



# ANNUAL REPORT 2019-2020

*Renewed thinking, Holistic approach and Progressive growth for horizons of Rural Developmental.*



## Our Partners







*We believe on educating, empowering and hand overing the responsibility and ownership of development initiatives to the local communities and concern authorities. We Plays catalyst and facilitator role and withdraws our empowering role after making community capable.*

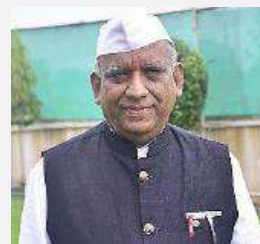
*We initiate the development process with holistic approach by which developmental needs identified through participatory approaches, we prioritized the needs as per community requirements and addressed through the active participation of communities, local authorizes and making convergence of government schemes and programs.*





**Agricultural expertise requires  
“Experience and hard work”**

**After** the agrarian distress of 2005, there have been massive changes in the agricultural sector. In the changing times, we identified the need for maintaining a human-nature connection. We are immensely proud to have established partnerships with progressive corporations and the government in our journey.



Without external help, Krushi Vikas has faced challenging situations such as the lack of financial other resources, insufficient human resources, and infrastructure. However, Krushi Vikas cherished the spirit of cooperation and human trust and always put the community before anything. That is the secret of our success.

With systematic planning, facilitation, and financial and knowledge support, Krushi Vikas has transformed the agrarian human capital into vibrant and productive human resources in this financial year (2019-2020). With much gratitude, I would like to appreciate the financial help received as well as the technology contributed by student community. With Digital India, Skill development and other interventions, we were able to attain the speed envisioned by the progressive institutions.

In the coming year, we plan to work on challenging issues to restore a more sustainable pattern across the state and the nation. We have been continually expanding our work in Madhya Pradesh with the help of existing partners and aim to involve more.

I would like to highlight that Krushi Vikas has been able to maintain the goodwill across funding agencies, government ministries and departments and more importantly with the communities.

We appeal to generous minds in India and across the globe, to contribute in all possible manners with their expertise and resources. We, as the Krushi Vikas family, thank all our beneficiaries for their willingness to change through the collective mission of sustainable development.

Mr. Diliprao Naphade

Founder & Chairperson,

Krushi Vikas.



