

APRIL 2024



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## Three Years of Impact

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From initiatives to impact, our impact report tells a story of change

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# Holistic Rural Development Initiative Talbehat, Lalitpur, Uttar Pradesh 2021-2024

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Presented by



CENTER FOR ADVANCED  
RESEARCH & DEVELOPMENT

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(M. P.)

<https://www.cardindia.org/>

## CARD- AN Overview

The Centre for Advanced Research & Development (CARD) is a prominent non-governmental organization in Central India, engaging in research, evaluation, documentation, and nationwide program implementation. Its key focus is on fostering innovative action research and utilizing its outcomes to enhance societal and environmental well-being. Through diverse programs, it aims to act as a driving force for progress in backward regions and uplift the quality of life for marginalized communities.

Established in 1992 and headquartered in Bhopal, Madhya Pradesh, CARD emphasizes on participation as its core value, it aims to foster strong partnerships with collaborating organizations. It facilitate development through building and strengthening community institutions and encouraging women's involvement. Through its multi-sectoral development approach, CARD strives to create opportunities for establishing support systems for livelihoods.



### Vision

We strive for a prosperous dawn with the promise of empowered communities and self sustained habitats

### Mission

Development with Commitment and Professionalism



Participation  
Empowerment  
Institution Building  
Transparency  
Team Spirit

## Parivartan: Holistic Rural Development Program (HRDP)

### Holistic Development of selected villages of Talbehat Block District Lalitpur of Uttar Pradesh

#### Project at a Glance

Lalitpur is a district situated in Bundelkhand Region of Uttar Pradesh. This geographical region characterized as rainfed area having difficult terrain, undulating topography, scarce natural resources, residual and low depth of soil with poor irrigation facility. The economy of this region based on traditional farming in which mono-cropping is prevalent. Poor profitability, adverse climatic conditions for crop growth and socio-economic problems leads to migration of farming youth to non farm sectors, unemployment, poverty, environmental degradation are the important issue of this region.

Lalitpur district is predominantly rocky, with the highest elevation in the far south, featuring remnants of the Vindhyan plateau. The major part of the district is drained by river Jamni and its tributaries.

Administratively the district is divided into six Development Blocks , which are Talbehat, Jakhaura, Bar, Birdha, Mehroni and Madawra.

Centre for Advanced Research & Development (CARD) in collaboration with HDFC Bank under its flagship initiative **Parivartan**, implemented a Holistic Rural Development project in 15 villages of Talbehat Block in Lalitpur district for a period of 3 years (from March 2021 to 31st March 2024) to address the following challenges:



Limited livelihood options for marginal, small farmers and landless people



Chemical Farming and mono cropping practices making farmers' life miserable



Poor facilities and access to quality education, drinking water, sanitation and hygiene



Water scarcity and drought are the biggest challenge

## Parivartan: Holistic Rural Development Program (HRDP)

### Holistic Development of selected villages of Talbehat Block District Lalitpur of Uttar Pradesh



The over all Goal of the project is to disseminate and demonstrate the best practices of holistic development among the community groups of the region to improve their quality of life.



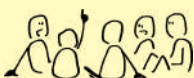
Ensure the reach of villagers towards the improved basic services of health, education, etc.



Introduce and convince the farmers towards the adoption of responsible farming practices to increase the returns from agriculture/horticulture and to ensure a clean & safe village environment.



Promotion of better livelihood options among women, landless and other deprived off households



#### **Beneficiary Groups**

***Direct Beneficiaries***-675 farmers (both male and female), 150 Women and 150 VDC members

***Indirect Beneficiaries***- Entire Village Community

## Parivartan: Holistic Rural Development Program (HRDP)

Holistic Development of selected villages of Talbehat Block District Lalitpur of Uttar Pradesh



| Sr. No. | Block    | Village        | House holds | Population |
|---------|----------|----------------|-------------|------------|
| 1       | Talbehat | Aivani         | 290         | 1421       |
| 2       | Talbehat | Asao Pura      | 292         | 1490       |
| 3       | Talbehat | Banguwan Khurd | 86          | 460        |
| 4       | Talbehat | Churawani      | 305         | 1444       |
| 5       | Talbehat | Daulta         | 147         | 911        |
| 6       | Talbehat | Dhamkana       | 228         | 1243       |
| 7       | Talbehat | Hansari        | 104         | 613        |
| 8       | Talbehat | Kakrari        | 350         | 1872       |
| 9       | Talbehat | Piprai         | 269         | 1423       |
| 10      | Talbehat | Radhapur       | 158         | 798        |
| 11      | Talbehat | Sunaura        | 153         | 807        |
| 12      | Talbehat | Sunauri        | 542         | 2916       |
| 13      | Talbehat | Targuwan       | 437         | 2155       |
| 14      | Talbehat | Teta           | 311         | 1608       |
| 15      | Talbehat | Udguwan        | 131         | 739        |
| Total   |          |                | 3803        | 19900      |



In 15 villages, there are 3,803 households with a population of approximately 19,900. The Schedule Tribe Percentage in the total population is 6.62%.

