

ANNUAL REPORT

2023-2024

"In a rapidly evolving world, the Tasar Development Foundation remains committed to scaling up livelihoods through Tasar sericulture by empowering producers across the value chain and conserving Tasar eco-races and their natural ecology. This annual report highlights our strategic approach and achievements in realizing these goals."

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From the Desk of CEO,TDF



As we look back on the year 2023-24, we take immense pride in the progress and milestones we have achieved in advancing Tasar sericulture as a sustainable livelihood option for forest fringe communities. This year has been particularly significant for the work of TDF, as we have made substantial strides in addressing both environmental and economic challenges through innovative, community-centred solutions.

Our continued commitment to demonstrating and expanding sustainable livelihood models has been at the heart of our efforts. With the increasing pressures of industrialization and deforestation, along with forest based silkworm rearing we have adapted our strategies to ensure that Tasar sericulture thrives outside the forest ecosystem. One of the most noteworthy developments has been the model for raising Tasar host plants on privately owned waste lands, government barren lands, and open forest lands. This initiative has not only contributed to the growth of the Tasar sericulture industry but has also opened new avenues for carbon sequestration, attracting increasing investment in the carbon market.

Our partnerships have been central to our success this year. The strengthening of our collaboration with DMF Keonjhar and DoS, Odisha, has been invaluable, as we signed new MoUs with DMF Keonjhar to further scale up the Tasar host plantation program in the Banspal and Jhumpura blocks. This cooperation, coupled with the on-going support from DMF Jajpur, has driven new standards in Tasar seed and cocoon production in Jajpur district. These collective efforts are laying the foundation for the continued growth of the industry in Odisha. Furthermore, our collaboration with CSL has allowed us to extend our reach into Madhya Pradesh, expanding the Tasar host tree plantation model to new regions.

Our focus on strengthening community-based institutions has been vital to ensuring the scalability of our efforts. Support of IMEDF to our producers' collective in West Bengal has provided a lot of impetus in our operations in the post cocoon sector and market linkages. This growth, coupled with our strengthening of local community institutions, is ensuring that the benefits of Tasar sericulture are reaching more and more households.

Equally important has been our focus on innovation and adaptability in the face of climate change. This year, in collaboration with CTR&TI, Ranchi we initiated joint field trials to re-evaluate and optimize the brushing and pruning schedules for Tasar sericulture, aligning them with the changing weather patterns. Our commitment to research and development is ensuring that the Tasar industry remains resilient and sustainable, even as global climate conditions continue to evolve.

As we continue to grow and evolve, we are deeply grateful to our dedicated teams, community partners, and all stakeholders who have supported us on this journey. Your unwavering commitment to the cause of sustainable sericulture has made this success possible.

Looking ahead, we are optimistic about the future and remain committed to expanding our impact, strengthening local economies, and contributing to environmental sustainability. Together, we will continue to lead the way in promoting Tasar sericulture as a thriving, climate-resilient livelihood option for generations to come.

Best Wishes

A handwritten signature in black ink, appearing to read 'Shamshad', written in a cursive style.

[Md. Shamshad Alam]

CEO,TDF



Genesis and Existence-

The Tasar Development Foundation (TDF) is a pioneering hybrid institutional entity established in 2013 to revitalize and strengthen the Tasar sericulture sub-sector. Registered under Section-8 of the Companies Act, 1956, on November 5, 2013, in the National Capital Territory of Delhi, TDF is a private limited company with a 12A certificate, dedicated to non-profit activities.

TDF operates as a sector-support organization, leveraging its unique expertise in Tasar sericulture to implement various programs and initiatives. Currently, TDF has an active presence across four states – Bihar, Jharkhand, Odisha, and West Bengal – where it promotes Tasar sericulture as a sustainable and scalable livelihood option for marginalized communities.

The Tasar Development Foundation continues to demonstrate its commitment to revitalizing the Tasar sericulture sector. By addressing systemic challenges and fostering innovation, TDF aims to create a sustainable, inclusive, and scalable ecosystem for Tasar silk production. The organization remains steadfast in its mission to uplift forest-based communities and establish Tasar sericulture as a viable and dignified livelihood option.



Objective of Tasar Development Foundation



1. **Expand Livelihood Opportunities for Primary Producers**
 - Innovate and adapt technologies and practices to enhance productivity and efficiency.
 - Develop an integrated value chain encompassing production, processing, and marketing functions to ensure sustainable livelihoods.
2. **Strengthen Critical Production Inputs**
 - Ensure the consistent production and supply of high-quality Tasar seeds to improve cocoon productivity.
 - Address raw material supply challenges by implementing sustainable practices and scalable solutions.
3. **Build and Strengthen Producer Institutions**
 - Establish and reinforce institutions for primary producers to streamline production systems.
 - Facilitate economies of scale in production clusters, making operations cost-effective and efficient.
 - Attract capital and market services to underserved, remote rural areas.
4. **Align and Broaden Stakeholder Engagement**
 - Foster collaborations across stakeholders, including government, private entities, and community-based organizations, to create an enabling ecosystem for growth.
 - Promote collective efforts to address challenges and scale innovations in the Tasar sector.
5. **Develop and Retain Skilled Human Resources**
 - Invest in capacity-building programs to nurture and retain competent professionals within the sector.
 - Encourage knowledge sharing, skill enhancement, and leadership development to bring fresh perspectives and raise industry standards.
 - Open new avenues for growth through research, innovation, and training programs.

Critical Gaps filled by TDF in ground level

Activity

Tasar Host Plantation Management

Seed Cocoon Production Technology

Seed Production Technology

Commercial Cocoon Production in the natural Forest

Yarn and Fabric Production

Critical Gaps

- Constraint of Seed Zone
- Availability of block plantation

- Fragmented production base
- Low productivity
- Unavailability of quality seed
- Low penetration of technology

- High dependence on Govt. establishment
- No entry of private entrepreneurs
- lack of infrastructure
- lack of skilled human resources.

