

ENRICH, EMPOWER, SUSTAIN

Annual Report 2023-24





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## **Enrich, Empower, Sustain**

Lupin Human Welfare & Research Foundation enriches lives by promoting healthy lifestyles and empowers communities by creating sustainable livelihood opportunities. These guiding principles shape every initiative we undertake, ensuring a meaningful and lasting impact on the communities we serve.

Our Lives program ensures individuals and communities have access to essential healthcare services, while our Livelihood program creates opportunities that improve economic status and ensure long-term community viability.

Through a comprehensive and integrated approach, LHWRF helps communities build resilience against economic and environmental challenges, paving the way for long-term stability and growth.

This Annual Report highlights the extensive work undertaken by the foundation through its holistic approach. It details the year's activities, showcasing the significant impact and contributions made to both national and global priorities.

Together, these pillars—Enrich, Empower, Sustain—define our holistic approach to community development. At Lupin Human Welfare & Research Foundation, we are dedicated to enriching lives, empowering communities, and sustaining livelihoods, creating a brighter, more prosperous future for all.

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### **Board of Trustees**



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## From the Managing Directors Desk



Nilesh Gupta

Managing Director, Lupin

t Lupin, our commitment to Corporate Social Responsibility (CSR), Environmental, Social, and Governance (ESG) principles, and sustainability is foundational to our corporate ethos. This dedication reflects our unwavering resolve to create a positive and lasting impact on society and the environment. We believe that businesses have a fundamental responsibility to contribute to the well-being of the communities in which they operate, we consider this our corporate obligation.

We traditionally focused on Livelihoods. With our additional focus on healthcare in the form of our Lives program, we aim to make an even deeper difference to the communities we serve. We actively encourage and support the participation of our employees through a variety of community engagement programs. These employee volunteering activities have become a cornerstone of our CSR strategy, fostering a culture of empathy, social responsibility, and active community involvement within our organization. In the past year, our employees have collectively contributed 19,188 hours to volunteer work and planted 66,269 trees.

Further, our dedication to ESG principles drives us to integrate these values into every facet of our operations. We are proud to be in the top 5% of companies globally with a Corporate Sustainability Assessment score of 69, as per the Dow Jones Sustainability Index. Our inclusion in the S&P Global Sustainability Yearbook 2024 showcases our dedication and stand as a beacon of sustainability and responsible corporate citizenship.

Looking ahead, we are committed to a more uniform and structured approach to our CSR programs. By standardizing our processes, setting aspirational but achievable goals, and leveraging data driven insights, we aim to amplify the effectiveness and impact of our initiatives. Our future focus will be on scaling our successful programs, fostering innovative solutions, and forging strong partnerships with stakeholders to drive meaningful change.

## Message from CSR Head



Tushara Shankar
Head- Corporate Social Responsibility,
Lupin Limited and LHWRF

ver the years, LHWRF has focused on building sustainable livelihood opportunities and promoting economic empowerment through its diverse programs. We also recognized that without good health, individuals cannot fully benefit from economic opportunities and improve their quality of life. This led us to introduce the "Lives Program" in 2022, which emphasizes enriching communities' quality of life by ensuring better access to healthcare services. Non-Communicable Diseases (NCDs) disproportionately affect the working-age population. Therefore, our focus within the larger healthcare domain is on NCDs, specifically targeting COPD, CVD, asthma, and hypertension.

By addressing both economic and health needs, we provide a holistic approach to community development. This year's Annual Report theme, "Enrich, Empower, Sustain," encapsulates our integrated strategy by highlighting our commitment to enhancing the quality of life (Enrich), enabling individuals to achieve economic independence (Empower), and ensuring long-term community well-being and environmental stewardship (Sustain).

Our livelihood initiatives have had a profound impact, benefiting over 195,804 families in the past year alone. I am particularly proud of our flagship program, the Desh Bandhu Jan Utkarsh Pariyojna. This initiative has been instrumental in supporting low-income families through a range of well-defined activities. Among our agricultural interventions, we have actively promoted the use of bio-resources by implementing a business model that fosters community-based bio-resource enterprises. This approach has been especially advantageous for small

and marginal women farmers, enhancing both agro-ecological sustainability and income security.

Through our Lives Program, we have screened more than 25,000 individuals, ensuring they receive crucial health care. Additionally, we launched our first mobile medical van and formed a partnership with the Public Health Department of the Government of Maharashtra.

Our commitment to sustainability and community well-being is further demonstrated through our robust employee volunteering initiatives. With the support of 6,000 dedicated employees, we have contributed over 19,000 hours and planted more than 63,000 saplings, enhancing environmental sustainability and community greening efforts.

LHWRF's strength lies in its agility and ability to adapt to fresh ideas. As we step into the next financial year, we are poised to restructure our Livelihood strategy, and expanding our Lives Program. This strategic shift aims to deepen our impact on both economic and health fronts, ensuring that we continue to empower and sustain the communities we serve

### **Year Highlights**

#### Reach



#### Livelihoods

#### **Agriculture**



**2.317** acres of land transformed through vegetable cultivation



1,310 vermi compost unit installed



**1,792** acres under Fruit Farming/ Orchard development



2,817 farm equipment's like spray pump, seed driller, rotavator etc were supported to farmers



1,409 acres under drip irrigation benefitting 1416 Farmers

#### **Animal Husbandry**



**3,479** goats were supported to 898 farmers



**533** units of backyard poultry supported



**399** cattle provided for dairy development

8

24

**70** 

1703

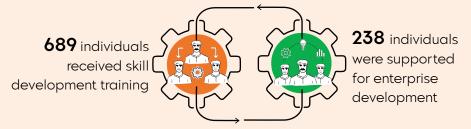
2,24,706

**Beneficiaries** 

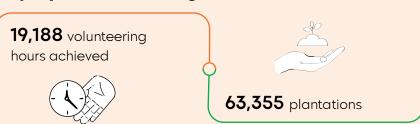
**States Districts**  Block

Villages

#### **Skill Development**



#### **Employee Volunteering Initiative**



#### **Natural Resource Management**



#### Lives



214



**214** health camps organised



**26,789** patients screened

#### **Community Collectives**

Rs 74.14 lakhs amount accumulated through Joint Liability Group credit linkages





2004 new members inducted across FPO



298

Villages

**6** Blocks



18 health facilities



**13,333** high-risk patients identified



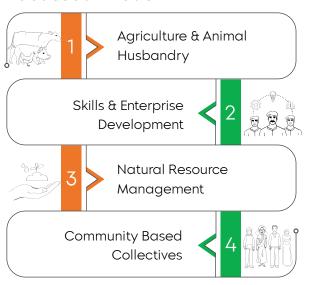


he Livelihood Program is strategically driving significant social transformations within the underserved communities. We are dedicated to improving socio-economic status and fostering inclusive growth. Through replicable and scalable support models tailored to low-income families, we empower them effectively.

Agriculture and allied activities remain the primary income sources for small-scale and marginal farmers. Research indicates that targeted programs in the agricultural sector are the most effective means to reduce poverty.

The Livelihood Program makes structured efforts in agriculture and allied activities, including skill development, community collectives and natural resource management, to foster the holistic and sustainable development of marginalized communities over time. This program offers a robust pathway out of poverty, empowering the underprivileged to attain healthier and more productive lives.

#### **Focussed Areas**



#### **SDGs Impacted**

















## Desh Bandhu Jan Utkarsh Pariyojana

esh Bandhu Jan Utkarsh Pariyojana (DBJUP), is a flagship initiative of the livelihood program which has been implemented in a phased manner over a two-year timeline, targeting specific categories of households in Alwar and Bharatpur in Rajasthan and Dhule and Pune in Maharashtra. It acknowledges that the impoverished often rely on multiple sources of income and show great adaptability in overcoming challenges. By engaging low-income families in variety of activities, we enabled a new pathways for sustainable farming of agricultural and livestock products. The program tailored initiatives for rainfed farmers household (HH), irrigated farmers HH, and landless/artisan HH, each with different models and activities.

Rainfed Farmers HH, owning land holdings of less than 2 hectares (5 acres) and practicing rainfed farming without irrigation, were offered interventions such as Livelihood Model 1, featuring irrigation, vegetable farming, and backyard poultry, or Livelihood Model 2, comprising irrigation, vegetable farming, and a goat rearing unit.

Irrigated Farmers HH, with land holdings of less than 2 hectares (5 acres) and practicing irrigated farming, were provided with

interventions like Livelihood Model 3, involving cattle induction program.

Landless or artisan households, lacking land ownership and relying on daily wage labor or artisanal work, were offered interventions such as Livelihood Model 4, involving skill training and micro-enterprise development, as well as Livelihood Model 5, which entails backyard poultry and goat rearing.

Through these tailored initiatives, the program aimed to optimize local resources and foster diverse income streams, thereby empowering underserved communities economically. This approach not only ensured reliable access to healthy, affordable food for local consumers but also enabled comprehensive community development, strengthening resilience against climate change stresses, particularly for vulnerable households.



#### Reaching the Last Mile, Securing Livelihoods!

Dattatrey Surkule hails from the village Gondre in Junnar block in Pune district, Maharashtra. With no land of his own coupled with his physical impairment, he finds it extremely difficult to earn. Now, he solely relies on his wife whose employment is seasonal and unpredictable, making it difficult for the family to make ends meet.

The story of Dattatrey echoes the voices of countless such rural families like his, who are either landless, or rely heavily only on monsoons to supplement their agriculture income.

