

Title of the case study: Community Development – Village Adoption-Smart Village

Basic information:

- Time period of the case study: 2022-2023
- Location (specific site, if applicable): Moksha Gundam Village in Bestavaripeta Mandal in Prakasam District of Andhra Pradesh, India.
- Brief background: In the state of Andhra Pradesh, the villages do not have access to sustainable energy services for village development. There are no facilities to provide good education, healthcare, access to clean water, sanitation and nutrition. Poverty, gender discrimination and inequality in the communities are the major concerns. There is a need for growth of productive enterprises to boost incomes, and enhance security, gender equality and democratic engagement.

With this backdrop and keeping in view the objective of Cyient Foundation to achieve long-term, holistic development of the community, Cyient Foundation has adopted Mokshagundam village in the rural areas of Andhra Pradesh for its overall and sustainable development.

The Andhra Pradesh government had invited corporates, individuals, NRI's and Celebrities to adopt villages and work on the 20 non-negotiable development commitments under its Smart Village-Smart Ward program.

Andhra Pradesh State Government had created web portal <http://www.smart.ap.gov.in/> and inviting corporates to adopt the desired villages.

Cyient Foundation submitted request for Mokshagundam village adoption and received approval mail from the Andhra Pradesh State government.

Details of the case:

- What issues or challenges were faced?
 - In the Mokshagundam village of the Prakasam district in Andhra Pradesh -
 - There is no drinking water facility for villagers. There is a pipe connection to every house hold but there is no availability of water.
 - There are 50 houses which do not have toilets. However, there is space available for construction.
 - The village does not have a preliminary health care centre and there are no proper roads in the village. For every small health issue, the villagers have to travel 13 km for medical assistance.
 - There are two Aanganwadi centres and one upper primary school in the village which are not in bad shape and there are no funds to run these centres.
 - The children in these centres are from SC/ST and BC communities and suffer from malnutrition.
 - The death ratio of children below 6 years of age is 3% every year.
 - 130 children attending the classes from 1st to 8th Standard in the village hail from poor families whose income is from agriculture, cultivation labourers and daily wage labourers.
 - The children attend school in order to get a meal under the mid-day meal scheme available in the school and Aanganwadis.

- What was the approach taken to address these challenges?
Cyient had formally adopted the Moksha Gundam Village in Bestavaripeta Mandal in Prakasam District of Andhra Pradesh State on May 12, 2015, through its not for profit entity Cyient Foundation started working on the major development initiatives in the last 8 Years.

Developed facilities like Drinking Water & Usage Water, Roads and Infrastructure with the support from Government in Public Private Partnership model.

Providing quality education to the village school children and developed smart school with computer literacy.

- Developed 3 RO Plants & installed swipe machines to supply water through prepaid cards. Currently supplying purified water supply to 3000+ households.
- Dug Four Bore wells and developed water harvesting pits around RO Plants and houses, taken necessary steps to create awareness and ensured the ground water recharge.
- CYIENT FOUNDATION had played a catalyst role and pursued with Panchayathi Raj Department and build overhead tank & pumped water through existing pipe lines to supply usage water to every household in the Panchayati

Roads and Infrastructure:

Cyient with support from PanchayatiRaj Department, completed CC Road works and also provided funds for the internal roads to SC and BC Colonies on the village.

Developed over 6 Kilometers Length of Concrete and Black Top Roads in the village.

To eradicate Open Defecation in the adopted village, with support from government toilets built in every house with PPP Model. Built common toilets and water facilities in Hospitals, Community Areas like temples and Panchayat Offices.

Education to the needy:

Adopted the school in the village and developed necessary infrastructure like class rooms, sanitation facility and Digital Classrooms with lab facilities.

Developed the play area with the donated 1 acre to land to the “Sri Bodanapu Nagi Reddy Memorial school “ to facilitate the additional infrastructure

Developed the existing school and appointed teaching staff, built toilets for children, provided drinking water and created smart class room with computer centre.

Promote Heritage and Culture:

To promote the heritage and culture, provided infrastructure support to the existing the Temple, Shri Mukteswaram Temple in the village by building sanitation facilities, painting works and satram etc.

CYIENT Smart Village Smart Ward - Leveraging INNOVATION IN HEALTH CARE

The Cyient Adopted Village Mokshagundam does not have any ECG Equipment to perform the tests to identify and prevent heart problems.

The PHC Doctors/Staff refer to nearest town Nandyal which is 75 Kilometres away from the village for heart check-ups and related diagnosis.

Latest health initiative engaging Cardiac Design Labs a medical device company based out of Bangalore.