- Unavailability of quality seed.
- Uncertainty in production
- Highly un-organised market
- High portion of realization retained by traders
- Climate Change

- Relied on tradition knowledge
- Unavailability of high machine
- Lack of organised market
- Dependency on big traders.



A brief description of TDF's Intervention

****Jharkhand****

✓ **Strategy:**

- Area saturation mode in potential blocks.
- Godda, Dumka and Saraikella district fully saturated based on the existing host flora available.
- Focus on the increasing the host flora through raising tasar host plant block plantation.
- Collaboration with the research institution to address the issues of climate change on sericulture.

✓ **Support to JSLPS:**

- Extending technical and basic seed supply support.
- Training and capacity building for Producer Groups (PGs).
- Building new proposal to strengthen community organization, rejuvenation of existing forest to enhance the rearing capacity of individual family and with a focus on the marketing



****Odisha****

✓ **Challenge:**

Limited outreach due to lack of human resources in state co-operatives.

✓ **TDF's Intervention:**

- Mobilized funds from DMF to raise plantation on the Govt. wasteland.
- Increased the sericulture families by giving tree *patta* to a families for livelihood activities.
- Promoted intercrop in plantation for the gainful engagement of families right from beginning till the maturity of plantation for silkworm rearing.
- Strengthened seed sector by raising block plantations for seed production.



****Bihar****

✓ **Strategy:**

- Building Bihar as Seed Hub. There is no intervention of State Sericulture Department in preparing seed. Fully dependent on TDF.
- Shifting 100% seed crop rearing in the block plantation to maintain quality seed stock and replenish the seed stocks of other states.

✓ **TDFs intervention**

- 60% seed cocoon production done in the block plantation.
- Strengthen Nucleus seed production management.
- Supplying nucleus seed to Jharkhand, WB and Odisha.
- Enhanced infrastructure for seed production
- Preservation of TV seed cocoon for first crop, multiply and supply the seed to WB and Odisha for further multiplication.



****West Bengal****

✓ **Challenges:**

- Sericulture department merged with agriculture department.
- Sericulture not a priority area.

✓ **TDF's Initiatives:**

- Focus on making WB self reliant on seed sector
- Strengthened sericulture activities through SFURTI project.
- Initiated yarn production activities with landless families.
- Successfully expanded Tasar activities under SFURTI.
- Strengthen infrastructure under SFURTI project.
- Weaving activities initiated in a Common Facility Center (CFC)
- 10 looms with all the facilities created (Such as design development, warping, cone making, bobbin filling etc.) in a CFC



****Madhya Pradesh****

✓ **Collaboration with CSL (Congnisphere Solutions Limited):**

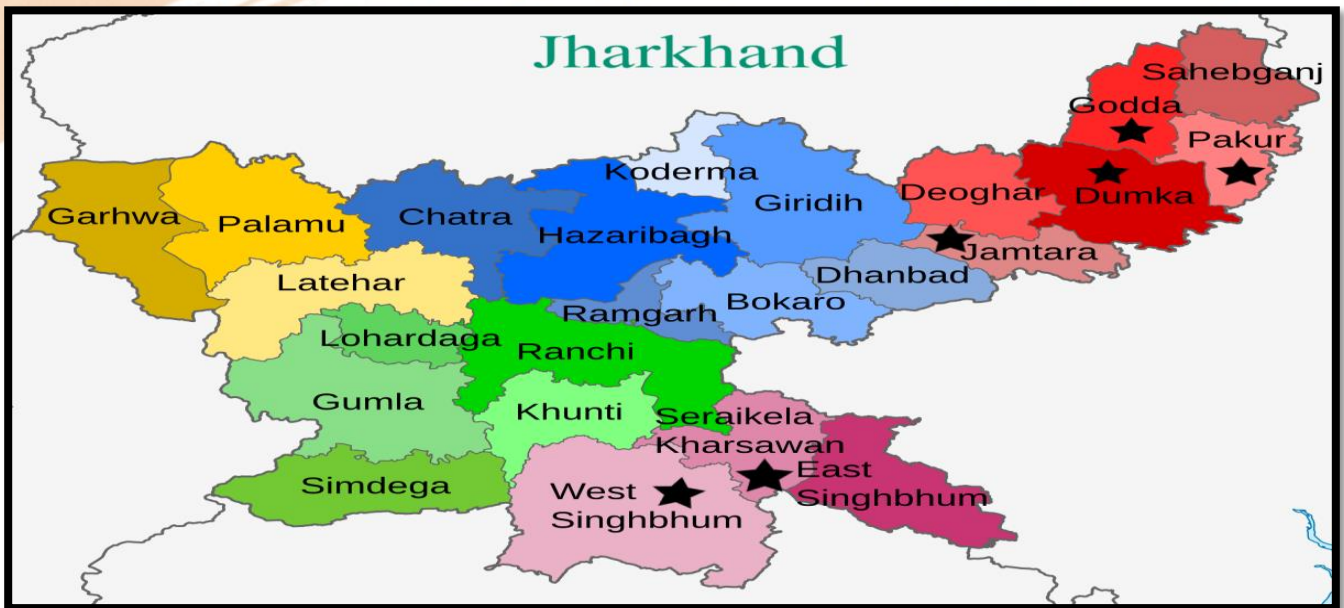
- Provided technical support for carbon-based projects right from exploration of potential geography to the raising of host plantation.
- Utilized barren wastelands as productive assets for tribal communities to provide long term assets for livelihood activities.
- Established Tasar value chain and supported plantation efforts.