LHWRF's flagship program, Desh Bandhu Utkarsha Pariyojana bridged this gap, by helping farmers like Dattatrey and their families to find alternative sources of incomes. This involved offering financial assistance, continuous support, and capacity-building initiatives. The initiative aimed to provide alternate sources of income for the most vulnerable farmer groups and their families, guaranteeing that the disadvantaged farming groups got benefited from it.

"In the beginning, my wife had to work as a daily wage labourer on other farms just to make ends meet. Those were some of the toughest times for us. Since her work was seasonal, we had no steady income during the off months, and she often had to go out and find other work, which was quite challenging," Dattatrey

He now runs a goat and poultry unit, received from Lupin's intervention activities. Most notably, he has not let his physical impairment come in the way of securing a livelihood now.

With a steadfast belief of providing access to opportunities to the most vulnerable, LHWRF has ensured that all its initiatives reach all sections of the society.



# **Agriculture and Animal Husbandry**

griculture remains a vital sector for the well-being of the rural population. Ensuring its sustainability and growth is crucial for overall development. Smallholder farmers, who collectively supply the majority of the population's food, are extremely resourceful in the face of adversity, but they require new options for sustainably producing and selling a diverse range of crop and livestock products, particularly as climate change exacerbates the stresses they face.

LHWRF promotes productivity by diversifying crops, developing orchards, and implementing efficient irrigation like drip and sprinkler systems. It also supports better cotton standards, vegetable cultivation, and fodder development. Moreover, LHWRF assists in establishing vermicomposting units, commercial nurseries, and promotes organic farming practices. These efforts, in collaboration with agricultural institutions, lead to increased income, better nutrition, enhanced soil fertility, reduced costs, and higher yields. Additionally, they provide year-round income and nutritional support to rural communities, reducing migration and improving their quality of life.

On the other hand, landless and marginal farmers heavily rely on livestock rearing for a steady income due to the seasonal nature of farming. To support them, LHWRF promotes integrated livestock development by providing comprehensive, doorstep services aimed at self-sustainability. This includes goat farming, poultry, and dairy, which enhance both income and nutrition. Additionally, LHWRF facilitates animal health services and offers training in livestock management to build capacity while also focusing on improving livestock breeds, building farmer capacities, transferring technology, diversifying livestock, and developing value chains. These initiatives cover breed improvement, fodder security, advanced animal health management, and the establishment of robust value chains to ensure comprehensive support and sustainable growth for these communities.



#### Enabling farmers with innovative, sustainable agriculture practices

Shakun, a determined farmer from Tarwariya village in Vidisha district of Madhya Pradesh, faced the harsh realities of traditional agriculture. Struggling to make ends meet, she and her family were caught in a cycle of scarce rainfall, drought, and extreme temperatures. Guided by the Integrated Watershed Development with Climate-Proofing Interventions project, with the support of the LHWRF and NABARD, Shakun adopted multifunctional cropping systems and integrated farming practices to boost income and enhance the quality of life.

Water scarcity and groundwater depletion were critical issues that the project tackled head-on. The community constructed check dams and implemented rainwater harvesting, ensuring a steady water supply for both agricultural and domestic needs. They also introduced climate-smart agricultural practices, safeguarding crops and livelihoods against unpredictable weather conditions.

Shakun also received a goat unit comprising of 4 goats and 1 buck and crucial guidance on cultivating vegetables. Starting her day at 6 AM, she managed farming activities, goat care, and tending to the trellises. The sale of a single buck became a turning point, providing funds to mend the family's roof and ensuring her children could attend school regularly. They embraced crop diversification and intercropping, enhancing soil fertility with vermicompost produced on Shakun's farm. The installation of a motor for water irrigation marked another turning point, eliminating the need for bicycle trips to fetch water.

The changes in Shakun's life were significant. Financial stability brought new conviction, encouraging her family and community to strive higher. Their experience of transformation inspired nearby villages to adopt similar practices. Shakun's journey reflects the impact of forward thinking. Transitioning from traditional farming, she broadened her crop variety, improved her techniques, and achieved sustainability.



## **Natural Resource Management**

atural resources like soil, water, and land are key assets for a thriving ecosystem. Their sustainable management is crucial for the survival and growth of rural populations, especially as climate change brings erratic and unpredictable monsoons, increasing pressure on water resources.

Triggered by a desire to address the water scarcity scenario caused by uncontrolled groundwater use and weak socio-economic conditions of underserved communities, LHWRF is implementing projects related to integrated watershed management projects for sustainable development. These initiatives focus on constructing water harvesting structures, sustainable agriculture, and soil conservation. By improving groundwater levels, conserving natural vegetation, and enabling rural communities, LHWRF is mitigating environmental degradation.

The program ensures sufficient water for irrigation, year-round drinking water for humans and livestock, and expands irrigated areas. It empowers farmers to manage water resources sustainably through

participatory improvement, strengthens crop productivity, and promotes clean energy, reducing distress migration and boosting the socio-economic status of villagers. Enhanced water efficiency and increased green cover are key outcomes, contributing to reduced groundwater depletion and carbon sequestration.

Key activities include building CCTs, WATs, gully plugs, check dams, bunds, wells, and ponds for soil and water conservation, installing water-lifting devices, and promoting micro-irrigation systems like drip irrigation, rain guns, and sprinklers. The adoption of clean and green energy sources, such as biogas and solar, further supports sustainable development.



#### **Reviving Jamkhel Amidst Water Woes**

In the arid landscape of Jamkhel, a village in Maharashtra's Dhule District, water scarcity has long been a relentless challenge. As one of India's land degradation hotspots, Dhule is home to many residents, like Subhash Kashinath Bhule, struggling to sustain their livelihoods.

Water crisis creates a cascade of problems: limited water availability for domestic use, no water for livestock, and difficulty meeting daily needs. As a result, farmers and their families move wherever they can find work, causing children to drop out of school due to irregular attendance. Faced with dwindling resources on their farms, many families are driven to migrate.

Subhash Kashinath Bhule is one of the many marginal farmers who rely on rainfed agriculture. He says, "I own about 3 acres of farmland, and during the monsoon, we grow crops like pearl millet, corn, finger millet, and soybean, all dependent on rainwater. If the rains are good, we get a healthy yield, but we do not have facilities like wells. We are unable to meet our daily domestic needs and also struggle to find enough water for our farms."

To address this pressing issue, LHWRF has implemented a lift irrigation project to support 50 marginal tribal farmers from Jamkhel Village and 200 families in six other villages. This initiative aims to boost agricultural income by ensuring water availability for irrigation and reducing the burden on women and girls, thereby enhancing their overall quality of life. Women, in particular, face daily challenges, leaving for labor work early in the morning and managing household chores and childcare in the evening. Despite these challenges, they remain relentless and rooted in water conservation.

The community lift irrigation is sourced from a minor irrigation dam called "Kabryakhadak," located 1.5 kms away. This project has successfully irrigated a total area of 150 acres, benefiting families in the Dhule district. The local committee, "Devjhira Samuh Sinchan Yojna, Jamkhel," oversees the operation and maintenance.

This initiative represents a vital shift for Jamkhel and other dry regions of Dhule, empowering farmers like Subhash Bhule to overcome water challenges. This effort not only addresses immediate needs but also lays the groundwork for a viable future.



# Skill & Enterprise Development

kill building is the core of a secure livelihood, leading to an empowered life in every aspect. However, skill deficiency in rural India is a significant barrier to realizing the country's 'demographic dividend.' Skill training can substantially increase individuals' incomes. As youth increasingly turn away from farming, skill development becomes even more essential for creating gainful employment opportunities for rural youth. This approach addresses poverty by improving employability and productivity, promoting sustainable enterprise development, and fostering inclusive growth.

LHWRF's Skill Development Program enables individuals to increase their income and improve their livelihoods. Through strategically located Multi Skill Training Centres, the program offers a variety of training courses to empower individuals, especially youth and women, for wage employment or self-employment opportunities. Adhering to NSDC guidelines, the initiative seeks to create livelihoods within villages or nearby towns, encompassing farm, off-farm, and non-farm sectors.

Skill training is complemented by placement assistance, as well as ongoing mentorship for establishing self-enterprises. LHWRF is driving a rural startup movement within the project area. Key feats achieved include the affiliation of a garment-manufacturing unit in Tarapur with Anita Dongre Fashion House. LHWRF enhances the efficiency and earnings of rural service providers by equipping them with comprehensive training and essential toolkits. Additionally, it revitalizes traditional crafts, such as marble work, by equipping artisans with the necessary skills and expertise to thrive.



#### Resilience in the Face of Adversity

In the serene landscape of New Plot Salaher, a small village in Jammu district, the story of Garo Devi shines as a testament of resilience and determination. Garo, a woman with special needs, has transformed her life and shattered societal expectations with her own indomitable spirit.

Garo Devi was born with a disability that severely affected her legs, making the simplest tasks of walking and moving a daily struggle. In a society where physical prowess is often equated with worth, Garo faced a world that largely dismissed her potential. Educational and employment opportunities were out of reach, and though her parents showered her with love and support, their limited resources left them powerless to provide the specialized care she needed.

Everything changed for Garo when LHWRF supported her with sewing machine. Recognizing Garo's potential and equipping her with skills. With the sewing machine, Garo embraced her opportunity with a resolve that belied her physical challenges. She dedicated herself to learning the intricate art of sewing and tailoring, immersing herself in both traditional and modern garment design. Her perseverance paid off as she mastered the craft, transforming fabric into beautiful garments and customized outfits for various occasions.

