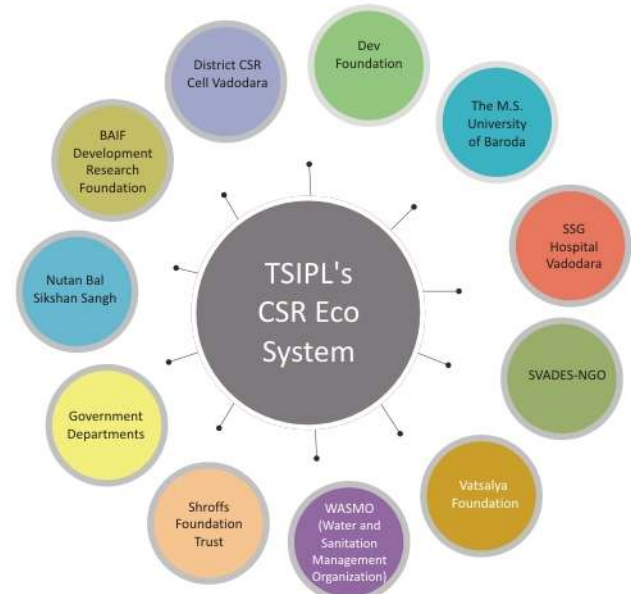
- **Data Gathering:** We attach lot of importance to this stage. We gather information through structured surveys, government Health Centres, informal interactions with people representing various cross sections of the communities, ground level workers and volunteers like ASHA (Accredited Social Health Activists), government departments and media. Data points are on gender, age demographics, educational qualification, health parameters, social infrastructure like education, water, sanitation, healthcare among others.
- **Need Assessment:** Basis the data studies and interpretation, we identify needs in terms of broad statements. At this stage, we also validate the needs from the community members who would be the potential stakeholders and beneficiaries.
- **Formulation of Goals on one to three years' horizon:** Basis needs assessment, i.e. decide upon goals over one to three years' of horizon.
- **Annual CSR Plan:** We present annual CSR plans to the CSR Committee for their review, guidance and approval. In the said meeting, we also share Success, Failures, Status, Learning and Future Plans of CSR projects that are already underway.
- **Sharing and Soliciting Participation from the Stakeholders:** We have consciously positioned ourselves as 'Collaborators'. We encourage intended stakeholders to 'own up' the primary responsibility of their own development. Transpek-Silox plays the facilitative and collaborative role. At this stage, we also involve subject matter experts who could be individuals, NGOs, Government Departments, Academic Institutions etc. Depending upon the size and scale of the project, a ceremonial function is organized wherein we make public announcement of the intended outcomes. This builds a positive accountability on us and other volunteers/stakeholders involved in the project.
- **Implementation:** During the implementation stage, our CSR and local HR team members actively work on ground and keep sharing on-ground implementation progress.
- **Mid-Course Assessment Reviews:** At this stage, we take formal review of the implementation progress and make changes in terms of strategies if needed.
- **Completion:** Completion of a project is formally announced. We typically organize a function or event which is a celebration of collective achievement and progress.
- **Impact Assessment:** We conduct impact assessment studies through a third party which serves as a useful document for formalizing the learning arising out of the projects.



CSR - Interventions Implementation Model

Our CSR Implementation Model is based on forming “Collaborative Synergies”. We actively partner with local governing bodies like Municipal Authorities, Village Panchayats, Government Departments at State and Central levels, like minded NGOs, Academic Institutions and of course with various segments of the communities and intended beneficiaries.

This is our CSR Ecosystem which consists of various Government and Quasi Government Bodies, NGOs, Academic Institution and participant communities. Together we create greater synergies. We find inspiration from the ancient Vedic verse, “**Sahaviryam Karava Vahe**” i.e. “**May we work together with energy and vigour**”.



Collaboration For Impact !!!

Our Commitments

- Anaemia free Ekalbara by 2022
- Open defecation free Ekalbara and women's right to dignity by 2020
- Skill oriented training opportunities for youth
- Water availability on all the days at Ekalbara villages by the year 2020
- Improve quality of education in Ekalbara schools by 25% (as under ASER survey) by the year 2020
- Continuous education and infrastructure support in schools and anganwadis for better education system, and reduction in school dropouts/absenteeism



CSR Projects: Canvass and Context

Project	Beneficiaries
Health, Hygiene and Sanitation	
Swastha Vatsalya Yojana	310
Health & Nutrition Development Project	2,300
Sukhadi Daan Yojana	450/ month
Mega Medical Camps	3,200
Saksham: Speciality Camp for Differently abled	216
Medical Camps: Drashti	1200
Construction of Household Sanitary Latrines (HSL) and Household Bathrooms (HB)	304
First Aid Training Programs	800
Education	
School Enrolment Function	7,037
Aadarsh Vidyarthi Project	150
Computer Literacy	320
Promotion of Girl Child Education	80
Infrastructure Support for Schools	1,450
Project Udaan: Education Scholarship	60
"Bachpan" : Summer Camp	300
Environmental Sustainability	
Tree Plantation Drives	20,000
Women Empowerment	
Project Sakhi	600
Project Prerna	150
Supporting Weaker Sections of the Society	
Support to Child Care and Women Care Institute	150
Rural and Community Development	
Project Jal Siddhi	5000
Project Urja	800
Project Nirmal Agni	100
Income Generation Initiatives	100
Community Engagement Projects	10,000

Health, Hygiene and Sanitation



Mega Medical Camps

Healthcare facility has been a challenge at villages of Ekalbara and Silvassa. The people were ignorant about the health issues and there was no healthcare facility available near the villages. Hence, there was a need of providing medical care facilities near to the homes of the community people.