Our Projects

SL No.	Name Project	Funding Agency	Budget (Lakh)
1	Livelihood enhancement of people in mining affected areas of Keonjhar through plantation of Tasar Host Trees “Asan & Arjun”	DMF, Keonjhar	728.28
2	Livelihood enhancement of people in mining affected areas of Keonjhar through plantation of Tasar Host Trees “Asan & Arjun” in Basapal	DMF, Keonjhar	2374.66
3	Livelihood enhancement of people in mining affected areas of Keonjhar through plantation of Tasar Host Trees “Asan & Arjun” in Jhumpura	DMF, Keonjhar	1628.28
4	Revival of Tasar Sericulture and livelihood enhancement of Rearers of Jajpur	DMF, Jajpur	110.45
5	TASAR-A Way Forward to Lives in Jungle Mahal Cluster, Jhargram and Bankura District, West Bengal	IMEDF (SFURTI)	30
6	Region and Reason Specific selection of Pruning and brushing schedule for Tasar food plants and silk worm protection.	CTR & TI, Ranchi	11.2
7	On field trial and on Station trial of Technology under project	CTR & TI, Ranchi	3.03
8	Documentation and validation of indigenous Technical knowledge in Tropical Tasar Zone	CTR & TI, Ranchi	2.6
9	Support in Plantation Raising and strengthening the community institutions	Cognisphere Solutions Ltd	170
Total			5,058.50





Jharkhand is the highest tasar producing state in India and TDF contributes significantly in the production system through various means. TDF has raised large chunk of block plantation in Godda, Dumka and West Singhbhum districts of Jharkhand. A large number of infrastructures have been created such as seed production units, cocoon bank, yarn bank etc. to strengthen the livelihood of tribal through sericulture. The human capitals built by TDF have been providing services to the sericulture practitioners. All these efforts made the Jharkhand self reliant in the seed sector.

In the last three years more than 2000 hac of plantation raised on privately owned barren lands in Jharkhand will add more value in the seed sector. They will not only strengthen the livelihoods of 2000 families through Sericulture in Jharkhand but also in the adjacent states through supplying quality DFLs. The experienced human resources of Jharkhand have been helping Cognisphere Solutions Ltd (CSL) a strategic partner of TDF to expand the activities in the new geography of Jharkhand and Madhya Pradesh, where sericulture was not being practiced traditionally.

TDF has built Jharkhand a hub for the experimentation and piloting of livelihood models in Tasar sericulture. The climate change has significantly impacted the sericulture and TDF in collaboration with CTR&TI developing revised schedule to initiate the silkworm rearing. The experiment has been completed and the schedule will be published this year before the start of crop.

TDF is actively engaged with the CSB scientist to improve the quality and productivity of Tasar yarn. Various experiments have been taken up mainly to produce varied quality of yarn to fulfill market demand.



“Tasar is great opportunity to make substantial Income within a short time, but the quality of DFLs is Critical”

TDF implemented diverse Tasar-based activities across seven districts and 17 blocks in Jharkhand during 2023-24. This year TDF has raised 90 hectares of Tasar host plantation directly in Jamtara district and supported CSL in raising 1000 hectares plantation in Simdega and Gumla district of Jharkhand. The seedlings were transplanted on barren and unproductive uplands belonging to tribal families under carbon projects. These plantations are being developed as sustainable livelihood assets for the tribal communities, providing a reliable source of income in the near future while reducing their dependence on migration during off-seasons.

The initiative not only offers daily wages to tribal families through plantation and maintenance activities but also contributes to environmental conservation. The planted Asan and Arjuna trees are effective carbon sequesters, playing a significant role in mitigating climate change while simultaneously supporting livelihoods. This dual-purpose intervention highlights TDF's commitment to empowering tribal communities and fostering sustainable development.

TDF streamlined the quality DFL production in Jharkhand through three district level Farmer Producers' Organization spread across three districts Dumka, Godda, West Singhbhum.

The DFLs produced from these BSPUs are very popular in terms of quality and getting premium price. The protocol for seed production in the private sector first time demonstrated by TDF and thoroughly reviewed by CSB scientist

Name of the Producers' Organization	No. of cocoons processed	No. of DFLs produced	No. of Rearers supplied
Aven Tasar Kit Palak primary Co-Operative, Dumka	22,19,789	4,36,155	1989
Ekta Tasar Vikash Trust, Godda	18,31,800	3,55,544	1728
SinghbhumSarjomba Tasar Vikash Trust, West Singhbhum	6,16,390	70,564	995