With newfound skills and a growing passion, Garo set up a small tailoring business in her home. What began as a modest endeavor to serve her neighbours soon blossomed into a thriving enterprise. Her reputation for skillful stitching and personalized service spread throughout the village, leading to an expanding clientele that sought her expertise for weddings, festivals, and everyday attire.

Garo's tailoring business was more than a source of income; it was a symbol of her resilience and creativity. Through her work, she not only achieved financial independence but also gained a profound sense of selfworth and purpose. Her success inspired those around her, challenging deeply ingrained stereotypes about the capabilities of individuals with disabilities.

In Garo Devi's tale, we see more than just a woman who learned to sew; we see a new narrative of hope and acceptance for people with disabilities. It shows that success is not defined by physical limitations but by the strength of one's resolve and the opportunities one is given.



## **Community Collectives**

HWRF promotes two types of community-based institutions Farmer based organizations i.e. - Farmer Producer Organisations

(FPOs) & Self Help Groups (SHGs).

FPOs, or Farmers' Producer Organizations, are entities formed by farmers to help them collectively engage in various agricultural and related activities. LHWRF strengthens farmers by leveraging their collective power through Farmers' Producer Organizations (FPOs) to improve the livelihoods of small and marginal farmers. These farmers often face high costs, inefficient processes, limited scalability, and lack of access to finance and quality inputs. Individually, due to land fragmentation, they cannot benefit from economies of scale. The seasonal nature of farming creates supply mismatches, leading to erratic availability and forcing farmers to migrate due to insufficient returns. Transporting small quantities to urban markets is impractical, so farmers often sell to local traders at lower prices. Limited access to credit and insurance, along with climate and pest risks, further complicates their lives, resulting in high indebtedness, unemployment, and distress migration.

To address these challenges, LHWRF focuses on enhancing farmers' economic well-being and market negotiation power. They emphasize capacity building, providing training, and exposure visits to improve management and decision-making skills. Ensuring access to credit, technology, pooled resources, and essential infrastructure boosts productivity. By establishing direct purchase systems at farm gates, transport costs are reduced, and profits are increased. Additionally,

FPOs are assisted in establishing market connections for better prices and a wider consumer base.

Furthermore, LHWRF educates farmers on financial management and digital services, partnering with government bodies like NABARD and SFAC to align with programs and secure support. The organization focuses on reducing input costs, ensuring the timely supply of quality inputs, and promoting tribal women's FPOs, resource conservation, and regeneration.

Self Help Groups (SHGs) play a key role in enhancing rural livelihoods by promoting women's social and economic empowerment. LHWRF supports the formation and strengthening of SHGs, organizing women into small groups linked with banks and government departments. These SHGs are further organized into federations, providing a broader platform for growth and community development beyond the village level. This initiative fosters community development and empowers women collectively.



#### **Sowing Seeds of Prosperity in Kathumar**

Inspired by the collaborative efforts of LHWRF and NABARD, local farmers came together in Kathumar block, Alwar district, to establish Kathumar Mustard Producer Company Limited (KMPCL). Today, KMPCL thrives with six dedicated employees and 500 shareholders, representing more than just numbers – it reflects the unyielding spirit of the farming community. Despite facing numerous challenges, KMPCL's has paved the way for positive outcome.

KMPCL's journey began with the establishment of a profitable Agri-inputs retail outlet, providing essential resources to farmers. By purchasing mustard directly from farmers, KMPCL reduced inventory costs and established a seamless supply chain. They also pioneered a farm equipment bank, making essential services accessible to small farmers. KMPCL then launched a state-of-the-art mustard processing unit, producing mustard oil and cake under their own brand. The establishment of a common service center empowered the farming community with essential digital tools. KMPCL's registration on the E-NAM & NCDEX portals has expanded market access for farmers.

KMPCL also crossed a key milestone when the NAB Foundation placed an order for 4,000 bottles of 1-liter mustard oil. This large-scale deal is a significant episode in KMPCL's journey, fueling further efforts to secure more lucrative bulk sales and firmly establishing the company's brand name. As of December 2023, KMPCL has achieved a total turnover of INR. 62,45,0000

Looking ahead, KMPCL's directors have an imperative vision: to elevate crop productivity through best practices and quality inputs, expand the mustard processing unit with a focus on online marketing, and develop storage facilities for mustard and other agricultural produce. This thorough strategy aims to expand the company's capacity and reach, ensuring long-term growth for Kathumar's mustard fields and the community it serves.





n addition to implementing its own programs, LHWRF actively collaborates with a wide network of partners, including other corporate entities, government institutions, and development organizations such as Better Cotton, GIZ, NABARD, and Atlas Copco. These partnerships are essential to achieving the overall mission of improving the lives and the livelihoods in rural communities. By pooling resources, expertise, and knowledge, LHWRF and its partners work together to implement innovative strategies that address challenges faced by farmers, particularly those from marginalized and vulnerable backgrounds.

One of the core objectives of these collaborations is to promote sustainable livelihoods practices that not only boost agricultural productivity but also protect the environment. This includes promoting eco-friendly farming techniques, improving water and soil management, and introducing climate-resilient crops. By adopting

these practices, farmers are empowered to increase their income, improve food security, and build a more sustainable future for their families.

Additionally, LHWRF and its partners work to provide farmers with access to critical resources such as credit, markets, and technology. Capacity-building initiatives are also a key focus, helping farmers develop the skills and knowledge they need to thrive. These combined efforts contribute to the broader goal of poverty alleviation, ensuring a better standard of living and long-term economic security for rural communities.





## **Better Cotton Initiative**

# **Transforming Cotton Farming for Smallholder Growers** in Maharashtra

he Better Cotton project is aimed at transforming the cotton sector through responsible farming practices. By addressing the negative impacts of conventional cotton production, the Better Cotton Initiative (BCI) strives for comprehensive sustainability across environmental, social, and economic dimensions. This holistic approach ensures benefits for cotton producers, the environment, and the future of the sector.

The project is focussed on training and empowering farmers in sustainable practices. By tackling challenges related to soil, water, and climate, the initiative enhances its impact at the grassroots level, advocating improved farming techniques. The program includes diverse training methods such as field days on demonstration plots, community events, educational materials, multimedia campaigns, and the distribution of pest and nutrient management kits. Moreover, the initiative engages gender experts to train lead farmers, recognizing the pivotal role of women in cotton farming.

Lupin Human Welfare & Research Foundation (LHWRF) has been implementing the Better Cotton project with smallholder cotton

growers in Dhule and Nandurbar districts since 2017-18. The project initially involved 12,000 farmers, and by 2023-24, it has expanded to encompass 95,141 cotton growers.

The Better Cotton Growth & Innovation Fund supports LHWRF in reaching over 95,000 cotton farmers across 511 project villages to encourage the adoption of Better Cotton Standard System (BCSS) practices.

The project serves as a testament to the power of small & marginal farmers to bring about meaningful change. Every step taken in the cotton supply chain contributes to a more sustainable and just future.

# Impact Highlights **95,141** smallholder cotton growers are being empowered **527** villages are being enriched **6,983** women farmers are actively involving 17,100 farm laborers are securing decent working conditions 20/23 109,679 hectares of cotton cultivation are being covered

# Learning by doing: Apeksha Bacchav's story of influencing people as a demonstration farmer

Mrs. Apeksha Bacchav, a resident of Dhamnar Village in Sakri taluka, Dhule district, has embarked on an exemplary agricultural journey, demonstrating her resilience and innovative spirit in farming.

Owing to her husband's work commitments keeping him away, Apeksha took charge of their 4-acre plot with unwavering determination. Inspired by Women Field Facilitators advocating for the Better Cotton project, Apeksha enthusiastically embraced sustainable farming practices. "I have been associated with LHWRF since 2021-2022, and my role is Lead farmer of the Learning group of farmers. Initially, family members were concerned about what would happen if the yield was low on that plot. They were reluctant to practice intercropping, fearing that planting moong would increase pest infestations and make weeding difficult, among other issues. But Apeksha persisted. "`

With the guidance of the Women Field Facilitators, Apeksha made farming her own passion and became a demonstration farmer in 2023. Initially, she felt a bit apprehensive, but as she continued practicing the BCI methods, her fears and concerns gradually diminished. Apeksha distinguished herself by implementing innovative techniques, achieving remarkable yields, and setting a standard for success. Apeksha also demonstrated her excellent communication skills by sharing her wealth of experience with other male farmers, further enriching the farming community.

"Ever since my field was selected for demonstration, I implemented all the practices myself, resulting in higher yields at lower costs. As a result, I was praised both in my village and at home, and I was honoured by the LHWRF. After practicing sustainable farming, our expenses on pesticides, chemical fertilizers, and weeding have reduced. We increased our yield from 7-8 quintals to 11 quintals an acre. I

also got the opportunity to visit Delhi. Considering last year's yields, my entire family agreed to adopt single-seed sowing and follow all the practices across our entire field this year." Apeksha declares with pride. Her dedication to the cause was recognized when she represented farming community at BharatTex New Delhi, further amplifying her impact and influence. Apeksha now empowers other women to pursue agriculture, fostering self-reliance and community resilience.

When asked of her future plans, she continues saying, "The experience of discussing sustainable farming techniques with the officials from abroad was amazing. Sustainable farming is the need of the hour, and I think all farmers should follow this to save their precious soil. I want to be the role model for all other farmers to enhance the income through sustainable farming and I will ensure my son & daughter continue with the same."