We began with organizing General Medical Camps for the community people in the Y2010. The doctors visited each village to conduct health check-up of the people. Also, the patients were provided with free of cost medicines. Such camps were organized every month in each village till Y 2015.

After organizing many such General Medical Camps, we realized that we were still not able to reach out to many needy people, especially the senior citizens and the disabled because of their inability to commute. Moreover it was identified that there were many diseases which were not addressed during the general camps and required specialists from various medical disciplines.

Hence we began with organizing "Mega Medical Camps" or "Health Melas" in the villages.

Such camps have unique features:

- Mega Medical Camps are organized in association with multi specialty hospitals and doctors from various disciplines such as Gynecologist, Pediatrics, Orthopedic, Dermatology, Ophthalmologist, General Physician, including Para-medical staff.
- Special arrangement of vehicles (chakda) is made to pick and drop the beneficiaries from their home to the camp venue.
- Stretcher and wheelchairs are made available for senior citizens and disabled.
- Medicines and primary assessments are provided free of cost to all the beneficiaries.

Theme based Awareness Campaigns: Before each Mega Medical Camp, theme based awareness campaigns are organized to create awareness on various health issues such as: Awareness campaign on waterborne diseases, hand wash campaign, etc.

This project has benefitted approx. #2700 beneficiaries of Ekalbara and Silvassa.

Project Saksham – Enabling Differently Abled People to Walk with Pride:

"When we promote rights and dignity of persons with disability, we are empowering individuals, strengthening economic security and enriching society at large".- Juan Somavia, International Labour Organization (ILO)

Disability restricts the opportunities for leading functionally productive lives.

With the advent of modern technology, there have emerged a number of aids, which can mitigate the effects of disabilities and enhance the economic potential of the disabled. The aids such as a wheel chair, tricycle, blind stick, etc. can greatly improve the mobility of physically disabled individual. Similarly, with the help of a powerful hearing aid, persons with some residual hearing can be helped to carry on many activities of daily living.

However, a large number of disabled persons are deprived of the benefits of these appliances because of their inability to find funds to purchase them.

It was observed that due to lack of medical equipment and impairment tools, the movement of differently abled children and senior citizens were restricted and confined to their homes.

In order to build the confidence and develop mental and physical capabilities of the differently abled people, "Saksham" - speciality camp was organized in the month of April 2018 at Primary Health Centre, Muijpur to help People with Disabilities (PWDs). Various impairment tools like wheelchair, tricycle, walker, hearing aid, blind stick, MR Kit, etc. were provided to the beneficiaries of Ekalbara and nearby clusters. Moreover, 7 Haemoglobin Testing Meters were handed over to Primary Health Centre, Muijpur for the regular check up of pregnant women.

It is heartening to note that the project found a good response and we could cater to the needs of 216 beneficiaries. Way forward, we are planning similar camps to assist the differently abled people with the necessary devices.

Sr No	Details of Impairment Tools/Special Kits	Beneficiaries
1.	Wheelchairs	6
2.	Walker	5
3.	Tricycle	9
4.	Food Kit to TB Patients	5
5.	Motor and Mind Development Kit for Mentally Challenged Children	38
6.	Support Sticks for Senior Citizens	50
7.	Blind Stick for Visually Impaired Individuals	3
8.	Hearing Aid	3
9.	7 HB Testing Meter with HB Testing Strips	97
	Total	216



"I had knee joint pain. I faced problems in moving from one place to the other or doing any kind of work on my own. But due to the Tricycle provided by Transpek – Silox at the Saksham camp, I am able to move outside my home easily. I recently visited my daughter's home by using the tricycle. I am thankful to Transpek-Silox for providing necessary Impairment tools to the needy people like me, which has ended our daily struggle."

Mohanbhai, Ekalbara Village



Combating Anaemia

Swastha Vatsalya Yojana

Swastha Vatsalya Yojana (S.V.Y.) is a significant initiative by Government of Gujarat. The objective of the project is to reduce IMR (Infant Mortality Rate) and MMR (Maternal Mortality Rate) in Vadodara District. The beneficiaries of the project are high risk pregnant women.