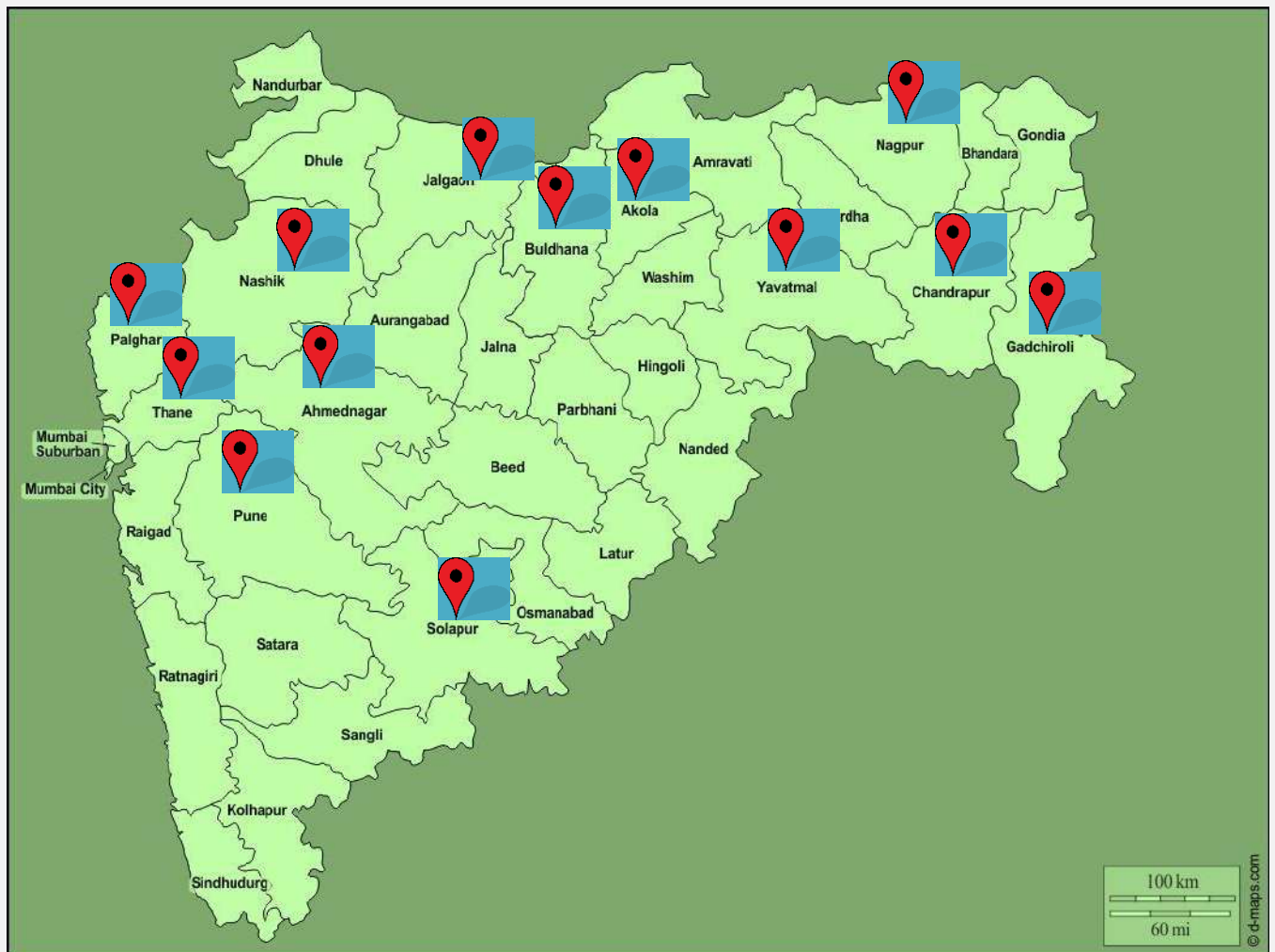
## OUR PRESENCE



Maharashtra

Madhya Pradesh

### 13 Districts Across Maharashtra



## Milestones

1.25 Lakh +



*Total stakeholders*

1,735



*Villages Covered in  
14 Districts*

97,000 +



*Farmers Connected*

3.3 Lakh + CBM



*Water Capacity  
Increased*

25 Cr+



*Turnover of FOO's*

630+

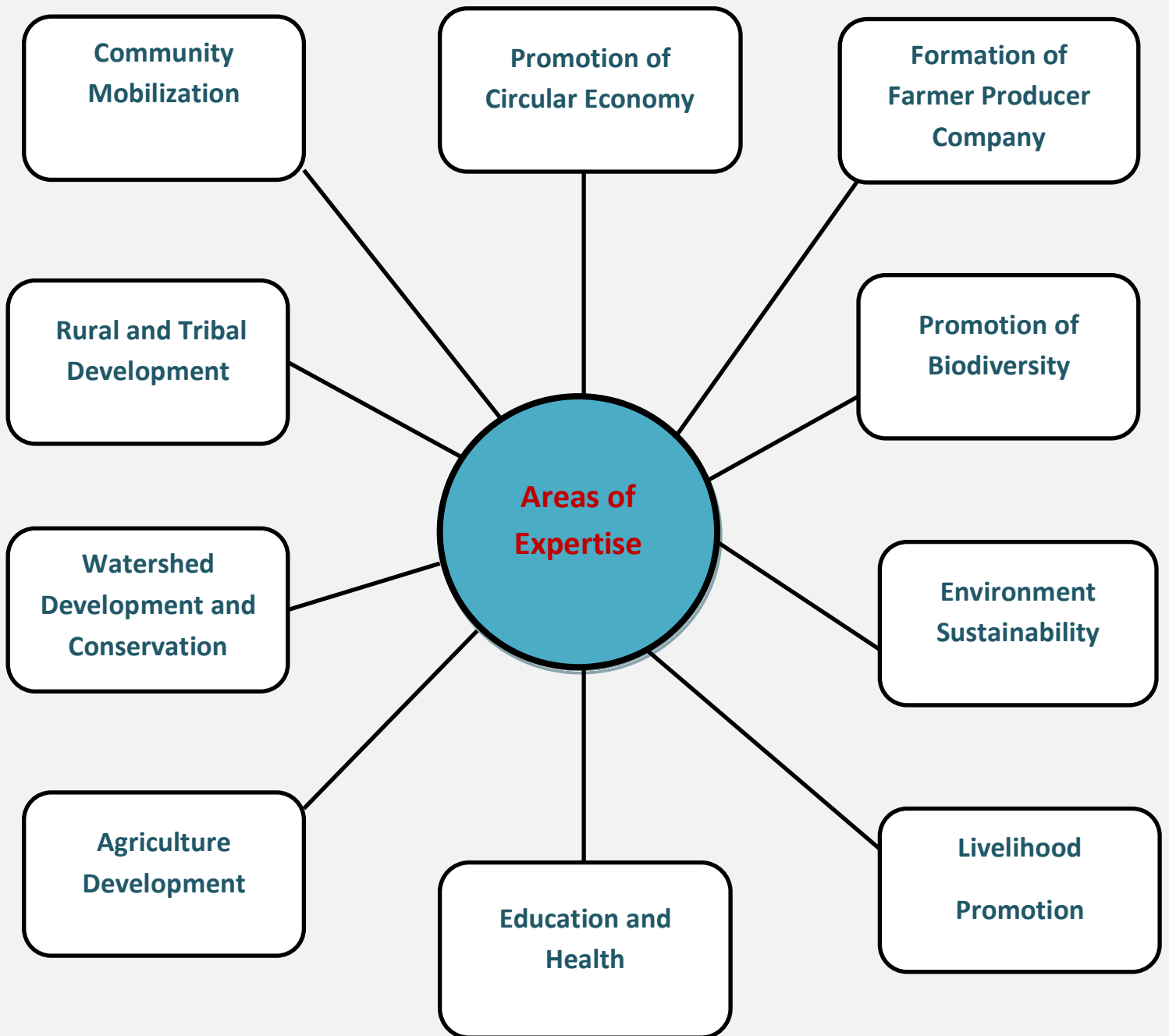


*Livelihoods Promoted*

## Human resources growth



## Organisational Areas of Expertise





## Background

Agriculture is the backbone of Indian society which require deliberate efforts, renewed thinking, knowledge building, innovative approaches, and modern techniques. Adverse change in environmental ecosystem and market driven demands of community impacted practices and traditional methods of agriculture. Development of agriculture dependent on the different input process which need to be adaptive as per the changing environmental conditions and economic needs of the society.

Development initiatives mandates zealous efforts, clear vision and professional human resources to make the sustainable interventions in the society. Krushi vikas is a fastest growing organization working in the development field from last **28 years** and articulated the visions and mission based on the experiential learning, development needs of the society, government, and policy makers.

In the ear of Liberalization, globalization and privatization farmers need to be guided, facilitated, and trained properly and brought into the mainstream of the development process. The krushi vikas is working with modern approaches since last three decades and empowering the farmers and rural communities to initiate the holistic development process through sustainable rural development interventions and enhancing the living standard of rural communities, introducing the new agricultural systems

and techniques which promotes low investment and high production in agriculture.