## **Building Resilient Communities**

# LHWRF and Atlas Copco's Sustainable Livelihood Initiatives in Rajasthan and Maharashtra

HWRF and Atlas Copco (India) Limited have established a strong partnership to uplift marginalized communities, particularly in Dholpur, Rajasthan, and the Pune and Nandurbar districts of Maharashtra, in response to the growing challenges posed by climate change and the widespread degradation of natural resources.

In Dholpur, Rajasthan, efforts are concentrated on restoring livelihoods for 1,500 impoverished farmer families through an extensive Water Resource Development initiative across 24 villages. This initiative aims to significantly enhance crop productivity and improve water availability for both people and livestock. By reducing migration through the establishment of micro-enterprises for landless families, it also aims to ensure year-round food security. Expanding cultivation areas while simultaneously recharging groundwater resources are critical components of this project, ultimately striving to create a stable and sustainable agricultural environment.

Meanwhile in Pune, a Sustainable Livelihood Development Program is actively working to improve the livelihoods of 1,580 impoverished families. This program's multifaceted approach includes diversifying agriculture to introduce more robust and varied crops, incorporating

processing and value addition machinery to enhance agricultural output, and improving irrigation systems. Additionally, it focuses on increasing earnings through animal husbandry and off-farm enterprises. The primary objective is to alleviate economic distress by creating more resilient and sustainable livelihoods for these families.

In Nandurbar, Maharashtra, several projects are dedicated to improving the livelihoods of tribal families. One noteworthy project involves the introduction of group well irrigation systems in 25 villages within the Akkalkuwa block. Another project in the Chichpada area of the Navapur block showcases integrated farming practices for 300 families. These projects aim to substantially increase the annual incomes of these tribal families by providing effective irrigation solutions, restoring water harvesting

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structures, and facilitating the cultivation of a second crop. This approach not only enhances agricultural productivity but also reduces the need for seasonal migration, thereby promoting a stable and sustainable livelihood.

Collectively, these initiatives in Dholpur, Pune and Nandurbar aim to significantly improve the living standards and economic stability of thousands of families, fostering a more sustainable and resilient future for these communities.





#### **Power of Cattle Rearing**

At the age of 45, Hanumant Kisan Ghare isn't just milking cows; he's milking opportunities. With dedication and determination, he's leading a dairy revolution in his village, Mulshi block, Pune, Maharashtra.

With the support of Lupin Human Welfare & Research Foundation (LHWRF) and Atlas Copco (India) Ltd., Hanumant bought a jersey cow and transitioned from one cow to a thriving dairy enterprise. His hard work, coupled with a INR 70,000 loan from Maharashtra Rozgaar Hum Yojana, enabled him to build a state-of-the-art shelter, ensuring his cattle are both content and productive.

Hanumant's commitment yields a monthly profit of INR 9,000 from milk sales, contributing significantly to the Milk Centre. Through community collaboration, this cooperative collects 1800 to 2000 liters of milk daily.

Beyond dairy farming, Hanumant's diverse agricultural approach adds to his family's income, saving around INR 80,000 annually. This financial stability supports his children's education, fostering a brighter future for his family.

Looking ahead, Hanumant plans to expand his dairy enterprise, investing in more cattle to boost both milk production and income. His vision is to enhance his family's quality of life and secure a prosperous future for his children.

Hanumant Kisan Ghare's story is a compelling narrative of resilience, determination, and the positive impact of strategic interventions by Lupin Human Welfare and Research Foundation, supported by Atlas Copco (India) Limited. Through sustainable dairy farming and agricultural practices, Hanumant has not only transformed his family's economic status but has also become a beacon of inspiration for the entire community.



# Soil Protection & Rehabilitation for Food Security

## **Integrating Natural Farming Practices for Sustainable Growth**

he agricultural landscape is under tremendous strain. The Covid-19 pandemic, extreme weather conditions, and soaring input prices have led to destabilizing food systems and a dire situation for farmers. The country imports over 50% of its edible oil, urea, phosphates, and potash, heavily relying on costly fertilizers and subsidies. Natural Farming (NF) is transforming agriculture by slashing cultivation costs, reducing risks, and boosting productivity, leading to higher incomes for farmers.

Natural Farming, rooted in traditional indigenous practices, liberates farmers from reliance on purchased inputs by emphasizing biomass mulching, year-round green cover, multi-species green manuring, and on-farm formulations using desi cow dung and urine. These locally produced bio-resources replace inorganic fertilizers, fostering sustainable agriculture. Agroecology, a significant paradigm for addressing food security, ecosystem health, climate risks, and greenhouse gas emissions, increases agricultural yields while offering ecological and social benefits.

Lupin Human Welfare & Research Foundation (LHWRF) is working in partnership with GIZ and Mahila Arthik Vikas Mahamandal (MAVIM),

a state government-owned company.

Together, they are implementing a range of women empowerment programs through Women Self Help Groups (SHGs) in Maharashtra. MAVIM's network of Community Managed Resource Centres (CMRC), which operate on a no-profit, no-loss basis, strive to build democratic governance within these community institutions.

LHWRF's role is pivotal in promoting and setting up these bio resource units, which follow a business model in six districts of Maharashtra. The focus is on vulnerable regions, tribal areas, rainfed agriculture, backward areas with women farmers, and locations with goshala or desi cows. Key activities include setting up Biochar production units, City Compost facilities, BioPROM units, and Jeevanamrut units. To

further this cause, development training is being conducted to equip CMRC members with the skills needed to develop business plans for bio resource units such as city compost, phosphate-rich organic manure (BioPROM), biochar, and jeevamrut. The training highlights the potential of these bio resource units in mitigating climate change, improving soil quality, reducing waste, and producing energy as a by-product.

The success of these bio resource units holds the promise of reducing the excessive use of chemical fertilizers and promoting natural farming practices. It marks a significant shift towards regenerative agriculture, addressing the current challenges head-on.

As farmers embrace Natural Farming, they are not just adapting to change—they are actively leading it. By reducing their dependence on expensive, imported inputs and adopting sustainable practices, they are building a more prosperous future for themselves and the nation. This transformation, led by empowered women and supported by robust community institutions, exemplifies the power of collaborative effort in overcoming the most formidable challenges.



#### **Sustainable Future with Natural Farming**

Alka Shinde, a woman farmer from Adhalgaon, Shrigonda, Ahmednagar District, is fervently committed to natural farming and sustainable agriculture. Understanding the intricate connection between soil health and crop yield, Alka emphasizes the importance of nurturing the soil. "Healthy soil is the foundation for robust, healthy crops," she asserts, stressing the need for enough nutrients to improve soil vitality.

Alka planted beans in her fields, followed by the application of city compost. Within two months, she saw remarkable results during harvest, with high-quality produce fetching favorable prices in the market. Encouraged by this success, she expanded the use of city compost to her cotton, lemon, and pigeon pea crops, observing growth even in her maize fields. Notably, all 175 lemon trees in her 0.75-acre orchard thrived with city compost, yielding an income of approximately INR 1.5 lakhs. Similarly, her half-acre pigeon pea plot flourished with abundant flowers and pods.

Alka actively promotes natural farming among fellow farmers, particularly women seeking advice on sustainable practices. She advocates the economic benefits of natural farming, citing reduced disease risks associated with chemical fertilizers and pesticides, leading to lower input costs and time savings.

Alka's consistent use of city compost has maintained soil health and productivity, demonstrating apparent benefits. Her dedication to natural farming stems from personal experiences. Alka underscores the ecological advantages of natural farming, such as promoting insect diversity and mitigating biodiversity loss, which are crucial for pest control. "Change may be gradual, but preserving fertile, healthy soil is vital for future generations," she affirms. At the Community Managed Resource Center (CMRC), led and

operated by and for women, Alka plays a pivotal role in advocating for natural farming.

City composting involves segregating municipal waste into dry and wet components, which are processed to produce organic manure. Alka highlights its role in enhancing average yields per acre and ensuring soil fertility. "Consumers increasingly prefer organic produce," she notes, citing higher market prices for organic vegetables like brinjal, which can fetch double the rate of conventional varieties. This underscores women's potential as agents for change, translating knowledge into thriving agricultural enterprises.

Alka Shinde's story resonates with the power of community-driven natural farming initiatives, paving the way for a greener, more resilient agricultural future.





# **Integrated Tribal Development Program (The Wadi Model)**

# **Empowering Tribal Communities through Sustainable Livelihood Initiatives**

HWRF in partnership with NABARD has been implementing the Tribal Development Programme through the WADI model to uplift indigenous communities. WADI, meaning "small orchard," is a farming approach that fosters family involvement, especially women, and encourages agro-biodiversity to support tribal livelihoods. The program encompasses soil conservation, water resources development, and horticulture to ensure sustainable living and long-term economic stability. Wadi has evolved as a most successful model of sustainable income to the tribal families.

The project aims to build and strengthen tribal institutions, enabling these communities to actively participate in policy formulation and program execution, ultimately improving their social and economic status.

The project not only promotes fruit orchards but also supports farmers in adopting intercropping practices and developing protective irrigation systems. By cultivating vegetables and flowers, farmers can

earn a steady income from intercropping while waiting for the orchard to mature. Effective water management is achieved through protective irrigation initiatives, including small farm ponds, lined ponds, and drip and sprinkler systems. Additionally, structured backward and forward linkages are established to help farmers achieve better price realization for their produce.

Other livelihood development initiatives support off-farm activities such as poultry and goat rearing, benefiting landless, widowheaded, and economically disadvantaged families. These ventures help mitigate economic risks.