As part of the intervention to reduce IMR & MMR, following two interventions were planned;

- Providing optimal services for antenatal, intra-natal and post - natal care (promote safe and institutional delivery)
- Providing nutritional support to malnourished high-risk pregnant women

TSIPL's Role

- TSIPL partnered and supported Swastha Vatsalya Yojana under the guidance of District CSR Cell by sponsoring nutritious food supplement for identified beneficiaries of the project. The Nutrition supplement is developed by Department of Food & Nutrition in the form of Nutritious Biscuits.
- Each biscuit contained ingredients like wheat flour, milk, pearl millet (Bajara), sugar, black til, iodine salt, ghee, nuts, etc. Each biscuit contains 504 Calories, 9 Grams Protein, 24.2 Grams Fat, 176.2 MG Calcium and 8 MG Iron.
- TSIPL sponsored above mentioned nutritious biscuits for 125 women during Y 2015-16 and 185 women during Y2016-17.
- The beneficiaries were provided with a nutrition supply for a week. In each box there are #07 packets of biscuits, one packet a day. Each packet contains #06 nos. of biscuits. Each Beneficiary consumed one packet i.e. 06 biscuits in a day. The beneficiaries of the project were supported for time period of 15 months which includes the period of pregnancy and six months post delivery.
- The health progress of the women was meticulously monitored by ASHABENS, i.e. Accredited Social Health Activists. During the three years of this project, there was zero i.e. no mortality of either infant or mother amongst the 310 High Risk Pregnant women; there was an average increase in the weight of these women by 6.5 kgs and 95% of the beneficiaries delivered a healthy child.
- This was a great example of collaboration between Government, Administration, Academia, NGOs and a Private Enterprise like us.

Project Janani Janeta

Swastha Vatsalya Yojana continued till the Year 2017.

We however were quite convinced about the need and difference that can be made for the mother and infant.

In 2018-19, we launched **"Project Janani Janeta"** in association with Primary Health Centre, Mulpur. The objectives continued to be healthy mother-child by overcoming anaemia and health improvement especially in 'High-Risk Pregnant Women' category.

Under this project, Iron Sucrose and HB tonics were provided to High Risk Pregnant Women of Ekalbara and Mulpur cluster.

Moreover, various art forms like bhavai were organized to spread awareness regarding **"healthy eating habits/pregnancy care"**.

This has helped in reducing anaemia amongst 63% of the pregnant women. (125 pregnant women out of 198 in Ekalbara and nearby villages). There were no cases of maternal or infant mortality amongst the women covered under the project

Various other projects and activities were conducted to fight anaemia amongst children, adolescent girls and community women, such as:

- Sukhadi Daan Yojana
- Health and Nutrition Development Project

Sukhadi Daan Yojana

With an aim to improve health and nutritional parameters of the pre-school children, 15 Aanganwadies have been adopted -10 at Atladara and 5 at Ekalbara under Sukhadi Daan Yojana. Nutritious snacks such as boiled channa, seasonal fruits, sprouts, sukhadi, etc is distributed once in a week amongst the children of 15 Aanganwadis. Also Milk powder is being provided once in 20 days.

Health and Nutrition Development Project

Under this Project, we aim to reduce anaemia and improve nutritional level amongst school children, pregnant women, adolescent girls, mothers and infants. Various health awareness programs are organized to sensitize the community regarding anaemia and proper dietary habits. Iron Folic & Vitamin B-Complex tablets are distributed in consultation with doctors. We further adopted Healthy Infant and Young Child Feeding (IYCF) practices and reduced superstitions amongst community women.



Construction of Household Sanitary Latrines and Household Bathroom Blocks – Moving towards Open Defecation Free Ekalbara

Addressing the Sanitation crisis in India has been a national priority for the Indian government. In 2014, the Government of India (GoI) launched Swachh Bharat Abhiyaan (SBA), a nationwide program with an ambitious goal to end Open Defecation in the country by 2019

We at Transpek-Silox are consciously aligned with Government's Swachh Bharat Mission. With an aim to make Ekalbara Open Defecation Free (ODF), we collaborated with Shroffs Foundation Trust in the Y 2015-16 to build Household Sanitary Latrines (HSL). Also, 100% utilization of the HSL were ensured through different awareness programs like sanitation rallies, role plays, etc. with school children, women and other community people. This has helped in making Ekalbara nearly Open Defecation Free. Only 2% (30 households) are left without sanitation facility. By March 2020, we are aiming to help Ekalbara achieve ODF status.

This initiative not only takes care of the cleanliness and hygiene aspect but also affords a life with dignity to people of the community, especially to women folks by building Household Bathrooms (HB).

We have completed the construction of 225 Toilets (HSL) and 86 Bathroom blocks (HB) till date; out of which 36 HSL and 68 HB were built in the Y 2018-19.

Year	Household Sanitary Latrines (HSL)	Household Bathrooms (HB)	Total
2015-16	52	-	52
2016-17	103	-	103
2017-18	34	18	52
2018-19	36	68	104
Total	225	86	311



"My eyesight was very weak. Once, I had fallen into a pit and was injured. After getting spectacles from TSIPL, I am now able to see properly and doing my work on my own."

Amratben, Ekalbara

Other Projects and activities conducted under the Health domain through the year are as under:

Project Drashti

Conducted Eye check up camps and identified people with weak eyesight. Further, provided free of cost spectacles to about #1500 community people with weak eyesight.

Female Cancer Awareness Program

With the increasing incidence of cancer cases in women, there is a pressing need to raise awareness about early cancer detection at grass-roots level. Hence, a cancer awareness program was organized at Mota Ekalbara primarily focusing on female cancer (breast and cervical) in association with Health Care Global (HCG). Specialized doctor from HCG delivered an awareness talk about women wellness, cancer, its causes, significance of early cancer-detection, self-examination of breast cancer, preventive care for cancer, etc.