A green wall covered in many handprints of various colors (yellow, orange, pink, red) and sizes, with the word "Impact" written in the center.

Impact

## Parivartan: Holistic Rural Development Program (HRDP)

Holistic Development of selected villages of Talbehat Block District Lalitpur of Uttar Pradesh



# Impact

## Natural Resource Management

Preserving and sustainably managing natural resources is essential for the continued existence and prosperity of both current and future generations.

Natural Resources refer to the entirety of the natural environment that benefits humans, encompassing soil, water, minerals, forests, and more. In recent decades, human activities have significantly polluted and depleted natural resources. It is crucial that we acknowledge how people and their livelihoods heavily depend on the productivity and well-being of the natural environment.

This project provided CARD an opportunity to aware and enable communities in protecting and nurturing natural resources to ensure a harmonious coexistence between humans and the environment.

A series of activities conducted that included ***Farm bunding with soil and stone, Farm bunding with stone, Renovation of Anicut, Check dam & community pond, Demonstration of Horticulture plantation on field bund, installation of Solar Pump Set, Vermicompost Pits (Double & Single Units) and Bags, Dug well repair, Domestic Solar Home Lanterns, Solar Street Lights, Kitchen Garden, Multilayer Kitchen Garden, Formation of Farmer Interest Groups and Soil Testing.***

Around 300 Acres land covered under Farm bunding that controlled soil erosion & contributed in rain water conservation

Renovation of 2 Check Dams & 1 Anicut benefitted 45 hectares land, in total through curbing soil erosion, water harvesting and irrigation

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Renovation of 2 community ponds contributed in groundwater recharge, stored water for irrigation & waste water management

Improved farm ecosystem & income of farmers by plantation of 8000 Horticulture plants like Gooseberry, Mango, Papaya, Jackfruits, Blackberry, Guava, Lemon etc. on Field bunds

Installation of 10 Solar Pumps as demo in 10 villages benefitted around 100-150 farmers in getting access to irrigation water by using clean energy & set an example for others to follow

# Impact

## Natural Resource Management contd.....

Repairing of Dug Wells in 15 Project Villages ensured sustainability of water supply for communities

Support of Vermicompost Pits & Bags to 183 farmers provided them the alternative for chemical Fertilizers and helped in adoption of natural farming

366 Households got access to clean energy in the form of domestic solar lanterns. It helped members of these families to get rid of harmful fumes of kerosene lamps and helped children to study during late evening hours.

257 Solar Street Lights improved the infrastructure of villages and ensured safety of women, girls, elderly and children in movements during night in village streets.

314 Kitchen Gardens & 60 Multilayer Kitchen Gardens ensured green cover around households, availability of nutritious vegetables and additional income by selling extra veggies.

45 Farmer Interest Groups (FIGs), comprising 675 farmers formed and capacitated to follow natural farming and improve their Livelihood through FPO



# Impact

## Skill Development & Livelihood Enhancement

Our villages are blessed with natural resources like farmland, grazing land, water et cetera. At CARD, we believe that, It is crucial to effectively manage these resources and enhance the skills of our farming communities to ensure sustainable income to improve their livelihood and protect the environment.

'Parivartan'-Holistic Rural Development Program (HRDP) of HDFC Bank supported us in our endeavor towards **Skill Development and Livelihood Enhancement** of marginalized communities in 15 villages of Talbehat Block in Lalitpur district, Uttar Pradesh.

A wide range of activities implemented to improve the income and living standard of people in these targeted villages. Herein glimpse of SDLE activities implemented and their impact on the lives of marginalized communities in selected villages:

| Activities                                  | No. | Impact                                                                                                                                                              |
|---------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Establishment of Milk Collection Centre     | 4   | Milk Collection Centres established in 4 project villages. and these centres provided dairy farmers a new avenue for livelihood generation for better income gains. |
| Farmer's Training on Vegetable Cultivation  | 15  | Trainings on vegetable cultivation were conducted among farmers in all 15 project villages that enabled them in growing vegetables for commercial purpose.          |
| Demo and Promotion of Vegetable Cultivation | 60  | 60 Farmers developed Demo Models of vegetable cultivation and opted these as vegetable enterprise for improved income.                                              |