#### **Bandu's Agricultural Innovation Journey**

Bandu Pandurang Randaye's journey embodies the spirit of resilience and the transformative power of agricultural innovation. "I am determined to build a sustainable future for my family," says Bandu, as he stands proudly on his 5-acre farm in Bhivapur block, Nagpur in Maharashtra. His story is one of relentless pursuit for betterment and nurturing growth against all odds. 47 years old, Bandu relied on conventional farming methods, cultivating only soybean and gram seeds. This earned him an income of INR 90,000, which was insufficient to cover his children's education and sustain his family, trapping them in a cycle of poverty and debt. The lack of irrigation facilities further compounded his struggles, forcing him to take crop loans and repay monthly interest, hindering any chance of development.

During a Wadi meeting organised by LHWRF, Bandu learned about an initiative that could transform his farming practices. He embraced the support offered, intercropping with vegetables, cotton, and soybean seeds, well deepening, plastic barrels to store water for easy access during summer, farm input support, and a vermi compost unit to enhance soil structure and fertility. Additionally, barbed wire support helped protect his crops from animal intrusion.

With LHWRF's assistance, Bandu planted and nurtured 25 mango (Kesar), 20 guava, 80 orange, 5 drumstick, and 10 lemon trees, diversifying into vegetable cultivation as an intercrop. His current production includes 25 quintals of soybean, 6 quintals of cotton, 20 quintals of wheat, 1 quintal of pigeon peas, 0.5 quintals of mango, 2.3 quintals of orange, and 0.5 quintals of guava. This diversification has increased his annual income to INR 2,50,000.

Like Bandhu, many farmers in his village have adopted the wadi approach as a sustainable livelihood option. Additionally, they have embraced natural farming methods to reduce costs, relying on organic inputs and sustainable practices. This shift has not only lowered expenses but also led to healthier soil and better crop yields. Bandhu, along with others, has expanded his

vegetable cultivation and horticulture plantation, diversifying his produce and increasing his income.

With the rise in production, the community recognized the need for better marketing strategies. Consequently, they established the Mankaimata Farmers Producer Company Ltd, an FPO (Farmer Producer Organization), to streamline the marketing and distribution of their produce. This initiative received support from the Lupin Human Welfare and Research Foundation (LHWRF), which provided the necessary resources and guidance to ensure the FPO's success. The collaboration between the farmers and LHWRF has empowered the local agricultural community, fostering a sustainable and profitable farming ecosystem.

Bandu has tripled his income, achieved economic security, and successfully repaid his debts. Looking to the future, he plans to create a microclimate conducive to plant growth by building shade houses or poly houses, also known as greenhouse farming.

As Bandu Pandurang grows for tomorrow, embracing nature and rooting in traditions, he cultivates a brighter future for his family, bringing the smile of prosperity to their lives.





upin's commitment to Corporate Social Responsibility (CSR) is deeply rooted in its core values, reflecting a dedication to promoting sustainable and ethical business practices. Lupin recognizes the importance of integrating CSR into its factory locations, understanding that this approach goes beyond immediate needs and contributes to the long-term well-being of employees and local communities. This commitment is channelled through the Lupin Human Welfare and Research Foundation (LHWRF).

Lupin is committed to investing in the livelihoods and well-being of surrounding communities, aiming to build stronger relationships. This contributes positively to the social fabric of the regions where they operate. These initiatives focus on empowering the underprivileged and marginalized sections of society, supporting them with basic infrastructure and establishing a balanced ecological base. Through LHWRF, Lupin has been working at 12 worksite locations spread across 7 states.

Category	Activities —	——— Details ———
	Seed support	678 Farmers
Agriculture	Horticulture Plantation	377 Farmers
	Farm Equipment's	206 Nos
	Irrigation Support	385 Farmers
	Kitchen Garden Development	510 HHs
	Nursery Development & Jasmine Promotion	10 & 243 Farmers







# Contribution towards Environmental, Social, and Governance

upin's emphasis on Environmental, Social, and Governance (ESG) principles is fundamental to building a robust and sustainable organization that benefits all stakeholders in the long term. The company has established a comprehensive ESG framework that steers its sustainable value-creation goals and ESG disclosures. Lupin ensures that its ESG strategy is aligned with its business priorities and global standards.

The ESG objectives are strategically designed and holistic, aiming to effectively contribute to enterprise value creation while enhancing the environment, society, and economy. These objectives encompass both short-term and long-term targets.

Lupin aims to plant 1,600,000 trees by 2025, demonstrating its commitment to environmental sustainability and ecosystem preservation. Lupin Human Welfare & Research Foundation (LHWRF), through various activities, has already showcased its dedication to these goals.

Additionally, 32 water harvesting structures, including check dams and ponds, have been constructed in Dhule and Dholpur, providing a total water storage capacity of 104,000 cubic meters. These projects

were executed through external funding. Moreover, 66,269 trees have been planted across various locations, further emphasizing their efforts towards environmental sustainability.



# **Employee Volunteer Program**

hrough LHWRF, Lupin employees are encouraged to actively participate in various community development programs, fostering a culture of giving back and social responsibility. Employees volunteer their time and expertise in areas such as healthcare, sustainable agriculture, and community empowerment. This direct engagement helps bridge the gap between urban and rural communities, promoting holistic development.

Environmental sustainability is also a key aspect of Lupin's volunteering efforts. Employees engage in tree plantation drives, water conservation projects, and cleanliness campaigns, reinforcing the company's commitment to environmental stewardship.

Lupin's employee volunteering initiatives exemplify its dedication to social responsibility, leveraging the skills and enthusiasm of its workforce to make a tangible difference in society. These efforts not only benefit the communities served but also enrich the personal and professional lives of the employees involved, fostering a culture of empathy, teamwork, and civic engagement.

Total Volunteering Hours achieved 19188

Total Employee
Participation
6244



Attending the employee volunteering programs has offered me numerous benefits. It has enhanced my teamwork and collaboration skills, helping me build stronger relationships with colleagues and improving overall morale. Volunteering has boosted my job satisfaction by giving me a sense of purpose and fulfillment. It has also developed my leadership and problem-solving abilities, contributing to my personal and professional growth. Through the program, I've helped strengthen my company's reputation and community ties, promoting a positive corporate image. Additionally, it has provided valuable networking opportunities, allowing me to connect with like-minded individuals and organizations. Overall, it has made me more engaged and motivated at work. Thank you so much for providing such wonderful platform.

**Executive** – Production, Lupin Manufacturing Solutions Limited, Visakhapatnam

Suresh Sistu

Being a true Lupinyt and inspired from EVP drive, I have been doing my part for society from many years. Let it be making seed balls or contributing to donation drives; I have tried my best to visit NGO's and giving back to society at all times. Even on personal trips, I ensure to carry and throw seed balls in open fields. It has been a delight to be part of cleanliness drives and tree plantations drives. I have been doing best of my contribution to society by managing out time from my commitments of work and home and ensure to make society and environment a better place.

Manager - Purchase, Lupin Ltd. Aurangabad





The success of our Employee Volunteering Program (EVP) is a testament to the incredible spirit of our employees. The dedication and passion they bring to this program is truly inspiring. Seeing them engage wholeheartedly in community services reaffirms our company's dedication to social responsibility.

**Vice President** –Human Resources, Lupin Research Park and Biotech Business HR

Arnabi Marjit

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Every house has a window. The purpose of window is to look at surrounding someone is waiting for you- not only for your help but to realize that you have social responsibilities. EVP is the window of Lupin family.

**Sr. Executive** –Environment, Lupin Limited, Tarapur

Chandrashekhar V. Bandal

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Yogesh Raut
Head - Livelihoods

In 2023-24, we passed the torch of our flagship livelihoods project, Desh Bandhu Jan Utkarsh Pariyojna, to the community. Our role now is to offer guidance and support, ensuring they flourish independently. During our two years of support, the project exceeded its goals, positively impacting 1,150 families, surpassing the target of 850. Farmers and vulnerable communities experienced a 170% income increase, reduced migration, improved access to financial services, and new skills. Additionally, 73% of skilling participants secured employment or started their own enterprises.

Our externally supported projects have also helped create 2,28,141 Cu.M of water storage capacity, contributing to ESG compliance, and brought 1,792 acres of land under orchard development.

At our factory locations, over 6,000 employees dedicated more than 19,000 volunteer hours to tree plantation drives, water conservation projects, and cleanliness campaigns.

As we look to the future, we are preparing for an exciting new phase. Our livelihood program is being restructured with a more focused approach, aiming to uplift the livelihoods of over 20,000 farmers in the next three years.







on-Communicable Diseases (NCDs) are on the rise in India, with cardiovascular diseases being the leading cause of death, followed by chronic respiratory conditions.

Rural communities face challenges in managing NCDs due to limited healthcare access and the high cost of private services, placing a heavy financial burden on families. Women are especially at risk, influenced by socio-economic and cultural barriers, low awareness, and inadequate health-seeking behaviors. Unhealthy lifestyle choices, including poor diets and lack of physical activity, combined with genetic factors, significantly contribute to NCD prevalence. Tackling these issues through focused education and enhanced healthcare access is essential for early diagnosis and effective treatment.

The Lives program places a strong emphasis on establishing an integrated management framework that encompasses not only medical interventions but also lifestyle modifications.

Through this multifaceted approach, the program aims to significantly alleviate the burden of NCDs and enhance the overall health and well-being of the communities

The program is dedicated to systematically enhancing the availability, accessibility, and utilization of healthcare services within local communities. It aims to empower and elevate the health and overall quality of life for community members. This involves implementing measures to ensure that healthcare resources are not only readily accessible but also effectively utilized, fostering a sustainable and positive impact on the well-being of the community.