First Aid Training Program

Installed First Aid Boxes in all 5 schools of Ekalbara and provided the school children with first aid training. More than 800 children and teachers were covered under these trainings.



Education



Education

- "Tamaso Maa Jyotirgamaya" is the Sanskrit chant that means "**Lead us from darkness to light**".
- Education is akin to light, showing us how to build our future and pursue our goals.
- Recognizing the importance of education, we endeavour to spread the light by undertaking various projects in the area of Education
- Under the Education domain, TSIPL participates in various Government Programmes & Schemes, help organize various educational activities and events in schools, provides infrastructure support and help improve educational standards through various activities.
- For the successful implementation of the Education projects, Transpek-Silox through its empirical research and structured surveys observed various education needs in the surrounding locations of manufacturing units i.e. at Atladra, Ekalbara and Silvassa.

The needs identified were as follows

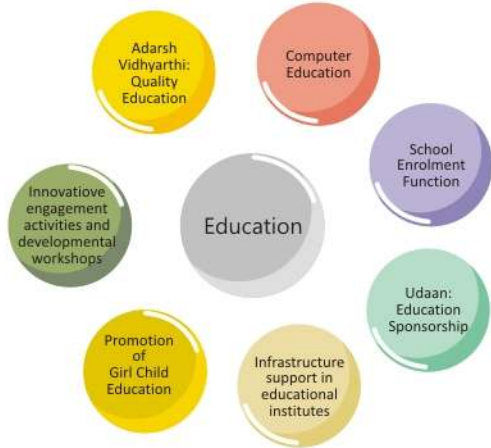
- Irregularity of children leading to poor attendance.
- High ratio of School Dropouts especially after class 10th.
- 54% of school children were found to be below the desired level of education on the basic educational parameters
- Traditional methods of education.
- Low motivation level and encouragement to attend school
- Lack of basic education facilities and amenities
- Poor Student-Teacher ratio (PTR)
- Absenteeism amongst children due to illness, infections and anaemia
- Lack of awareness regarding menstrual hygiene amongst the adolescent girls

On the basis of the above observations and need assessment, Transpek-Silox decided to carry out interventions with the following objectives:

- Reducing school dropouts and absenteeism by 30%
- Improving the Quality of Education in Ekalbara Schools by 25% (as under ASER Survey) by the year 2020
- Providing continuous education and infrastructure support in schools and Anganwadis for better education systems and reduction in school dropouts/ Absenteeism
- Encouraging school children to pursue higher education through education sponsorship program
- Introducing innovative engagement and developmental workshops to increase the morale and help in holistic development of the children
- Introducing Computer Education classes to provide opportunities of growth to children
- Health and Medical care facility to provide aid in physical wellbeing



The following projects have been implemented considering the holistic development of children:



Aadarsh Vidhyarthi : Special Education Classes

- Quality education is one of the focus areas of education, which aims towards shaping life and better future of Children. Hence with an aim to impart quality education at Ekalbara, we have initiated the project “Aadarsh Vidhyarthi” - Special Education Classes in collaboration with Nutan Bal Sikshan Sangh. Slow learners and children below the desired educational level are the major target group of this project. Prime focus of these classes is to develop linguistic skills (reading and writing), mathematical skills, gross & fine motor skills and analytical skills of the children
- Pre-Post data is collected annually to measure the impact of the classes through ASER Survey (Annual Survey of Education Report)
- These classes are conducted four days a week for two hours before the school starts wherein focused and personal attention is provided to each child. Innovative methods are introduced to teach the students.
- The project was initiated at Hynapura primary school in the Y2017-18 and has continued in the Y2018-19 at Nana Ekalbara Primary School and Hynapura Anganwadi.
- This project has helped to increase the level of education amongst 32% of the school children with the help of classes, activities & workshops
- Moreover, it has helped in reducing the absenteeism by a spectacular 98% amongst the targeted children



Manisha, student of Class 10th said,
“I am very happy that I received this bicycle. I can now easily commute to my school. My parents are more than happy that I scored good marks in board exams and now they are sending me for higher studies. Thanks to TSIPL for felicitating me and my parents.”

Father of one of the girls who was felicitated quoted, “I am really proud of my daughter. I allowed her to pursue studies against my elder brother’s wish, but today she made us proud in front of the entire village.”

Project Udaan – Adding wings to the dreams of children

- With the aim to support higher education, reduce school dropouts and thereby encourage the children to study and keep their ambitions high, Udaan - an Educational Support Scholarship Program has been introduced. The objective of this project is to recognize, promote and financially assist the meritorious students belonging to economically weaker sections, so that they are able to complete higher education.
- In 2018-19, we supported 8 students of Ekalbara for pursuing their higher education post 10th standard by sponsoring 50% of their total school/college fees.

Project Pragati - Promoting Girl Child Education

We believe that a girl holds a special importance in our society. She is the future mother. A pillar of strength to her family and shares very special responsibility of bringing up new generation with right set of values and capabilities.