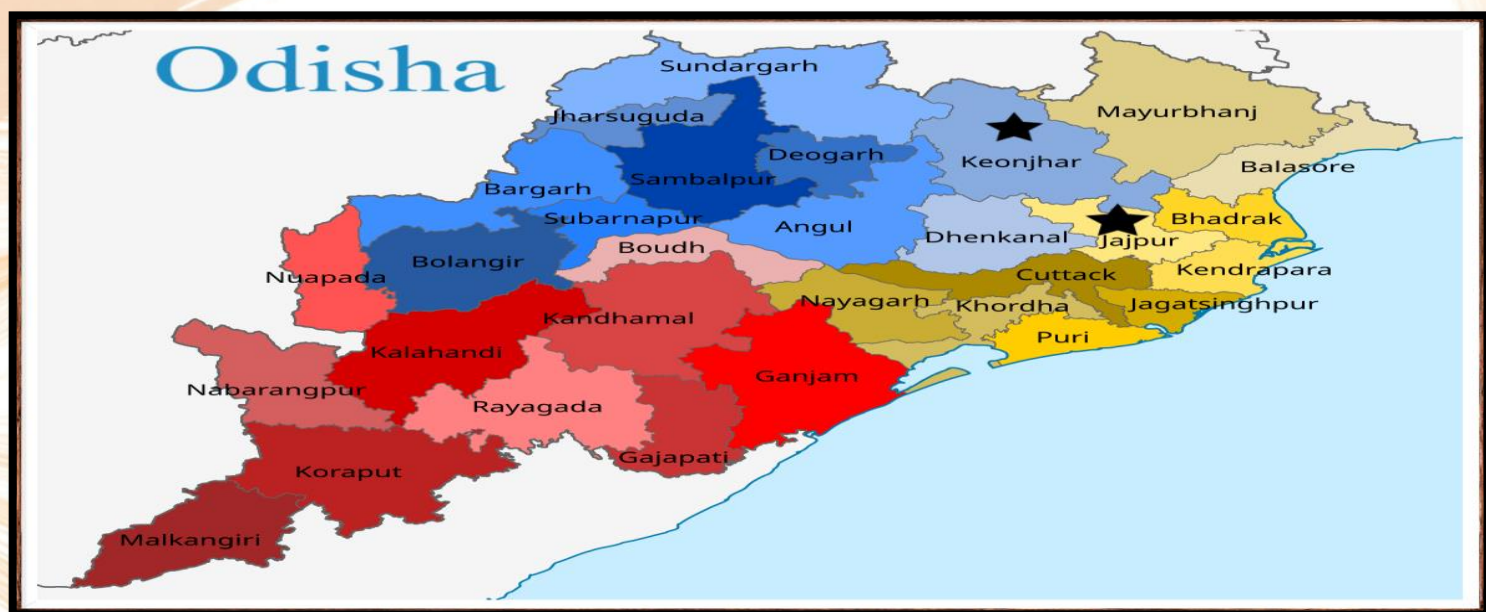


In Bihar, Tasar seed production is carried out under the close monitoring of TDF, ensuring high-quality Disease-Free Layings (DFLs). Through TDF's interventions, the production of quality DFLs has been streamlined in Basic Seed Production Units (BSPUs) and small grainage facilities established at the village level. The Farmer Producer Organization (FPO) in Bihar; *Vanwashi Tasar Kitpalak Primary Self supportive Co-operative*, successfully produced 4,24,100 DFLs from the processing of 21,76,000 seed cocoons. These DFLs were utilized in various blocks across Bihar, with surplus quantities supplied to other states, showcasing the scalability and efficiency of the production system. The Vanwashi Tasar Kit Palak Cooperative, Bihar, achieved remarkable success, surpassing a turnover of 1.45 crore in the last fiscal year, highlighting the project's impact on economic empowerment and growth.

Additionally, the research project titled "Region and Season-Specific Selection of Pruning and Brushing Schedules for Tasar Food Plants and Silkworm Protection" was implemented in Katoria and Chandan blocks. Under this initiative, Community Resource Persons (CRPs) collected detailed data from rearers following various pruning schedules. This data is instrumental in determining the optimal brushing schedule for Bivoltine and Trivoltine Tasar silkworms, contributing to the development of region-specific, sustainable practices for Tasar sericulture.

Due to non-active engagement of Govt. sericulture department in cocoon production and marketing, the producers are fully relied upon their own cooperative. Along with ensuring supply of quality silkworm seeds the cooperative provides the required prophylactics to the rearers and seed producers. The co-operative also ensures the fare price discovery of the cocoons produced by the rearers in the market by declaring a base price of the cocoons.





TDF's strategic engagement in Odisha is focused on developing tailored made solutions to address the diverse socio-economic challenges of the state, particularly in its rural and tribal-dominated regions where Tasar sericulture is a key livelihood activity. By implementing targeted initiatives, TDF has significantly strengthened the Tasar-based livelihood systems in Odisha. These efforts have streamlined Tasar sericulture operations, ensuring tribal communities access high-quality Tasar seeds for rearing, leading to better yields and fair prices for their seed cocoons. Additionally, rural women have been empowered through income-generating opportunities in post-cocoon activities such as reeling and spinning, fostering economic independence and enhancing the sustainability of the Tasar value chain in the region.

TDF has been implementing two projects in the Odisha one in Kendujhar and other in Jajpur district for the socio-economic improvement of the tribal with support of District Mineral Foundation. The projects are implemented in the 3 blocks (2 blocks in Jajpur district and 1 block in Kendujhar district)

The *"Revival of Tasar Sericulture and Livelihood Enhancement of Tasar Rearers"* project, supported by the District Mineral Foundation (DMF), Jajpur, marked a significant milestone this year in boosting Tasar sericulture activities. The project achieved remarkable success in Disease-Free Layings (DFL) production and commercial cocoon yields.

Through TDF's interventions, Tasar rearers adopted sustainable practices, leading to enhanced productivity and income. The joint efforts of TDF and DMF were further recognized when the Sukinda TRCS received the 1st prize for Tasar cocoon production at the national level. Rearers reported an impressive output of over 80 cocoons per DFL, with natural rearing yielding more than 60 cocoons per DFL.

Type of Rearing	No. of Rearers	No. of DFLs used	No. of cocoons produced	Average Cocoon/DFL
1 st Crop TV (Seed cocoon)	8	1,240	76,638	61
2 nd Crop TV (Seed cocoon)	47	8,463	4,87,920	57
3 rd Crop TV (Commercial Cocoon)	252	59,135	47,53,576	80
Total	307	68,838	53,18,134	77



A dedicated seed production group, *Maa Tarini Tasar Utpadak Sangh*, was established at block level, comprising representatives from all village-level producers' groups in the Sukinda block. Under the guidance of the Tasar Development Foundation (TDF), this group has successfully managed seed production activities utilizing the Pilot Project Centre (PPC) at Mangalpur and the seed production infrastructures available in the premises of Tasar Rearers co-operative Society, Sukinda. This year approximately 1.7 lakh Disease-Free Layings (DFLs) were produced which not only met the requirements of the project but also led to surplus supply to the neighboring districts in Odisha supporting the overall increase in the raw silk production of the state. This achievement underscores the group's capabilities and highlights the project's significant impact on strengthening the Tasar sericulture value chain.