CYIENT FOUNDATION and Cardiac Design Labs (CDL) came together to support the poorest of poor communities in the adopted village. Donated latest technology advanced ECG equipment which is easy to operate and portable device. The intention is to bring in healthcare screening closer and comfortable to patients in rural areas.

A group of specialists from CDL and CYIENT trained on the operating procedures and report generation to the PHC doctors, Nursing staff and nearby government hospital doctors.

- What was the benefit of the initiative?

Impact:

- Continue to be 0% Open Defecation
- Continue to achieve 100% children age group 6 to 15 Years attending schools
- Achieved 86% of IT Literacy to community and e-Governance awareness sessions to community people
- Achieved 0% Malnutrition and 0% early deaths in the village by supporting Anganwadi Centers
- Provided nutritional supplements and necessary Aaya's to Anganwadi's
- Now the patients are utilizing the device and getting the initial screening done at the PHC.
- This initiative currently helping the PHC doctors to do ECG screening for 10 to 20 patients every alternative day and generating reports at no cost. Receiving very good response from the surrounding villages on utilizing the services.
- Identified nearly 20 patients with heart issues and provided awareness diet and lifestyle on preventing the heart attacks, referred to Heart Specialists to nearby town Nandyal.

- Please indicate if there are any specific quantitative KPIs or measurable indicators that demonstrate the value created/ outcomes of the interventions.

3093

Providing homes with access to toilet, safe drinking water & usage water



11,314

Over 10000+ girls gained access to clean sanitation facility in AY22-23



7643

Over 7500 villagers got primary health care at low-cost in the adopted village



100%

Achieved open defecation free in the adopted village – built toilets in every house



0%

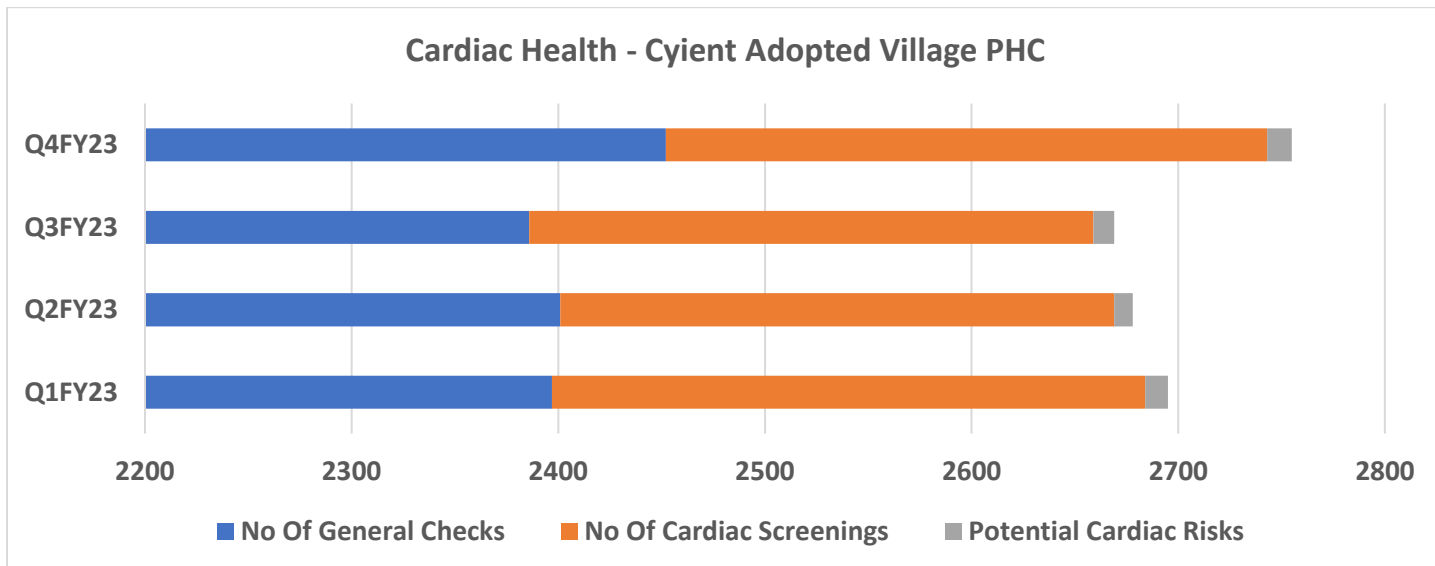
Achieved the end of all preventable infant deaths and malnutrition children



0%

Zero school drop outs of boys & girls up to 8th class. All children attend school.





Photographs:

- A picture depicting the benefits received / illustrative image of the activity/support provided
- Note: No selfies, pictures at public places, etc. make sure the picture is professional keeping in mind the purpose of reporting

CYIENT

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