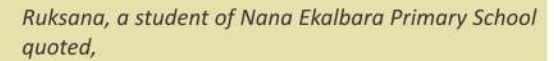
In rural India, girls are still not encouraged to pursue higher education, which results into a large number of girl dropouts

Hence with an aim to reduce the girl dropouts, encourage girl child education and provide recognition to the girls for their hard work and dedication we organize girl child felicitation program – “Pragati” every year to encourage the girls who have completed their 10th Board Exams. We felicitate them with bicycles and/or Educational kits for facilitating their further education. We also felicitate the parents of these girls to spread a message amongst the society to let the girls pursue higher education for bright future.

The girl child dropout ratio has decreased by 17% in the Y 2018 as compared to the Y 2017



It's heartening to see that there is a gradual increase in the enrolment rates every year.



"Earlier I was not aware about how to even switch on the computer. Thanks to my computer teacher, who taught us all the basics of computers, ranging from the theoretical knowledge to all the practical aspects. I am now able to work on computer and use MS Office, Paint, etc."

With globalization, it has become necessary to acquire basic IT knowledge and operational skills. Though it has become a part of the education system, it is yet not accessible and affordable to most of the government school kids. Looking at these needs, Transpek-Silox introduced the Computer Education Program at Nana Ekalbara Primary School. A computer teacher has been appointed to teach the basic computer skills to the school children. These classes are conducted 5 days a week.

A week long summer camp is organized every year in collaboration with Nutan Bal Sikhshn Sangh for children at Hynapura Primary School. The objective behind this camp is the holistic development of the children. The summer camp includes theme based activities like creative art sessions, poetry and storytelling sessions, educational team games, analytical fun games, tree plantation, etc. #90 school children were covered in the summer camp conducted in the Y2018-19

To provide, a child - friendly learning environment, infrastructure support has been provided at various schools and anganwadis of Ekalbara, Atladara and Silvassa. This includes playground equipments, LED TV, Shoe and Dish Racks, computers, etc. Also, renovation of school building, construction of toilet blocks, construction of mid-day meal dining hall, multi-purpose assembly hall and roof-shade were undertaken to provide healthy, safe and secure environment to the children.



Environmental Sustainability



“The air we breathe and our rivers and oceans don’t recognize local, national or even continental boundaries – so we must all take care of them for each other.”

In order to promote Environmental Sustainability, we conduct tree plantation drives every year in the community by involving the villagers and local leaders to participate in them. In last three years, we have planted over twenty thousand trees in our local communities.

We also involve school children in plantation drives and regularly conduct Environmental Appreciation and Bio-Diversity workshops for them to create a far more aware and environmentally sensitive future generation.



Women Empowerment



"Last year I participated in Transpek- Silox's Occupational workshop sessions of Jewellery making and recently after getting married, I have moved to Vadodara city. I always wanted to do something productive in life and with the help of such occupational workshops, I got job opportunity to work with a creative agency 'Chhapo Re'."

I am thankful to Transpek – Silox for providing such training programmes which has motivated me to do something in my life, instead of just doing household chores. I am very happy by doing this creative job as my work is highly appreciated by my family members."

Naina Padhiyar, Ekalbara

Project Perna - Moving Towards Self - Independence

- Development begins with Self-Belief and Confidence in oneself. With this objective in mind, Project Perna was undertaken to develop and enhance the skills of community women through which they can move towards the path of income generation and become independent.
- Various workshops were organized such as sewing classes, jewellery making, detergent making, diya and candle making, cotton wick making, lemon squash, rakhi making, chocolate making, etc. to develop the skills of the women.
- In the Y2018, we organized a month long sewing class at Ekalbara village. This workshop has helped 6 women of Ekalbara earn a monthly income of Approx. INR 7000/- per month.

Project Sakhi

The social and cultural connotation over the years on menstruation has restricted women and especially adolescent girls' mobility in society. The universal perception on menstruation being posed as an embarrassment issue has pushed women to adopt practices that are unhygienic and unhealthy posing threats to their lives.

Hence Transpek-Silox, through its CSR initiative "Sakhi" aims to disseminate knowledge directly to the community, commencing from basic issues and nuances surrounding menstruation.



Project Implementation:

The project was implemented at Ekalbara village where 600 women and girls were given knowledge and awareness on the key issues related to menstruation. Moreover, free of cost sanitary napkins are also distributed on a regular basis amongst the community women and girls.

The key issues addressed during the awareness camps were as follows:

Menstruation

What, why and how - key causes and its effect on the body.

Menstruation Myths

Interacting with the community on diverse myths, taboos being practiced during menstrual cycle and then disseminating knowledge towards denouncing these superstitions leading to unsafe practices.

Menstruation Management

Key methods, manners utilized during the menstrual cycle.

Menstruation Hygiene

Generating awareness on the basic safe sanitary practices, safe disposal mechanisms and maintaining daily cleanliness for promoting well being.

Menstruation Challenges

Addressing the queries of the women, especially the adolescent girls, on their first menarche, advising mothers on how to counsel their young girls on issues related to menstruation.



Supporting Weaker Sections of the Society



Transforming the Lives of the Inmates at Nari Sanrakshan Gruh and Shishu Gruh

Women Care Institute - Nari Sanrakshan Gruh and Child Care Institute - Shishu Gruh situated in Nizampura, Vadodara have been adopted by Transpek - Silox Industry Pvt. Ltd. under the guidance and support of District CSR Cell (District Collector's office, Vadodara) in the year 2015.