# Impact

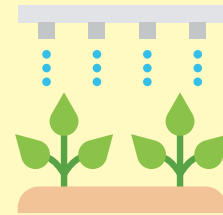


# Impact

## Skill Development & Livelihood Enhancement contd.....

| Activities                                                  | No. | Impact                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Demo Drip Irrigation                                        | 30  | 30 farmers supported to install Drip Irrigation as demonstration in their farms. This technology capacitated farmers in reducing water use in irrigation.                                                                                                                                                                                |
| Construction of Azolla pit                                  | 60  | 60 farmers got skilled and supported in construction of Azolla Pit (Size 10x3x1.5) to use azolla as green manure and fodder for livestock. This contributed in improved soil health as azolla fixes nitrogen in soil and ensured access of good fodder for livestock.                                                                    |
| Capacity Building of Farmer Interest Group at village level | 700 | Capacity Building activities with around 700 members of Farmer Interest Groups enabled them in linkage building with various stakeholders such as government departments, financial institutions, banks etc., development of common infrastructure for farm sector activities and leveraging government schemes for improved livelihood. |

# Impact



# Impact

## Skill Development & Livelihood Enhancement contd.....

| Activities                          | No. | Impact                                                                                                                                                                                                                                                                            |
|-------------------------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Farmers/FIG's Exposure Visits       | 15  | Exposure visits to KVK, Datiya & Bundelkhand Javik Krishi Unnat Farm, Banda improved understanding of farmers associated with FIGs in 15 villages about natural farming and other improved agriculture technology and built their confidence for adoption of same in their farms. |
| SHG Formation & Training & Exposure | 15  | Formation of 15 Self Help Groups in 15 villages, comprising around 120 women members provided financial literacy to women and ensured their economic empowerment.                                                                                                                 |
| SHG members IGA Training & Exposure | 4   | Training & Exposure of SHG members from 4 project villages, in Income Generation Activities like making handcrafted recycled paper and paper bags at TARAGram & Talbehat enhanced their understanding about micro and small enterprises for improved livelihood.                  |

# Impact



# Impact

## Skill Development & Livelihood Enhancement contd.....

| Activities                                         | No. | Impact                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Agri Tool Bank                                     | 11  | Access to Modern agri tools like Seed Drill, Rotavator, cono weeder, Reaper, Groundnut Machine made the farm operations easier, efficient and time saving for farmers in 11 project villages.                                                                                                         |
| Wheat Demonstration- PoP                           | 84  | <p>Development of 60 Wheat Demonstration plots enhanced farmers' understanding about improved technology of wheat cultivation for better income.</p> <p>Add to this, 24 training sessions with FIG's on use of seed drill enhanced farmers' sowing skills and reduced the input cost (for seeds).</p> |
| Village Development Committee Formation & Training | 15  | The Village Development Committees in all project villages ensured transparency, community ownership and sustainability of project activities.                                                                                                                                                        |



# Impact



# Impact

## Skill Development & Livelihood Enhancement contd.....

| Activities                                    | No. | Impact                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FPO Formation & Business Plan development     | 1   | Formation and strengthening of <b>"Maata Tila Farmer Producer Company Limited"</b> enhanced Farmers' resilience by giving them a platform for collective processing, marketing and sale of agri produce/products.                                                                                |
| Green Fodder Development                      | 120 | 120 farmers got training inputs at <b>Indian Grassland and Fodder Research Institute</b> , Jhansi and seedlings support for cultivation of Napier Grass under Greed Fodder Development initiative that improved livestock health and provided means of additional income to beneficiary farmers. |
| Spray Pumps                                   | 75  | Access to 75 spray pumps to members of 45 FIGs reduced the drudgery of small farmers by making farming operations easier and efficient.                                                                                                                                                          |
| Demonstration of Sprinklers Irrigation system | 15  | 15 Sprinklers installed as demo in 15 villages. Farmers in project villages learnt to boost their income by cutting cost on irrigation which also promotes water conservation.                                                                                                                   |