Type of Grainage	Quantity of seed cocoons processed	No. of DFLs produced	DFLs used in Own project area	Surplus DFLs supplied to outside project area
2nd grainage TV	73300	27243	8463	18780
3rd Grainage TV	456000	149145	59135	90010
Total	529300	176388	67599	168790



Under the project ***"Livelihood Enhancement of People in Mining-Affected Areas of Kendujhar through Plantation of Tasar Host Trees - Asan & Arjun"*** supported by DMF Keonjhar this year the 300 hectare of Tasar host tree plantations raised on revenue waste lands were maintained to develop a sustainable productive assets for the beneficiary families. The convergence based plantation maintenance programme through MGNREGS provided the beneficiaries alternate employment opportunities while supporting the healthy growth of the trees. During the gestation period of the plantation, beneficiaries utilized the space between plantation rows for vegetable cultivation, taking advantage of available irrigation facilities for Rabi crops. This intercropping not only met their daily nutritional needs but also generated additional income through the sale of surplus produce in local markets. This multi-layered approach has not only strengthened household livelihoods but also ensured the sustainable development of the Tasar plantation ecosystem.



TDF is implementing a research-based project titled ***"Region and Season-Specific Selection of Pruning and Brushing Schedules for Tasar Food Plants and Silkworm Protection"*** in collaboration with Central Tasar Research and Training Institute (CTR&TI) of Central Silk Board. The Project is implemented in Telkoi and Banspal block of Keonjhar district with a focus on identifying the most effective pruning and brushing schedules for Tasar host plants, tailored to the unique regional and seasonal conditions.





West Bengal

In West Bengal, TDF operates across two districts and three blocks, focusing on enhancing Tasar sericulture-based livelihoods. A plantation project was successfully implemented in two blocks, while TDF actively monitored the rearing activities to ensure quality outcomes. The community institution, *JunglMahal Mahila Tasar Chasir Dal Community Trust*, plays a pivotal role by producing high-quality Disease-Free Layings (DFLs) to meet the needs of the tribal communities whose livelihoods are deeply intertwined with Tasar sericulture. This integrated approach has strengthened the local Tasar value chain, providing sustainable opportunities for the region's tribal families. In 2023-24 the BSPU in Shayamnagar and other small seed producing units produced managed by the community institution produced 212,200 DFL from the 925,100 seed Cocoons.

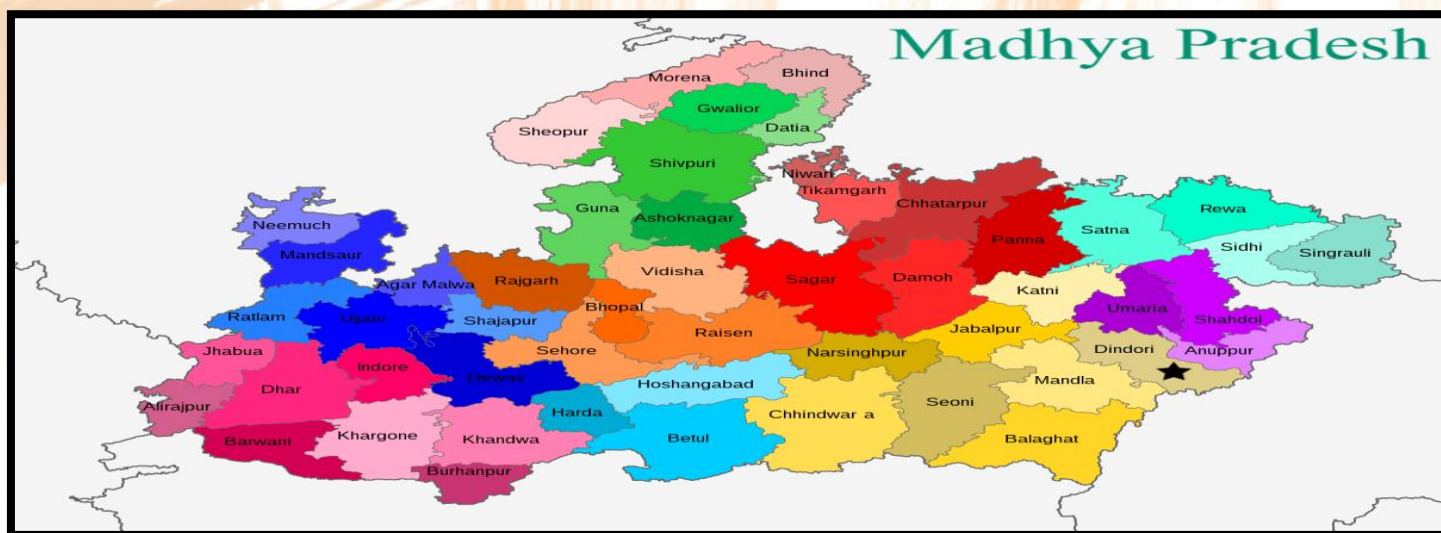
This year marked the second year of the project titled *"Tasar – A Way Forward to Transform Lives in JunglMahal."* The project, implemented in the JunglMahal cluster of West Bengal, aims to create a circular economy where all activities, from forest to fabric, are interconnected and self-sustaining. TDF has provided technical support for the project's successful



implementation, working in partnership with the Special Purpose Vehicle (SPV) formed by PRADAN and the Jungl Mahal Mahila Tasar Chasir Dal Community Trust.

This year, the project supported 975 families through capacity-building programs. These programs equipped them with skills and knowledge in seed production, seed cocoon production, commercial cocoon production, yarn production and fabric production technologies.

As a result of these efforts, yarn producers in the region have started large-scale yarn production, including both reeled and spun yarn. In 2023-24, 327 yarn producers successfully produced 1207 kg of reeled yarn and 142 kg of spun yarn. The project also facilitated the procurement of 10 lakh cocoons by the SPV, which were used as raw material for yarn production. This support has helped local producers increase their production, improve the quality of their products, and access larger markets for both reeled and spun yarn.