Nari Sanrakshan Gruh (State Home for Women) is the home for the women and girls who are destitute; orphan or homeless; abandoned by the family due to severe physical (HIV, mute and deaf, Burns) and mental disability (schizophrenia, mental retardation, severe depression); in conflict with law; have gone through sexual assault, rape, or domestic violence.

Shishu Gruh is home for orphaned, missing and homeless children of age between 0-6 years.

With an aim to provide care and protection, transform lives of the women and children residing at Nari Gruh and Shishu Gruh, we framed our objectives and focus areas of intervention for the project. The 5 focus areas of the project are as follows:

Basic Infrastructure Development

To provide a safe and secure environment, proper infrastructure of the institutes was developed and the repairs/maintenance work was carried out.

Health & Medical Care

Medical check-ups are held periodically and the nutrition supplements are provided as per the requirement.

Psychological Health And Care

Interventions are carried out to heal the psychological and emotional scars of the inmates and to instil them with a better sense of self in their continued stay in the home

Education and skill development

The inmates are equipped with tools that can help them take better decisions, enhance problem solving skill, skillfully cope with future stress.

Motivation and Skill Development of Staff

Different activities and sessions are carried out with the staff members to motivate and develop their skills



Project Implementation

Phase I

Infrastructure Development of the institutes for providing safe and secure environment

Phase II

- Appointment of Counsellor for Narigruh to address the psychological health and care needs
- Initiated Garden Maintenance work

Phase III

- Medical assessments of the residents at Narigruh
- Providing the needed nutritional supplies, play and educational materials
- Festivals and events celebration for engagement of the residents

Phase IV

- Developing Kitchen garden at Narigruh and initiating farming by Narigruh members
- Appointment of Yoga Teacher at Narigruh
- Conducting Sessions for Motivation and Skill Development of Staff.

CASE STUDY

Counsellor's Intervention at Narigruh – Bringing Meaning and Hope back to life

Nari Sanrakshan Gruh (The State Home for women) in Vadodara has a floating population of about 24-30 women at any given point and time. The age of this group varies from 18 to 60 years. These women come from diverse backgrounds such as broken families, rape victims, mentally disturbed, in conflict with law and many others. These women go through issues of emotional instability, feeling of loneliness and despair, anger issues, hyper-tension and stress leading to many physical issues.

The purpose of this intervention is to fill these women with nuggets of positivity and hope. In their continued stay in the home and when they go back in to the world, the idea is to instil them with a better sense of self and resilience.

Objectives

- Create a safe and non-judgmental space within the home where women feel safe and their relationship with each other is positively constructive.
- Enhance communication and self-expression.
- Rejuvenate mind and body by releasing stress and trauma and restructure self-defeating pattern of thoughts.
- Equip them with tools, methods and mechanisms that can help them take better decisions, enhance problem solving skill and cope with stress and trauma in the future.

PHASE I

Target group

Children (age group 7-13 Years)

Needs identified pre-intervention

Lack of Hygiene, self-care/discipline, safe environment, basic education and recreational space

Phase I Intervention: Hygiene

- Self-Hygiene: Teaching them basic self-care like how to bath, brush, wash hands before eating, clean and comb hair.
- Hygiene of the physical environment: Cleaning of bed, shelves, footwear, clothes, plates and the surrounding
- Educational Intervention: Teaching them basics through play method such as basic calculations, directions, shapes, colours, size, body parts, calendar etc.

Psychological Intervention

- Group Counselling
- Art based therapy using clay, visual arts, music, movement, storytelling, theatre
- Hypnotherapy

Alternative therapy

Farming, sports and other recreational activities

Post intervention Impact:

- Better Hygiene
- Better emotional health
- Better cohesiveness in the group and among other inmates

PHASE II

Target group

Elder women (age group above 30-60 Years)

Needs identified pre-intervention

- Hygiene
- A safe and non-judgemental space for being, expression and communication
- Therapy for healing the psychological and emotional scars
- More physical engagement

Phase II Intervention: Psychological Intervention

- Rapport building
- Case history
- Counselling
- Art based therapy using clay, visual arts, music, movement

Alternative therapy

Yoga, farming, sports, zumba and other recreational activities

Post- Intervention Impact:

- Better expression of self
- Enhanced communication
- Enhanced participation in physical activities
- Stigma of being a 'liability' / 'mentally ill' was blurred

Phase III

Target group

Adolescents and Adults (age group 16-29 Years)

Needs identified pre-intervention

- Channelizing of their energy constructively
- A safe and non-judgemental space for being, expression and communication
- Individual and group processes for cognitive enhancement
- Vocational training
- Recreational space

Phase III Interventions

Psychological Intervention

- Rapport building
- Case history
- Individual and group Counselling
- Art based therapy using clay, visual arts, music, movement, storytelling, theatre
- Hypnotherapy

Alternative therapy

Yoga, farming, sports and Craft activities

Post intervention Impact:

- Better resilience and coping with stressors
- Enhancement in physical and mental health
- The self-harming behaviours and suicidal tendencies went low
- Group cohesiveness increased which enhanced more group work



Rural and Community Development



Project Jal Siddhi – Ensuring Access to Safe Drinking Water

Water has been long established as the basis of all life on earth. For a country with a population as large as India's and one that is developing, the stress on natural resources is inevitable. One of the biggest challenges that India faces today is the shortage of fresh water that is safe for personal consumption as well as farming. As per a World Bank estimate, 21% of communicable diseases in India are linked to unsafe water and the lack of hygiene practices.