# Impact

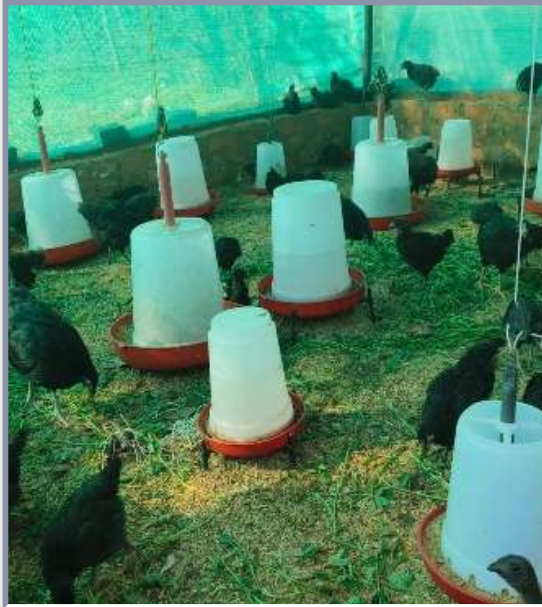


# Impact

## Skill Development & Livelihood Enhancement contd.....

| Activities                      | No. | Impact                                                                                                                                                      |
|---------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Poultry farming                 | 45  | 45 households got access to nutrition by regular availability of eggs for family consumption and a means of extra income by selling surplus eggs and cocks. |
| Goat Rearing                    | 251 | Support of 502 Female Goat of local Bundelkhandi breed to 251 households improved nutrition and income in these households.                                 |
| Cross Breed Development of Goat | 36  | Support of 36 Bucks of local Bundelkhandi breed provided to 36 households and cross breeding process increased the production potential of female goats.    |
| Construction of Goat Shed       | 51  | Construction of Goat Shed improved health of goats by protecting them against extreme climate, among 51 Households engaged in Goat Rearing.                 |

# Impact



# Impact

## Skill Development & Livelihood Enhancement contd.....

| Activities                                        | No. | Impact                                                                                                                       |
|---------------------------------------------------|-----|------------------------------------------------------------------------------------------------------------------------------|
| Improve the quality of breed through AI technique | 67  | Breed Quality of Cattles of 67 beneficiary households improved through Artificial Insemination (AI) for improved livelihood. |
| Livestock Management Training                     | 15  | improved understanding of farmers about efficient livestock operations to get milk, egg, meat etc. for their livelihood.     |



# Impact

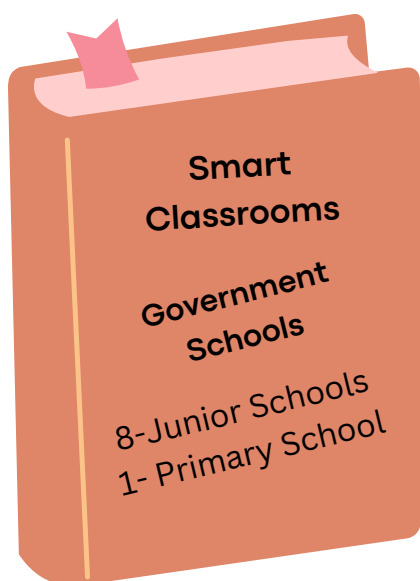
## Promotion of Education

Education plays a crucial role in our society. However, children from lower income communities often lack access to quality education. It is not just about getting students into classrooms; we must also guarantee that they receive a high standard of education. Challenges such as inadequate resources, untrained teachers, outdated curriculum, and overcrowded classrooms can impede the learning process.

Through a collaboration between CARD and LIC HFL, efforts were made in 15 project villages to create a conducive learning environment in Government Primary & Middle Schools.

Our Education Intervention held activities like Smart Classrooms, TLM Support, Setting-up libraries & Activity Corners, Anganwadi Renovation, Science Labs, Sanitation Unit renovation and Drinking Water Arrangements in its kitty and supported 23 Government schools and 15 Aanganwadis in project villages.

Add to this, Celebration of International Days among communities and information dissemination about local issues and problems like early/child marriage, hygiene and communicable diseases et cetera spread awareness in the community.



Projector, audio video system, white and green board, mike, BALA work on walls was done to build a Smart Classroom.

1272 children got access to new age learning tools and facilities.

Improved learning outcomes and creativity. In Primary school the enrollment of children shoots up to 190% in the next academic year.

# Impact

## Promotion of Education contd.....



Support of Teaching Learning Material to 993 students such as toys, games, books, charts, stationary, hygiene kit etc. improved the learning environment in Primary schools.

Support of 590 Table and benches improved sitting facilities in government primary schools that contributed in improved learning environment for children.

Access to joyful education through BALA Paintings in schools & Aanganwadi Centres

Support of wooden racks and a variety of books provided to set up Libraries in 9 Junior Schools

Promotion of Reading habit among children. Improved knowledge, ideas and imagination among children

Activity Corners contributed in developing Team spirit, group work, creativity and improved health by making children active.