#### Reach









#### **SDGs Impacted**







## **Major Highlights**

In April '23, the Gap Assessment Study findings were presented to the Director of the Public Health Department, Maharashtra, along with the Lives program outline for Palghar district.

LHWRF's Lives Program entered into a Memorandum of Understanding (MoU) with the Government of Maharashtra in June 2023 to tackle the increasing incidence of Cardiovascular Diseases (CVD) and Chronic Obstructive Pulmonary Disease (COPD) in the Palghar district of Maharashtra. The collaboration aims to prioritize the identification and management of these diseases while striving to reduce their long-term prevalence.

This initiative will span the next five years, initially concentrating on two blocks, Palghar and Dahanu. Key objectives include raising awareness about the risks linked with CVDs and COPD, emphasizing the importance of early screening and diagnosis to avert complications and reduce mortality rates. The endeavor will also advocate for healthy lifestyles and deploy preventive strategies, stressing the importance of early screening, diagnosis, and

adherence to treatment.

Lives Program flagged off its first Mobile Medical Van in July 2023 by Health Minister, Government of Rajasthan. The fully equipped MMV is functioning as a mobile healthcare unit, equipped to deliver a comprehensive range of essential diagnostic services and medical support. This MMV enhances access to screening, diagnostic, treatment, and disease management

capabilities in the Rajgarh, Laxmangad, Reni and Kherali blocks of Alwar. Moreover, as an integral part of the initiative, 18 health camps are conducted twice a month at nine selected health facilities in Alwar district. These camps are staffed by trained MBBS doctors who are supported by dedicated paramedical personnel.

Over 130 street plays have been enacted in project villages to raise awareness about NCDs as part of the Lives program's awareness campaign. Furthermore, more than 500 wall paintings have been completed across the project's various locations.

NCD corners, specialized areas within healthcare facilities, have been established across 9 government health facilities in Alwar.

 Over 18 open gyms were set up in Alwar and Palghar to promote healthy lifestyles. In an effort to reduce the prevalence of COPD, save time, and reduce fuel wood usage, 300 families in Alwar, Rajasthan, as well as Palghar and Dhule, Maharashtra, were provided with smokeless stoves on World COPD Day.





## Beyond the stethoscope: Priyanka and her quest of improving community health

After conducting 650 household visits and catering to a total of 958 patients, Priyanka toils on in her duties as an Auxiliary Nursing Midwife, traveling from one location to another, on any given day. Her primary duties involve measuring Blood Pressure, Blood Sugar Level, height, weight, waist & hip dimensions. Apart from this, on camp days, she also conducts ECG, Spirometery test as advised by the Primary care doctor.

Priyanka is associated with the Lives program, also known as the Desh Bandhu Jan Aarogya Sewa. It strategically addresses the growing challenges presented by Non-Communicable Diseases (NCDs). Its primary focus is on enhancing screening, treatment, awareness and comprehensive management of specific conditions. These conditions encompass cardiovascular diseases (CVDs), Chronic Obstructive Pulmonary Disease (COPD), Asthma and Diabetes in the specified regions of Maharashtra and Rajasthan.

She speaks elaborately during her house visits, explaining particular health concerns that the people might have, their repercussions if left untreated, and suggests further tests in case she feels necessary. Priyanka also advises the people upon making better dietary and nutritional choices, adding exercise to their daily routine, and information regarding any particular disease that is on the rise, as well as about any health camps being organised in their vicinity.

"It takes roughly 15-20 minutes with a regular patient, but for a patient with any high-risk disease or severity of the same, it can take up to 30 minutes." Priyanka notes, highlighting the time and care she invests in each visit.

Priyanka usually takes her seat at the Non-Communicable Diseases (NCD) Corner of CHC Pinan, in Alwar district of Rajasthan, where they do document management and planning, create plans for the next day, read and examine reports regarding follow up and/or referral patients, patient histories and other records while simultaneously catering to the patients who visit there. Following this, she and other ANMs start their journey towards the household visits that are planned for the day.

Priyanka also lists that challenges occur when the people do not seem willing to cooperate with them. "Although people are mostly welcoming to us, in certain households, there are people who do not like the idea of them or their families visiting healthcare centres.

Sometimes they refuse to share personal details fearing fraud or other potential risks."

She explains that some patients are difficult and that it takes time for rapport building and winning their trust before they can go forward with any sort of health check-up. "We have to be careful so as to not hurt anybody's sentiments and speak to them in a sensitive manner. We try to respect their opinions and beliefs whilst giving the best possible medical advice that we can."

Priyanka's work as an ANM is a testament to her dedication and resilience. Her comprehensive approach to healthcare—combining medical tests, health education, and patient counseling—along with her ability to navigate challenges, significantly impacts community health thus underscoring the vital role that ANMs like Priyanka play in bridging healthcare gaps and fostering trust within the communities they serve.



# Community Landscape study in Palghar and Alwar district

# **Comparative insights**

upin Human Welfare & Research Foundation (LHWRF), initiated a community landscape analysis to systematically outline the current health status, disease-related awareness in the sample population current capacity of health infrastructure their strengths, and gaps in health care delivery in the two interventional districts of Palghar and Alwar.

The community landscape study was conducted in eight blocks of Palghar district with a 3,300 sample population. A similar study was conducted in Alwar in the year 2022 including 5121 participants across nine blocks of Alwar district. The community landscape study adopted a mixed-method approach to generate insights about individual health behaviors, comprehensive awareness, health management, and social and institutional factors that affect health outcomes, especially NCDs. The majority of the respondents in Palghar were male (1747, 53%) with 46 years as the average age of respondents. The key findings from the study are described below,

# Reported health status and risk factors

In Palghar, 13% of respondents reported suffering from one or more non-communicable diseases (NCDs). Among these, the most common condition was hypertension, affecting 38% of participants, followed by

diabetes at 27%, asthma at 19%, and COPD at 3%. The prevalence was slightly higher among females (52%) compared to males (48%), with a significant **24% of women experiencing high blood pressure.** 

A similar pattern emerged in Alwar, where 15% of respondents had one or more NCDs and the majority affected were male. Here, hypertension also topped the list at 38%, followed by diabetes at 11%, asthma at 18%, and COPD at 2%.

In Palghar, walking (37%) was the most opted form of physical activity and only a minuscule proportion of respondents engaged in exercises such as running (2%), cycling (1%) gym (1%), etc, and was dominated by males. Similar trends were seen in Alwar, with less than 25% of females participating in exercise but in contrast, a higher proportion of females in Palghar (36%) engaged in physical activity.

## Knowledge regarding NCD symptoms and risk factors

In the sample population, knowledge regarding hypertension and diabetes is more prevalent as compared to COPD, cardiovascular diseases (CVDs), asthma, and stroke. Around 28% of participants mistakenly believe Tuberculosis is a non-communicable disease highlighting **a notable misconception regarding communicable and non-communicable diseases** whereas 52% of respondents were uncertain about the classification of stroke.

Despite the limited knowledge about COPD and Asthma, more than 35% of participants recognize at least four symptoms associated with the disease. The knowledge trends were similar in both genders. **The sample population has a better understanding of the symptoms associated with the disease but has limited knowledge regarding the lifestyle risk factors of the disease.** Respondents recognized several NCDs (Diabetes, CVD, and Hypertension) as hereditary diseases.

Prevention of this disease was majorly associated with not smoking or chewing tobacco and limiting the consumption of alcohol. Other preventive measures such as having a healthy diet, regular exercise, taking adequate rest, taking medicines, and avoiding stress were lesser known among respondents.

Similar findings were observed in knowledge and awareness levels in the Alwar study, where 42% of participants classified Asthma as a communicable disease and recognized the risks associated with occupational exposure to smoke/paintwork, indoor pollution, and outdoor pollution. However, awareness of hereditary factors and lifestyle-related risk factors such as lack of physical activity and unhealthy diet was low for most NCDs.

# Health-seeking Behavior and management from gender Inequity Lens

Several factors influence health-seeking behavior among individuals, it was observed that both men and women exhibit different patterns in seeking immediate medical care once diagnosed with a health condition. Several men responded immediately seeking care (above 45% for different NCD conditions) for the management of these conditions. Notably, many women expressed particular concern about managing household chores if their condition worsened, suggesting that gender norms significantly influence their behavior and motivations for seeking treatment. Those, who did not seek immediate medical attention, cited reasons of perceived severity of the condition, financial constraints, and accessibility of healthcare services.



**24%** of women experience high blood pressure.



49% of respondents prefer private facilities to government and complementary medicine treatment in Alwar.



Preventive measures such as having a healthy diet, regular exercise, taking adequate rest, taking medicines, and avoiding stress were lesser known among respondents.



**37%** of respondents opted for walking as their preferred form of physical activity.



**80%** of respondents prefer government and complementary medicine treatment to private facilities in Palghar.

Furthermore, the data highlights the urgent need for addressing systemic issues such as financial barriers and inadequate healthcare infrastructure, which disproportionately affect certain demographic groups, particularly women.

In Alwar, the majority of respondents preferred private facilities (49%) to government and complementary medicine treatment, whereas in Palghar, the majority (80%) of respondents preferred government facilities. Only 10% of the population responded that they would wait or the symptoms would subside on their own in case of different NCD conditions. As observed in Palghar, similarly, in Alwar, the motivation for health-seeking among women was mainly guided by concerns about managing household tasks more than the early warning signs and symptoms.