As part of our needs assessment exercise at Ekalbara village, it was realized that the village receives water only twice a week, there was no separate drinking water facility and the TDS of the water was high (350 ppm) causing many skin diseases and other illness.

Therefore, with an aim to end the daily struggle of water shortage and to ensure availability of safe and clean drinking water, we introduced the project "Jal Siddhi". Under this project, a water storage tank with 4 Lakh Ltrs capacity and filtration facility was established at Ekalbara Village. Also, Pipelines and separate stand posts were installed for providing safe drinking water facility to the village.

As a result, Ekalbara receives safe drinking water on every alternate day and domestic water on all 7 days. The TDS of the water has also reduced to 266 from 350

Project Urja - Illuminating the Lives of Villagers

Due to lack of street lights, the community people of Ekalbara village were reluctant to move out at night. With an aim to solve this, Transpek-Silox has installed 52 Solar Street Lights and 100 conventional street lights in the village.

In total 152 street lights including solar powered lights are installed in the village which has not only improved the security arrangement and commutation of the public at night but also has contributed a lot towards clean energy initiatives.

Community Engagement Programs:

- At Transpek-Silox, we are committed to bring people together and add more happiness to lives.
- In order to engage the community in a better way, we celebrate different festivals and events like Rakshabandhan, Ganesh Chaturthi, Navratri, Gauri Vrat, Diwali, Christmas, Birthdays, Teacher's Day, etc. and also organize activities such as "Ganesh Idol Making workshop", "Healthy Recipe Competition", "Housekeeping Competition", "Bhajan Competition", etc.
- This helps in inculcating social values amongst the children and community at large.

Programs undertaken during the year:

- Kerala Flood Relief Donation Drive
- Sujalam Sufalam Jal Sanchay Abhiyan
- Women's Month Celebration
- Self Defence Workshop
- Safety Day Celebration



CSR Impact Assessment Study by M.S.University, Vadodara

A study on beneficiaries' perception to know the Impact of the CSR interventions of Transpek-Silox was carried out by renowned educational institute The Maharaja Sayajirao University of Baroda (MSU). The CSR projects under the areas of health, hygiene, sanitation, education, women empowerment, rural and community development were covered under the study.

The overall impact of the CSR report submitted by the institute states that "If at all, a scale is used to qualify; it would be 8 on a 10 point scale. The interventions have left a mark on people's life."



Highlights of the Year 2018-19

Health, Hygiene and Sanitation

- Reduced anaemia in 40% school children (60 out of 150 Anaemic children)
- Reduced anaemia in 63% of the pregnant women. (125 pregnant women out of 198 in Ekalbara including Mujpur cluster). This has resulted into no maternal and infant mortality.
- Only 2% households are left without sanitation facility

Education

- Contributed to increased enrolment ratio by 10% (Rise in no. of children enrolled in schools from 789 to 872)
- Improved the level of education amongst 32%. (i.e. 63 out of 198 children enrolled in the classes)
- Ekalbara high school stood 1st in Vadodara district for excellence in results - 81% students cleared board exams.
- 13 out of 14 girls (i.e. 92%) of the school girls passed their SSC Board Exams

Rural and Community Development/ Women Empowerment

- Provided safe drinking water (TDS reduction from 350 to 266) through water sump and stand post installation with filtration facility. Safe drinking water is now available to 450 Households on alternate days.
- 6 Women have started earning income of approx. ₹ 7000/Month after the sewing classes
- Installation of 150 street lights have illuminated the lives of the villagers and resulted into better safety and security

Sr. No	Project/ initiative	Target Group	Outcome
1.	Infrastructure Support at Ekalbara i) Project Urja: Solar and Conventional Street lights at Valipura ii) Pipeline facility at Valipura	Community People at Ekalbara	<ul style="list-style-type: none"> • Safe Drinking water is now available to #450 households at Hynapura and Valipura clusters • Earlier only domestic water was available to the villagers for 2 days in a week. Now the domestic water available on all days and there are separate connections for drinking water which is available on alternate days
2.	Construction of Toilet Blocks & Household Sanitary Bathrooms	Community People at Ekalbara	<ul style="list-style-type: none"> • Completed the construction of total 225 toilet blocks and 86 bathroom blocks under the Project till date. • Constructed 36 toilet blocks and 68 bathroom blocks in Y2018-19. Only 2% of the households have no toilet facility at Ekalbara i.e. 30 households without sanitation facility
3.	Speciality Medical Camps & health, Nutrition Awareness Program	Women, children, adolescent girls and senior citizens of Ekalbara	<ul style="list-style-type: none"> • Provided impairment tools and assistive devices to 216 differently abled people to build their confidence and develop mental and physical capabilities. • Reduced anaemia in 63% of the pregnant women. (125 pregnant women out of 198 in Ekalbara including Mujpur cluster). This has resulted into no maternal and infant mortality. • Provided medical facility to about #1,000 beneficiaries and distribution of free of cost medicine to the needy in Y 2018.
4.	Adoption of CCI and WCI	Residents of the aforesaid CCI are economically weaker, abandoned, orphaned and amongst the most neglected by the society	<ul style="list-style-type: none"> • The counseling sessions have resulted into reduction of violence instances by 20%. (As per the data shared by superintendent in charge). • There have been notable improvements in the psychological and mental wellbeing of the residents