Presently Krushi Vikas is working around 1735 Villages across the Maharashtra and Madhya Pradesh and touched 1.25 lakh lives, Krushi vikas is implementing 13 projects along with different corporate government and non-government partners in the areas of sustainable agriculture, soil conservation, Livelihoods Promotion, Women Empowerment, Watershed Development, Education, Health and brought the measurable changes. Field experiences and successful interventions enhanced expertise of the organization to initiate the inclusive and sustainable development process across the Maharashtra and Madhya Pradesh.

Nationwide development initiatives of organization recognized by communities, corporates, and governments. Recently, **the Prime Minister of India** recognized the efforts commenced for innovative and sustainable development process **initiated by Jay Sardar Farmers Producer Company** and got honour to become first farmer producer company of India paid bonus to farmers.





To rejuvenate agricultural livelihood, farmers required technical inputs, accessibility of resources and reorientation in the changing dynamics agricultural practices and policies. The Krushi vikas is initiating the diverse range of activities and interventions with aim to reduce the input cost and increase productivity and yields outputs. We have been invented contextual innovative agriculture practices consulting with agricultural experts and through empirical research and field-based demonstrations.

The Krushi Vikas has been working in agriculture field since last 28 years with emphasis to work on promotion of local technologies and practices that are developed using local available resources instead of dragging the resources from outside of the community. We have been focusing on empowering farmers and other aligned stakeholders to adopt the modern practices as per the changing scenario of agriculture. now we are moving a one-step a head in the agriculture field from implementation organisation to technical resource organisation. Presently organisation is working **with 97,000 farmers** across the Maharashtra and Madhya Pradesh and providing technical support to farmers, producers organisations and groups.

**40,000 +  
Hectare land  
treated**



**500+  
Farmers groups  
technically Guided**



**Gender equality is important for sustainable agriculture**, women are not in the mainstream of agrarian economy, **we are initiating the gender positive agriculture practices** which are imparting the equal opportunities for women and helping them to get the dignity

and respect in their family and community. presently we are **working with approximately 7600 women farmers** in different project locations and mainstreaming them in the agrarian development process.



We have empowered ourselves as one of the resourceful organisations and leading the agricultural activities in the state of Maharashtra. Organised effort through Farmer Producer Organisations (FPO) helped us to reach out with the large number of famers and provide technical inputs by collaborating with different government departments and other development organisations like NABARD. **We have successfully implemented several projects of NABARD** which is the nodal agencies of govt. of India for agricultural development.





we are taking meaningful efforts to enrich the agricultural ecosystem by treating the soil scientifically and adding the nutritional values in the land through organic fertilisers like vermicomposting. **farmers have been motivated to initiate the organic farming with aim to protect the human and soil health.** The farmers have empowered to enhance the modern marketing skills and sell out the agricultural product by using effective online platforms like Amazon. We have increased expertise to empower the framers and help the government stakeholders to initiate the sustainable agricultural practices as per the agricultural policies and systems.

We are also working with farmers who are producing the cotton in Vidharbha, Marathwada region. The farmers have been given technical inputs on various process from soil testing to threshing of the cotton production. The inputs are being provided based on the 7 principles of better cotton initiatives which are helping the farmers to produce the cotton with minimum inputs and maximum price along with adopting the healthy practices which are promoting the nutritional values of soil, managing the water systematically and preserving the biodiversity of the ecosystem. The cotton initiatives of organisation are **benefiting the farmers socially, economically, and environmentally.**



Mr. Vijay Vitthal Savke, a farmer of village Sawanga dist washim planted chillies in half acre (20 Gunthas). As per the standard conditions Mr. Vijay was expecting to get 1800 kg production of Chill in 20 Guntha, but smart watering methods, use of micronutrition's and avoiding overdose of fertiliser he could reduce the input cost and maximize the production of Chilli due to continues inputs and technical guidance by Krushi Vikas team and as result of all the inputs he had have 2400 kg chilli in produced in just 20 Guntha and sold it at the rate of Rs 40 Kg. calculating the input and output cost has eared 81,000 net profit in a just three months





**Livelihoods** Promotion in development sector now becoming most desirable constituent. International and national agencies including government departments preferring to work on promotion of livelihoods. We are initiating the farm and Non-farm-based Livelihoods activities with CSR and other national and international development agencies. we have promoted agriculture aligned income generation activities like growing vegetables for commercial purpose, Mushroom production, Vermicomposting, agricultures oriented micro enterprises like threshing mini rice mill and selling agricultural products through farmers producer companies with adding the values in agricultural products and effective market strategies aiming to get higher price to the produced agriculture goods and services.