## Service delivery and current capacities

In Palghar, accessibility to Primary Healthcare Centers (PHCs) poses challenges, with many located over 12 kilometers away from communities. While the NP-NCD program framework utilizes PHCs for NCD program implementation certain gaps in program delivery hinder the effective implementation of the program. Among other challenges, most primary health centers (PHCs) offer **limited services for diagnosing non-communicable diseases (NCDs).** Consequently, many individuals choose private facilities, which increases their financial burden.

The **availability of human resources poses a significant challenge,** as Medical Officers (MOs) are present at primary health centers (PHCs) for only three days a week. This results in long queues and limited management of outpatient department (OPD) services.

Preventive measures, including Information, Education, and Communication (IEC) materials at primary health centers (PHCs), aim to raise awareness about non-communicable diseases (NCDs) and lifestyle modifications. However, the lack of counseling services poses challenges in effectively promoting lifestyle changes among community members. Digital infrastructure utilization is limited, with only a third of PHCs employing digital record-keeping systems. Challenges include lack of training and internet connectivity.

Training programs under the NP-NCD aim to equip healthcare professionals with knowledge and skills for effective NCD management have been conducted at PHCs, primarily attended by doctors and public health managers. However, there's a recognized need for further staff training to address NCD challenges effectively.



Lack of counseling services poses a significant challenge in effectively promoting lifestyle changes among community members.





# **Building a TB-Free Future**

# LHWRF's Multi-Phase Initiative with NTEP Boosts TB Elimination Drive

HWRF, in collaboration with the Government of India's National Tuberculosis Elimination Program (NTEP), implemented a comprehensive initiative to eliminate TB in Dabasha, Gujarat. This phased approach, aligned with the National Strategic Plan for TB Elimination 2017, focused on community-based interventions under the pillars of "Detect-Treat-Prevent-Build." During the initial phase, LHWRF played a key role by holding meetings with government officials and providing training to ASHA workers. The training equipped ASHA workers and Public Health Centre (PHC) staff to conduct door-to-door surveys, collect data, identify presumptive TB cases, and facilitate medical checkups. In the execution phase, TB cases were diagnosed through sputum tests, X-rays, and CBNAAT, with positive cases treated at PHCs. To ensure continued patient engagement, LHWRF and NTEP offered financial support, including Direct Benefit Transfers of INR 3,000 per patient, supplemented by an additional INR 800 from LHWRF.

In 2023-24, LHWRF shifted its focus to supporting TB testing exclusively. While earlier phases involved extensive training, infrastructure support, and monitoring systems, LHWRF's involvement in the current year has centered on assisting with diagnostics, ensuring that suspected TB cases receive timely and accurate testing. This shift reflects LHWRF's ongoing commitment to the TB elimination program, albeit in a more targeted role focused primarily on testing and diagnostics in its recent efforts.

# Support Through Ni-kshay Mitra Initiative

LHWRF is also committed to supporting the Pradhan Mantri TB Mukt Bharat Abhiyan through the Ni-kshay Mitra initiative, in partnership with the local administration. This program is designed to provide essential nutrition support to tuberculosis (TB) patients over a six-month period, with the aim of improving patient outcomes and contributing to the national goal of eradicating TB. By addressing the critical nutritional needs of TB patients, LHWRF plays a pivotal role in their recovery journey, ensuring they receive the necessary support to regain their health and strength. LHWRF's efforts were recognized by the district administration of Palghar & Dhule in Maharashtra, Visakhapatnam in Andhra Pradesh, and Dhar in Madhya Pradesh for its role as Ni-kshay Mitra Volunteers. In the year 2023-24, LHWRF has provided support to over 2,000 TB patients, reflecting its steadfast dedication to eradicate TB.

# **Strengthening TB Diagnosis**

LHWRF has also supported with six Truenat machines to public health facilities in Pune, Bharatpur, Alwar, Dhule, and Dabhasa distrcit to strengthen the healthcare system's capacity for early TB diagnosis. This initiative plays a crucial role in facilitating effective treatment and controlling the spread of the disease. By equipping these facilities with advanced diagnostic tools, the program ensures timely and accurate care for patients, significantly contributing to improved public health outcomes in these regions of India.

# **Impact Highlights**



### 1,144

patients have benefited from the project



## 2,155

beneficiaries recieved support for Nutrition Improvement



## 745

Training Sessions were conducted for ASHA and ANM workers





Nachiket Sule
Head - Lives

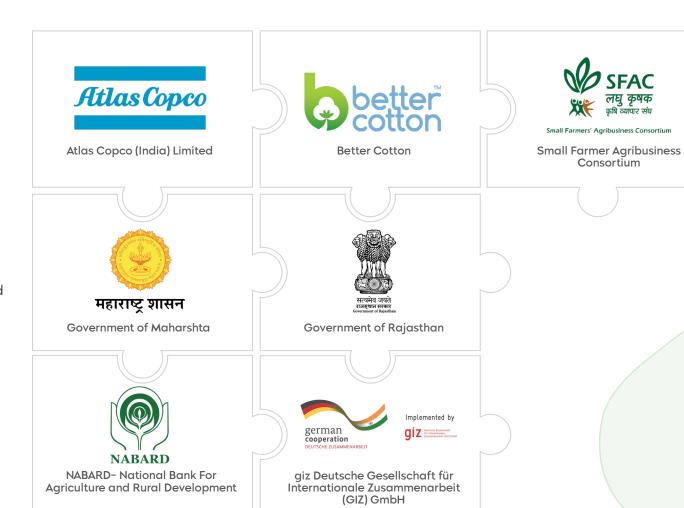
The Lives Program is tackling the escalating challenges posed by non-communicable diseases (NCDs) through a multifaceted approach that emphasizes screening, treatment, awareness, and comprehensive management of specific conditions. Over the past year, we have conducted more than 200 health camps, screened over 25,000 individuals, and established nine NCD corners. Our commitment was further solidified with a Memorandum of Understanding signed with the Public Health Department of the Government of Maharashtra to enhance healthcare services in Palghar district.

We have also introduced a fully equipped mobile medical van that offers a comprehensive range of essential diagnostic services and medical support. As part of this initiative, 18 health camps are conducted twice a month in selected health facilities.

To amplify our outreach, we have organized over 130 street plays and created more than 500 wall paintings, all dedicated to raising awareness about NCDs. In the coming year, we plan to further expand our reach by establishing new NCD corners, targeting new populations in different blocks of the district, and rolling out additional mobile medical vans.

# **Supporters**& Partners

Lupin Human Welfare & Research Foundation remains steadfast in its commitment to fostering strategic partnerships, which are essential to our development journey. We collaborate with government bodies, institutes, like-minded corporates, and non-profit organizations to maximize our impact. In the year 2023-24, we partnered with the following organizations, and we extend our sincere gratitude to all our partners, whose support and collaboration have been pivotal to our progress.



# **Selected Supporters Speak**

We at GIZ India, as part of Indo German Development Cooperation, have had a long and fruitful association with Lupin Human Welfare & Research Foundation (LHWRF) for enterprise-based interventions in natural resource management, starting with the Umbrella Programme for Natural Resource Management (UPNRM), where we together set up biogas solutions for FPO in Sindhudurg, Maharashtra. This was continued through the global project Soil Protection and Rehabilitation for Food Security in India (ProSoil), to set up and operationalise bioresource centres, focused on production of biochar and Bio-PROM. LHWRF has been a wonderful partner to help take this intervention to women Community Managed Resource Centres (CMRCs) affiliated with Government of Maharashtra's Mahila Arthik Vikas Mahamandal (MAVIM). LHWRF worked wonderfully to train and build capacity of these CMRCs, making these interventions a success. We appreciate this partnership, helping us all to work together to solve complex solutions for sustainable impacts.

- Environment, Climate Change & Natural Resource Management Programme Director & Cluster Coordinator, GIZ India

Gerald Guskowski

•••

Atlas Copco (India) Private Limited and Lupin Human Welfare & Research Foundation have forged a longstanding partnership rooted in a shared commitment to uplift marginalized communities. Through CSR collaborative initiatives since 2020, we have been working to enhance the quality of life and economic well-being of these communities in the Pune and Nandurbar regions of Maharashtra, as well as in Dholpur, Rajasthan. Our efforts focus on sustainable development, environmental conservation, and livelihood enhancement. aiming to create lasting positive impacts. Our partnership exemplifies a successful model of corporate social responsibility, demonstrating how collaboration between organizations can drive meaningful change and foster a more inclusive society.

 Vice President Holding, India & Bangladesh
 Managing Director, Atlas Copco India Private Limited [formerly known as Atlas Copco (India) Limited] The collaboration with LHWRF has taught us again that with the right partner even the most ambitious goals are within reach. To each project the LHWRF team brings commitment, dedication, expertise and a collaborative spirit. The work is driven by a genuine passion for making a positive impact while delivering high-quality work. This has elevated the quality of our joint efforts by bringing integrity to the partnership and inspiring confidence. We at Better Cotton look forward to continuing this partnership together and achieving even greater milestones in the future.

 Coordinator – Climate Change and Natural Resource Management,
 Better Cotton – India

Divya Nazareth

Mr. Frans van Niekerk

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# **Insights from Functional Teams**

Our focus has been on enhancing internal communication, promoting a culture of inclusivity, and encouraging crossdepartmental cooperation. We have implemented various initiatives, such as teambuilding workshops, leadership development programs, and collaborative projects designed to break down silos and improve overall efficiency. These efforts have not only increased team cohesion but have also contributed to higher levels of employee engagement and satisfaction, creating a more supportive and unified work environment.