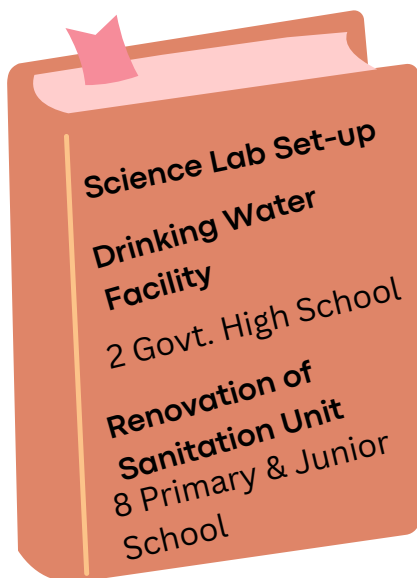


# Impact



# Impact

## Promotion of Education contd.....



Physics, Chemistry and Biology Labs set up in 2 Government High Schools enabled students to gain practical experiences that resulted in better learning outcomes.

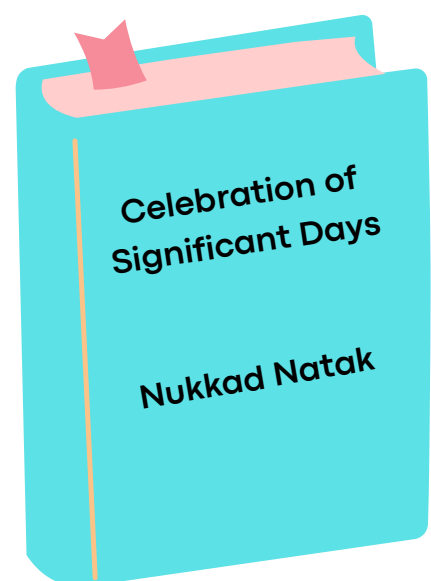
Improved access to safe water in government schools resulted in improved health and learning among students.

Separate toilet facilities for girls and boys in schools ensured safe sanitation facilities and improved attendance in schools, especially of girls.

Celebration of global and national days like women's day, farmer day, World Heart Day, Environment Day etc. spread mass awareness in community about social issues.

Street Plays on issues of child marriage, sanitation & hygiene and prevention of communicable diseases made community aware of these issues.

Sensitization of community members contributed in development of villages and sustainability of project activities.



# Impact



Smile

# Impact

## Health and Hygiene

30 trainings on Menstrual Health & hygiene among women & girls initiated discussion on MHM in the community. Thus breaking the taboo.

16 Veterinary camps contributed towards improved knowledge about animal health among community members.

309 people got access to doctor's consultation, diagnostics and COVID 19 Vaccination free of cost for improved health outcomes.

Renovation of 36 handpumps by repairing of platforms provided access to safe drinking water to people in 15 project villages.



## विश्व हृदय दिवस पर ग्रामांणा को मिली जानकारी

सातवां हिट। समग्र विकास कार्यक्रम के अंतर्गत एचडीएसी बैंक एवं काई संस्था के तत्वाधान में ग्राम समकाल में 29 सितम्बर विश्व हृदय दिवस के रूप में मनाया गया। जिसमें ग्रामांणा को हृदय रोगों से बचाव का प्रवास किया। लोगों को दिल का दौरा क्यों पड़ता है, एवं इसके लक्षण क्या हैं, तथा इसके बचाव हेतु उपाय बताये गए। इसने बचने की योग्य, व्यायाम, शुद्ध खानपान को योग्य, युक्त जीवन जीने के लिए प्रेरित किया गया। काई संस्था की सफाई से परियोजना प्रबंधक रमेश्वर सिंह एवं टीम के सदस्य जितेंद्र, प्राची कर्शीला, अजय एवं मुकेश, ग्राम प्रमुख श्रीमती एवं ग्रामांणा को हृदय रोगों से बचाव का प्रवास किया। लोगों को दिल का दौरा क्यों पड़ता है, एवं इसके लक्षण क्या हैं, तथा इसके बचाव हेतु उपाय बताये गए। इसने बचने की योग्य, व्यायाम, शुद्ध खानपान को योग्य, युक्त जीवन जीने के लिए प्रेरित किया गया। काई संस्था की सफाई से परियोजना प्रबंधक रमेश्वर सिंह एवं टीम के सदस्य जितेंद्र, प्राची कर्शीला, अजय एवं मुकेश, ग्राम प्रमुख श्रीमती एवं ग्रामांणा को हृदय रोगों से बचाव का प्रवास किया।

We feel immense pleasure to share that CARD has been successful in developing community ownership over a period of 3 Years and project was successfully handed-over to the people and their institution Village Development Committees and Panchayats to continue the journey of development!