Madhya Pradesh-

TDF is providing technical and managerial support to Cognisphere Solutions Ltd. (CSL) in Madhya Pradesh to establish Tasar host tree plantations on degraded, barren, privately-owned waste lands. This year, CSL successfully raised plantations across 300 hectares in the non-traditional Tasar sericulture belt of Madhya Pradesh. These lands, which had remained unproductive for many years, were mostly un-bonded, un-terraced, and had suffered significant topsoil erosion.

TDF has played a crucial role in planning and executing the plantation program, including the preparation of 4 lakh high-quality seedlings needed for the plantation. These seedlings were sourced through producer institutions from Dumka and Godda districts in Jharkhand. TDF's experts assisted CSL in identifying suitable plots for Tasar host plant cultivation, as well as in selecting and training local human resources for the plantation activities.

Additionally, TDF facilitated the promotion and development of village-level community institutions, which empowered beneficiary families to manage and sustain the plantation projects. To further motivate the families, TDF organized exposure visits to well-established Tasar host tree clusters in Jharkhand. These visits showcased the potential benefits of cultivating Tasar host trees on fallow lands, highlighting the opportunity to create a productive and sustainable livelihood asset.

Through this collaboration, TDF and CSL are not only improving the livelihoods of local communities in Madhya Pradesh but also contributing to the rehabilitation of degraded lands and the expansion of Tasar sericulture in the region.



Technology Transfer to the Community

In order to facilitate smooth adoption of technology among different groups of producers, there is a focus on creating required technical skills to build self-reliance in the community to manage technologies and management systems in the long run.

TDF has set up two resource centers one in SanthalPargana cluster (includes Dumka, Godda, Pakur, Jamtara district of Jharkhand & Banka district of Bihar) and another one in Kolhan cluster (includes West Singhbhum, East Singhbhum and Saraikelakharsawan districts of Jharkhand). The cost of setting up resource centers and training cost has been provided by the Central Silk Board (CSB). Each center provides training to 150 women cocoon producers and seed producers in a year.

In addition to that each FPO prepares its own plan for training and capacity building of its members on the improved practices of Tasar sericulture. Major focus remains on developing new Microscopists who can be engaged for moth examination for disease identification in the grainages to increasethe pool of resource persons along with trainings to the seed cocoon producers to improve the quality of the seed cocoons. FPOs bear all the cost of organizing these raining events from their own resources. The trainings are provided by a group of Trainers built by TDF through series ofToT (Training of Trainer) trainings.

The FPS also organise some need based training with support of TDF personnel to transfer technologies of tasar silk worm rearing in areas with relatively low cocoon production.All the FPOs have basic infrastructure to provide residential training to the producers.



Post Cocoon Activity



Tasar cocoon processing activity, which is traditionally a subsidiary to the weaving activity and confined to the weavers family only where the yarn producers (the wives of male weaver) operated in an undignified work environment.

In contrast to the traditional method, TDF promoted tasar yarn producers away from the traditional area in the cocoon production cluster itself. TDF start the activity in poorer pockets mainly with those families to going out to do MGNREGA work or landless. Unlike traditional, TDF provided the motorized machine in their individual household to work over machine whenever she is free from household work.

Four different type of machines has been provided to the producers to produce varied quality of yarn as per the need of market. With this interventions, the idle women getting regular income that had increased her say in the family. On an average a family earns Rs.4500/- per month from this activity. This is good opportunity for the family to utilize the idle human resources for income generating activity.

The raw materials are provided by cocoon bank and the yarn is purchased by the Yarn bank on the pre-decided rate. The producers get conversion charge. Presently, the activities are going one in two cluster; one in Santhalpragana region of Jharkhand and Bihar and the other one is in Jungle Mahal cluster of West Bengal. 400 yarn producers are engaged in the activities in both the clusters.

Success story

“I am also a microscopist who can test silkworms under the microscope and identify the healthy ones from the diseased ones. I feel very fortunate to have the opportunity to become a microscopist as well as a woman Tasar rearer who produces high-quality seed cocoons. I hope to become a role model for other women in our locality.”



From Struggles to Success: A Tasar Story of Transformation

Sajani Bage, a widow from the village of Pubal in Sukinda block, Jajpur district of Odisha has rewritten her story of survival into one of empowerment and success. Life was challenging after the loss of her husband, but Sajani continued engaging in commercial Tasar rearing to support her family. She was sourcing Tasar seeds from TRCS Sukinda, yet her production results were often disappointing, leaving her with limited income and a bleak future.

In 2022, her fortunes began to change with the introduction of a Tasar sericulture project in her village by TDF funded by DMF Jajpur. The project encouraged her to allocate a portion of her rearing field for seed crop rearing, a new venture for her. With dedicated support, training, and guidance from TDF, Sajani started cultivating both 2nd crop seed rearing and commercial rearing. This marked the beginning of a transformational journey for her.

By 2023, Sajani had become an active member of the Seed Producer Organization in Sukinda, sourcing high-quality DFLs (Disease-Free Layings) from the organization. From just 150 DFLs, she produced an impressive quantity of 11,396 seed cocoons, averaging 76 cocoons per DFL. The seed cocoons were then processed in the commercial grainage, affirming her contribution to the larger Tasar sericulture ecosystem.

In addition to seed crop rearing, Sajani undertook commercial rearing with 450 DFLs. After two and a half months of dedication and hard work, she harvested an outstanding quantity of 35,360 commercial cocoons, achieving an average of 79 cocoons per DFL. She sold these cocoons to TRCS, Sukinda, earning ₹1,39,049 from the sale.

Sajani's success has not only elevated her economic standing but has also transformed her quality of life. She utilized her earnings to ensure her children's education and fulfill a long-cherished dream of building a pucca (concrete) house for her family.

Sajani Bage not only the women rearer who produced good number of cocoon but also as a microscopist she testes the moths under microscope to produce quality silkworm seeds. She has also started to produce silk yarn as areeler from the reelable cocoons during non tasar season as an additional livelihood option.