- Senior Manager
Human Resources and Admin

We have been actively working to showcase the impactful work of our programs through diverse communication channels. Our primary focus in the past year has been on capturing these efforts through visual media, such as photos and videos, which we believe can best convey the essence of our initiatives. By crafting compelling stories around these visuals, we aim to create a deeper connection with our audience. These narratives allow us to not only highlight our achievements but also to inspire and engage a broader audience, expanding the reach and awareness of our work and its positive impact on communities.

- Communications Manager

Mitali

Sarkar

Asif Mazumder

We are constantly working to improve our financial systems to ensure that every contribution makes a meaningful impact. We have also formalized vendor payments to enhance transparency and efficiency in our operations. We are committed to managing our finances wisely so that every rupee is spent in the best way possible, helping us provide more support to the communities we serve. Our effort is to ensure a deep sense of responsibility toward ethical financial practices and to strengthen the trust our partners and stakeholders place in us.

- Finance Manager

Madhura Kulkarni

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# **Glimpses of LHWRF Day Celebrations**

# World Environment Day (26th June)







**World Health Day** (7th April)





**Community Day** (26th June)



















World Heart Day (29 September)

# **LHWRF** Foundation Day

(1st to 7th October)













# National Farmers Day

(23 December)











# Women's Day (8th March)



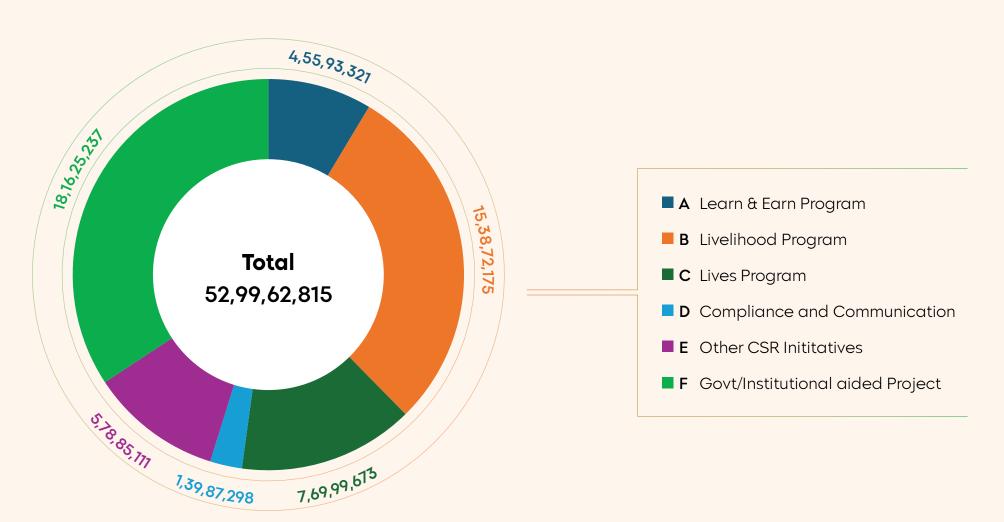


## Seva Divas

(8th February, Birth Anniversary of our Founder)

# **Financial Overview**

# **Expenditure Overview (in Rs.)**



### LUPIN HUMAN WELFARE AND RESEARCH FOUNDATION

#### **BALANCE SHEET AS AT 31ST MARCH 2024**

		FY 2	2023-24	FY 2	2022-23			FY 20:	23-24	FY 2	022-23
LIABILITIES	Schedule	Amount Rs.	Amount Rs.	Amount Rs.	Amount Rs.	ASSETS	Schedule	Amount Rs.	Amount Rs.	Amount Rs.	Amount Rs.
Corpus Fund			311,000		311,000	Fixed Assets Capital Work in Progress	3	65,029,562	72 426 724	55,726,319	
Reserves & Surplus						Capital Work III Progress		7,107,159	72,136,721	2,261,926	57,988,245
Opening balance b/f		284,561,026		158,188,097							
Add/Less: Current year Surplus/(Shortfall)		(43,684,478)	240,876,548	126,372,929	284,561,026	Security Deposit	4		2,375,000	1	981,000
00 0000						Advances given for Programmes/ Other Receivables	5		2,820,615		4,564,729
Grant for Implementation of Specific Projects (from Govt. and other institutions)											
Opening balance B/f		22,444,380		37,302,107		Cash and Bank	6		208,761,977	1	269,146,218
Add: Received during the year		33,179,000		35,680,975				,	1000 000 000 000 000 000 000 000 000 00		
Less: Utilised/project implemented	1	(47,027,383)		(50,538,702)							
Less: Adjustment		(274,358)		-							
Add:Re-clasification		5,962,545	14,284,184	-	22,444,380	Grant for Implementation of Specific Projects Receivable (from Govt. and other institutions)					
						Opening balance b/f Less: Received during the year	7	9,160,968 (136,771,039)		(7,582,709) (121,363,425)	
						Add : Utilised/project implemented Less: Adjustment		134,597,854 (7,641,703)		138,107,102	
Sundry Payables	2	- 2	35,931,206		34,524,754	Add:Re-clasification		5,962,545	5,308,625	-	9,160,968
TOTAL			291,402,938		341,841,160	TOTAL			291,402,938		341,841,160

AS PER OUR REPORT OF EVEN DATE

For B S R & Co. LLP
CHARTERED ACCOUNTANTS

Firm Registration No. 101248W/W - 100022

Sreeja Maran

Partner V

Membership No. 111410

MUMBAI

Date:- 23 September 2024

For LUPIN HUMAN WELFARE AND RESEARCH FOUNDATION

NILESH D. GUPTA

TRUSTEE

Date:- 23 September 2024

**SUNIL MAKHARIA** 

TRUSTEE

Date:- 23 September 2024

#### LUPIN HUMAN WELFARE AND RESEARCH FOUNDATION

#### INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31 MARCH 2024

		FY 20	23-24	FY 20	22-23			FY 20:	23-24	FY 20	22-23
EXPENDITURE	Schedule	Amount Rs.	Amount Rs.	Amount Rs.	Amount Rs.	INCOME	Schedule	Amount Rs.	Amount Rs.	Amount Rs.	Amount Rs.
Expenditure incurred on object of the Trust: Learn & Earn programme Livelihood Program expenses Lives Program expenses Compliance and communication expenses Other CSR inititatives expenses Deficit in Microfinance Schemes	8	45,593,321 153,872,176 76,999,673 13,987,298 57,885,111	348,337,579	23,934,438 116,813,851 28,928,808 10,278,970 71,146,763 34,900	251,137,730	Contribution received towards Programme expenses Donation and Grants Villagers and Community Contribution Bank Interest Other Receipts	10	258,303,000 43,008,209 8,876,094 631,492	310,818,795	338,073,805 32,326,182 4,239,543 2,871,129	377,510,659
Govt/Institutional aided project expenses  Other Adjustments pertaining to earlier years ( Refer Note 11 )	1&7	181,625,237 6,165,694	187,790,931		188,645,804	Govt/Institutional aided project Income	1&7		181,625,237	-	188,645,804
Total Programme Support Organisation Expenses Incurred Less: Expenses apportioned to various Programmes of the Trust	9	86,377,386 (86,377,386)	-	67,743,819							
To Surplus/(Shortfall) carried over to Balance Sheet			(8)		126,372,929	To Surplus/(Shortfall) carried over to Balance Sheet			43,684,478		
TOTAL			536,128,510		566,156,463	TOTAL			536,128,510		566,156,463

AS PER OUR REPORT OF EVEN DATE

For B S R & Co. LLP

CHARTERED ACCOUNTANTS

Firm Registration No. 101248W/W - 100022

Sreeja Mara Partner

Membership No. 111410

MUMBAI

Date: - 23 September 2024

For LUPIN HUMAN WELFARE AND RESEARCH FOUNDATION

NILESH D. GUPTA

TRUSTEE

Date:- 23 September 2024

SUNIL MAKHARIA

TRUSTEE

Date:- 23 September 2024

# **About LHWRF**

Lupin Human Welfare & Research Foundation (LHWRF) is the social responsibility arm of Lupin Limited, founded by Dr. Desh Bandhu Gupta in 1988. In its journey spanning over three decades, the foundation has impacted more than 1.57 million beneficiaries across 4700 villages in 24 districts, spread across eight states in India.

Throughout its journey, the foundation has primarily focused on creating sustainable livelihood opportunities and fostering economic growth in some of the most underdeveloped districts in India. It adopts a family-centered approach and initiates measures to help break the cycle of poverty, thus making a positive impact on the lives and livelihoods of the beneficiaries.

The key drivers of this economic development have been structured, long-term programs and interventions in areas such as agriculture, animal husbandry, women's empowerment, and rural industries.

To ensure that economic development is accompanied by social upliftment and an improved quality of life, the organization has

been working tirelessly in the areas of health and education at the grassroots level. It puts in structured efforts to upgrade local infrastructure, raise awareness, catalyze positive behavioral changes, and provide access to healthcare services for the most marginalized and underserved communities.

The foundation collaborates extensively with various government and non-government partners, international development agencies, and likeminded philanthropic organizations to mobilize additional resources and extend its reach to even more isolated and underserved populations. This effort covers a large majority of landless tribal, scheduled caste, and minority populations in the target areas.



#### **Head Office**

Office No. 201 & 202, Second Floor, Navale IT Zone (phase iii), Survey No. 51, Near Navale Bridge, Narhe, Pune - 411041, Maharashtra Email: infolhwrf@lupin.com

# **Registered Office**

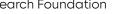
World Trade Tower Barakhamba Lane, Connaught Place New Delhi, Delhi - 110001

#### www.lupinfoundation.in









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