Our one of the Farmers producer company has been recognised at national level by our Prime Minister of India and other farmers producer companies are also working with same capacities and aiming to provide the maximum profit to the farmers in an organised way.



**Influenced  
Livelihoods  
15,000+  
Families**

The livelihood is a core of development process influence entire family ecosystem. Economically empower family often are capable to invest enough money to get good health, education, food and self-respecting living standards which help the people to live with dignity and respect in the society and provides social security.

Apart from the promotion of Farm-based livelihoods, our projects have also promoted non-farm-based livelihoods activities across Maharashtra and Madhya Pradesh with aim to create an **additional income opportunity to landless, marginalised farmers and women.** Our projects have promoted the diverse range of livelihoods activities like backyard poultry farming, Bamboo Production, Milk production, Backyard Kitchen Garden, Different agricultures Service enterprises etc.

These additional **income generation opportunities helping small families to secure their family income** and reduce economic burden.

<b>105+</b> <b>Units</b>	<b>219+</b> <b>Plots</b>	<b>113+</b> <b>Units</b>
<b>Backyard Poultry</b>	<b>Kitchen Garden</b>	<b>Vermicomposting Units</b>

**Working with 20+**



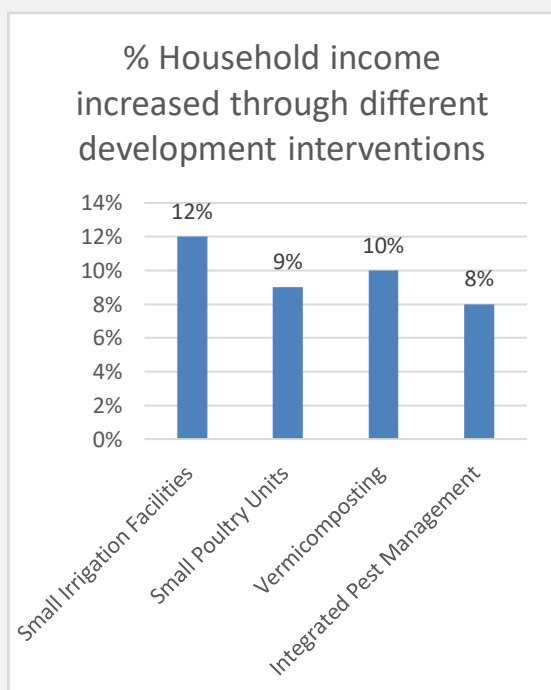
**Framer Producer Companies  
across Maharashtra**

**The Project Badlav-Rajguru Nagar, Khed, Pune**

The Project Badlav is being implemented with the partnership of Huntsman Pvt. Ltd. CSR in Rajgurunagar, Khed, Pune. The project aim is to initiate the participatory development

process in rural villages with multidimensional and integrated approach.

The project has planned to make the interventions to improve the agricultural productivity through innovative techniques and administering the natural resources scientifically, focusing the soil and water resources. The micro irrigation facilities such as drip and Sprinkler irrigation, Farm based pond have been promoted as part of agriculture development. The project is also aiming **to boost the rural economy by initiating the Agri allied and non-farm livelihoods activities** such as promoting dairy farming, horticulture, poultry farming, vermi-composting, kitchen gardening etc.