Her journey from struggle to success showcases the profound impact of Tasar sericulture on rural livelihoods. Sajani Bage stands as a beacon of hope and inspiration, proving that with the right support and determination, one can overcome even the most challenging circumstances.

Turning unproductive land into a productive asset



Village Bhilaikander comes under Kathikund block of Dumka District. The village has 2 hamlets and inhabited by 70 families belong to Santhal tribe. The majority of these families depend on seasonal migration for livelihood, with at least one or two members from each household seeking work to support their families. TDF has started working in the village in 2020.

A series of meetings were conducted with the villagers in Bhilaikander in order to generate viable livelihood options for the villagers. The idea of raising Tasar host tree plantations and thereby creating income opportunities from Tasar silkworm rearing was accepted by the villagers as a viable proposition given the fact that the land of the village was considered uncultivable for a long period.

Turning unproductive wasteland into productive land had been established in surrounding villages where 100 hac. Of plantations were done from various Govt. financial supports from 2012 to 2016 and used for silkworm rearing successfully.

The selected plot in village Bhilaikander was owned by 19 families. The plot, in the upland areas, was lying mostly fallow for over 2 decades and was subjected to severe soil erosion. The villagers were motivated to deploy this land for raising Tasar host tree plantation. Such plantations take 3-4 years to be ready for hosting Tasar silkworm that could offer a sustainable source of income to the poor villagers. Additionally, the villagers thought of meeting their fuel wood needs by collecting plant twigs after the harvest of Tasar crop. Moreover, it was felt that the plantations in the upper ridges would check soil-erosion that was also filling the nearby water bodies with silt.

TDF take up Tasar host plantations under the Project Arjuna of Livelihood Venture for the development of Tasar sericulture. The list of farmers was drawn up and the plot was surveyed for ascertaining ownership and for estimation of overall work.

A total of 27,060 plants (21.27 Hac.) were finally planted in the site at 10ft. X 10 ft. spacing. Despite a very erratic monsoon, the plant mortality was not more than 3% and the gaps thus created were planted with healthy saplings in the same season itself.

In the past three years, the villagers have been maintaining strict vigil in order to protect the plants from cattle grazing. Once established, the plant survival is almost cent percent. Regular hoeing, weeding and application of vermin-composts and fertilizers have contributed to a uniform and vigorous growth of the plants. It is expected that from September 2024 onwards, the plants will be ready for Tasar silkworm rearing.

Our Human Resource

In TDF we have a dedicated self-motivated pool of human resource engaged in the field to bring in the desired changes in the lives of the rural families through different interventions specific to Tasar sericulture. For this we organize different rating and capacity building programmes for our staffs to improve their knowledge and skills. This year we have arranged technology upgradation trainings with support of CTR&TI and Entrepreneurship Motivational Training (EMT) with support of CSL for some of our staffs.



As an organization we always remains concerned for the welfare of our staffs so we made provisions of health insurance and accidental insurance for the employees. This year we have introduced gratuity provisions in our personnel system which will further address the social security concerns of our staffs.

We foster a culture of inclusiveness, openness, and experiential learning within our organization, which supports holistic development and personal growth for our staff. This empowering environment enables us to continuously push towards achieving new standards and milestones in our mission.

Sl. No	Designation	Number
1	Chief Executive Officer	1
2	Programme Coordinator	2
3	Project Anchor	3
4	Project Coordinator	5
5	Project Based Technical Expert	5
6	Supervisors	7
7	Internal Auditor	1
8	Accountant	3
9	Seed Coordinator	4
10	Yarn Production and Marketing Manger	2
11	CEOs of FPO	6

Our Finance

Tasar Development Foundation				
Company Limited by Guarantee and not having Share Capital				
3 Community Shopping Center Neeti Bagh New Delhi New Delhi DL 110049 IN				
CIN:U17290DL2013NPL259919 Email id:helpdesk@nimbusconsulting.net				
Balance Sheet as on March 31, 2024				
		Amt in Hundred		
Particulars		Note No.	March 31, 2024	March 31, 2023
I	EQUITY AND LIABILITIES			
1	Shareholder's Funds			
	(a) Reserves and Surplus	3	143,864.67	42,383.10
	(b) Capital Asset fund	3A	1,507.78	1,070.50
			145,372.45	43,453.60
2	Non Current Liabilities			
	(a) Other Long Term Liabilities	4	-	-
	(b) Long Term Provision	4A	-	-
3	Current Liabilities			
	(a) Trade Payables :-			
	(A) total outstanding dues of micro enterprises and small enterprises; and	5		
	(B) total outstanding dues of creditors other than micro enterprises and small enterprises	5	622.80	569.30
	(b) Other Current Liabilities	6	21,917.77	56,161.56
	(c) Short Term Provision		-	-
			22,540.57	56,730.86
	TOTAL		167,913.02	100,184.46
II	ASSETS			
1	Non Current Assets			
	(a) Property, Plant and Equipment	7	1,507.77	1,070.50
	Property, Plant and Equipment	8		-
	(b) Long Term Loans and Advances		1,507.77	1,070.50
2	Current Assets			
	(a) Cash and Cash Equivalents	9	161,993.20	95,690.58
	(b) Short Term Loans and Advances	10	4,412.05	3,423.37
	(c) TDS Receivable		-	-
	(d) Inventories		-	-
			166,405.25	99,113.95
	TOTAL		167,913.02	100,184.46