Indian Chemical Council (ICC) Award for Social Responsibility for the year 2018

Sr. No	Project/ initiative	Target Group	Outcome
5.	Educational Support at Ekalbara: School Enrolment functions, summer camps, Miscellaneous programmes and activities	School children of Ekalbara, Atladara and Silvassa	<ul style="list-style-type: none"> Improved enrolment ratio by 10% in 2018-19 There has been average increase in monthly attendance of children. On an average out of 26 Man days in a month, children attend the classes for 23-24 days. Rise in attendance has been witnessed from 15 to 16 days to 23 to 24 days. Ekalbara high school stood 1st in Vadodara district amongst the government schools for outstanding results. 81% of the students and 92% of the girls passed their 10th Board exams against 50% of passing during the year 2015-16
6.	Adarsh Vidhyarthi Project at Ekalbara Schools and Hynapura Anganwadi	School Children of Ekalbara	<ul style="list-style-type: none"> Improved education level amongst 32% (63 children out of 198) of the school children in 2 schools
7.	Women Empowerment – Prerna & Sakhi	Community women and adolescent girls of Ekalbara	<ul style="list-style-type: none"> More than #300 community women & adolescent girls learnt skills of making preservative items, artificial jewelry & seasonal products to make them self reliant and create an alternative source of income. About #200 women benefited out of lectures & workshops on “Menstrual Hygiene” “Female Health Issues”, “women’s rights”, “Self Grooming”, etc.
8.	Computer Education	School children of Nana Ekalbara Primary school	Developed Computer skills of #300 school children at Nana Ekalbara Primary School
9.	Sukhadi Daan Yojana - Vadodara, Ekalbara	Anganwadi children of Ekalbara and Vadodara	Improved nutritional level of children by 27% on health parameters



- Transpek-Silox received the honour of receiving **“Excellence in Social Responsibility Award for the Year 2018”, instituted by Indian Chemical Council (ICC).**
- ICC is the Apex Body of Chemical Industries in India. It has a membership of about 497 Chemical Companies of Indian and Overseas origin representing different branches of Chemistry.
- Among its various activities, ICC gives Annual National Awards for Excellence in various facets of Chemical Industries like Environment, Health & Safety, Energy Conservation, Development of Indigenous Technology, HR Practices, CSR, Best Responsible Care Company, etc.
- As the entries are subjected to rigorous scrutiny by Panel of Senior Expert Assessors, these Awards are highly coveted and sought after.
- ICC has been recognizing and honouring best practices in the Indian Chemical Industry since 1965 and this was the 54th Year of ICC Awards.
- The Award Ceremony was organized on 27-September-2019 at Hotel Taj Mahal Palace, Mumbai in the presence of Industry Captains, Bureaucrats, Senior Academicians and Industry Professionals.

Recognitions Received in the Past



Received Certificate of Merit at the 15th FGI Awards For Excellence in the category of **"Outstanding Contribution In The Field of Corporate Social Responsibility"** by Hon'ble Union Minister of Women and Child Development India, Smt. Maneka Gandhi



Honoured with The True Impact Award for Excellence in Social Responsibility by Former District Collector of Vadodara – Smt. Avantika Singh & the original 'Padman' of India, Mr. A. Murugesan



Received Certification of Appreciation in the Gujarat State CSR Awards 2018 for "Sustainable and Impactful CSR Project" organized by Gujarat CSR Authority



Received Certificate of Merit at the 15th FGI Awards For Excellence in the category of "Outstanding Contribution In The Field of Corporate Social Responsibility" by Hon'ble Union Minister of Women and Child Development India, Smt. Maneka Gandhi

Journey Ahead

We will continue working on our commitments and goals towards their attainment. Large population of our country resides in rural areas. Agriculture, animal husbandry, agro based industries and horticulture continue to provide sustainable livelihood to majority of our population.

Around April-2019, we initiated project on experimental scale at Ekalbara covering following areas:

- Sustainable organic farming
- Better Animal Husbandry and cattle care
- Improving share of horticulture i.e. fruit yielding trees

Initial response from the farmers is quite encouraging. Agriculture farming is a native skill and we could see a natural pull and inclination of farmers towards this subject.

We see a definite promise in this area to make our local community more empowered and prosperous.

It also has great potential to move forward in terms of agro based products and move up in the value chain. This of course would require much greater collaboration from the village panchayat and community members.

At Silvassa, we see potential to work with local tribal community to transform the nearby 'silent forests' into vibrant bird watchers' paradise. This would tremendously add to bio-diversity of the region and also open up avenues for local youth through eco-tourism.

We shall continue with our journey of creating a better world- step by step- but moving ahead nonetheless!