See accompanying notes forming part of the financial statements

1-24

As per our report of even date attached

For N S B & Associates

Chartered Accountants

FRN: 023043N

Jiwan Singh Mehta

Partner

M. No. 530567

Place: Delhi

Date: 01/09/2024



For and on behalf of the Board of
Tasar Development Foundation

MOHD SHAMSHAD ALAM

Director

DIN 09257069

SOURMEN NANDI

Director



Tasar Development Foundation

Company Limited by Guarantee and not having Share Capital

3 Community Shopping Center Neeti Bagh New Delhi New Delhi DL 110049 IN

CIN:U17290DL2013NPL259919 Email id:helpdesk@nimbusconsulting.net

Statement of Income and Expenditure for the year ended March 31, 2024

Particulars	Note No.	Amt in Hundred	
		For the year ended March 31, 2024 (Rs.)	For the year ended March 31, 2023 (Rs.)
I INCOME			
(a) Grant / Donation Received	11	287,579.24	123,105.62
(b) Consultancy and Other Income	12	8,394.99	9,820.36
Total income		295,974.23	132,925.98
II EXPENSES			
(a) Grant/Programme Expenses	13	118,815.97	165,486.19
(b) Change in inventories		-	-
(c) Employee Benefit Expenses	14	66,519.00	38,721.51
(d) Other Expenses	15	9,157.69	6,001.53
(e) Depreciation	7	447.23	514.16
Total expenses		194,939.88	210,723.39
III Excess of Income over Expenditure before tax		101,034.34	77,797.41
IV Tax expense			
V Excess of Income over Expenditure for the year		101,034.34	77,797.41
Appropriation to/(from) of Fund		447.23	514.16
Capital Assets Fund			
Net Surplus/(Deficit) transferred to Balance Sheet		101,481.57	77,283.25

See accompanying notes forming part of the financial statements

1-24

As per our report of even date attached

For N S B & Associates

Chartered Accountants

FRN: 023043N

Jiwan Singh Mehta

Partner

M. No. 530567

Place: Delhi

Date: 1/9/2024

For and on behalf of the Board of
Tasar Development Foundation

MOHD SHAMSHAD ALAM

Director

DIN 09257069

SOUMEN NANDI

Director

DIN 10154911



Tasar Development Foundation Company Limited by Guarantee and not having Share Capital 3 Community Shopping Center Neeti Bagh New Delhi New Delhi DL 110049 IN CIN:U17290DL2013NPL259919 Email id:helpdesk@nimbusconsulting.net Statement of Cash Flows for the year ended March 31, 2024		
Particulars	Amt in Hundred	
	For the year ended March 31, 2024 (Rs.)	For the year ended March 31, 2023 (Rs.)
A. Cash flow from operating activities	331,241.19	(77,797.41)
Excess of Income over Expenditure		
Adjustments for Non Cash Items:	447.23	0.00
Depreciation		
Changes in working capital		
Adjustments for (increase) / decrease in operating assets:	(988.68)	2,568.89
Short Term Loans and Advances	0.00	0.00
Long term Loans and Advances		
Adjustments for increase / (decrease) in operating liabilities:	0.00	0.00
Other Non Current Liabilities	53.50	569.30
Trade Payables	(34,243.79)	(35,266.96)
Other Current Liabilities		
Net cash flow (used in) / generated from operating activities (A)	296,509.44	(109,926.18)
B. Cash flow from investing activities	0.00	0.00
Purchase of Fixed Assets	0.00	0.00
Corpus Fund Received During the period	0.00	0.00
Covid Support Fund utilized during the period		
Net cash flow (used in) investing activities (B)	0.00	0.00
C. Cash flow from financing activities (C)		
Net Increase in Cash and cash equivalents (A+B+C)	296,509.44	(109,926.18)
Cash and cash equivalents at the beginning of the year	95,690.58	13,508,285.22
Cash and cash equivalents at the end of the year	392,200.03	13,398,359.04
Reconciliation of Cash and cash equivalents with the Balance Sheet:		
Components of cash and cash equivalents include cash and bank balances in current accounts (Refer Note 9)	161,993.20	95,690.58
Total	161,993.20	95,690.58
1) Components of cash and cash equivalents include cash and bank balances in current accounts (Refer Note 9) 2) The Cash Flow Statement has been prepared in accordance with the requirements of Accounting Standard - 3 (AS-3) on 'Cash Flow' 3) Previous year figures have been recast / restated wherever necessary 4) Figures in brackets represent outflows See accompanying notes forming part of the financial statements		
1-24		
As per our report of even date attached For N S B & Associates Chartered Accountants FRN: 023043N Jiwan Singh Mehta Partner M. No. 530567 Place : delhi Date: 01/09/2024	For and on behalf of the Board of Tasar Development Foundation MOHD SHAMSHAD ALAM Director DIN 09257069 SOU MEN NANDI Director DIN 10154911	

Our Board

S. No	Name& DIN	Father's Name	Qualification	Address	Occupation	Companies/Associations And Institutions Where They Held Responsible Position	Position Held
1	Soumen Nandi 10154911	Souchaindra Nath Nandi	Phd in Zoology	Kanchan Mission Compound Po-Bholpur,Birbhum, M.Birbhum,West Bengal PIN-731204	Retired	Central Silk Board	Joint Director , CSB Govt of India Director
2	Md Shamshad Alam 09257069	Late Md.Fakhruddin Ansari	Bachelor of Forestry Brisa Agriculture University,Jharkhand	C/O-Zubaida Enclave,Jain Mandir Road,Doranda,Ranchi ,Jharkhand-834002	Service	1.Pradan ,NGO	Integrator,Pradan Director

Our Office Address

REGISTERED OFFICE

Tasar Development Foundation (TDF),
C/O- Transform Rural India (TRI), 3, Community Shopping
Centre, Neeti Bagh
NewDelhi-110049,
Phone No. 011-41630455
shamshad.tdf@gmail.com

HEAD OFFICE

Tasar Development Foundation (TDF),
C/O- PRADAN
First Floor, Sunder Sadan, Near Chetna Apartment
Opposite to DC's Residence Circular Road,
BarmasiaDeoghar-814112
Phone No.-06432-275642
shamshad.tdf@gmail.com