The project Badlav have **promoted 151 livelihoods activities** and boosted the household economy under project Badalav. The small irrigation facilities ensured the water availability for agriculture and increased the farmer income across the different economic category by 12 %, the small poultry units helped the farmers to increase the income by 9 % , Vermicomposting increased income by 10% and Integrated pest control

management inputs helped farmers to increase income by 8 %.



*Mr. Kaluram Balkrushn Shinde from Askhed Village provided advanced Bed maker under BADLAV project and now he is providing the bed making services at the rate of Rs.800/acre which is lower in market. Till date he has covered 30 acres land in project village and his gross earning is Rs. 24000. Including all expenses his net profit is Rs.12000. this initiatives also helping other farmers to reduce the input cost which they need to pay 1000 to 1200 for acre.*



Mrs. Shakubai Suvlaram Kadale from Bhamboli village of Pune District earning additional Rs 1200 in month which is helping her to empower her household economy.







**WATER WILL SAVE US IF WE WILL SAVE THE WATER**





**Water** is soul of agriculture and animals which has enormous importance in agriculture economy. It is impossible to commence the agricultural activities without water. In present situation industries and excise water use for household and agricultural need without water management techniques are exploiting the surface and ground water in high quantity and in other hand percentage of rainfall is getting low day by day. Apart from these two reasons there are other reasons which are impacting on availability of water for mentioned purposes. The villagers and communities are not managing this issues sensitively and scientifically that is why the developmental agencies come in a picture to support the communities to make a availability of water through sustainable interventions and water management techniques .

We are one of the leading technical expert organisations of Maharashtra providing all technical solutions for water conversations and watershed development by collaborating with the government schemes and using the private resources. We have developed different water structure by analysing the geographical needs of community and environmental conditions. We have a technical expert team which expertise in identifying and examining the currents needs of the community and explore the sustainable solutions.

Almost our all the projects project have the watershed development and conservation components and we have executed sustainable water structures with aiming to fulfil the following objectives.

- To reduce soil erosion**
- To improve percolation of water**
- To improve ground water table**
- To increase surface storage capacity**
- To provide drinking water**

We have initiated following water conservations, watershed development and water storage interventions through our all-

projects across Maharashtra and Madhya Pradesh.

**A.)Area Treatment:** Farm bunding, Continuous Continuous Contour, Loose Boulder Structure, Trench, Repair of Cement Nala Bund, Gabion Structure, (CCT), Water Absorption Trench (WAT), Gully Plugs (Stone/Earthen), Construction of New Cement Nala Bund, **B.)Water Resource Development:** Nalla deepening, Construction of New Cement Nala Bund, Gabian Structure, LBS, Gully Plug, Corewall Gabion, Percolation tank Desilting **C)Watershed development Works:** Well recharging, Recharge shaft, Farm ponds with hdpe liner, Check Dam, Gabion, Loose Boulder Check Dam Structure (LBCDS), Recharge Pit, Rain Water Harvesting for Public buildings like, School, Anganwadi, Panchayat, Hospital.



**Movable drum kit irrigation system**

*Affordable and easy drum kit irrigation system installed for tribal community with natural force, electricity is not required which allows people to irrigate the land on timely manner. It is easy to install and do not require technical expertise to activate and use it. famers can shift this micro irrigation system to any other desired location as per the requirements.*

We identify the water needs through active participation of community and availability of water resources. Our project interventions brought remarkable impact in the areas of agriculture, Environment through water-centric interventions. The watershed initiatives helped farmers to enhance land

irrigation capacity by 35% and ground level water level. Our water centric programs not only helped to resolve issues of irrigation, but it have also helped to solve issues of drinking water.

Availability of water is not just mean to enhance the irrigated land area but is has multidimensional impact which is helping to **maintain the ecosystem and biodiversity in** the project interventions areas through watershed and conservation programs. Availability of water helping to grow other plants and trees along with the crops which is securing the biodiversity. Thousand of species depended on plants and moisture able to survive due to the availability of water and moisture.

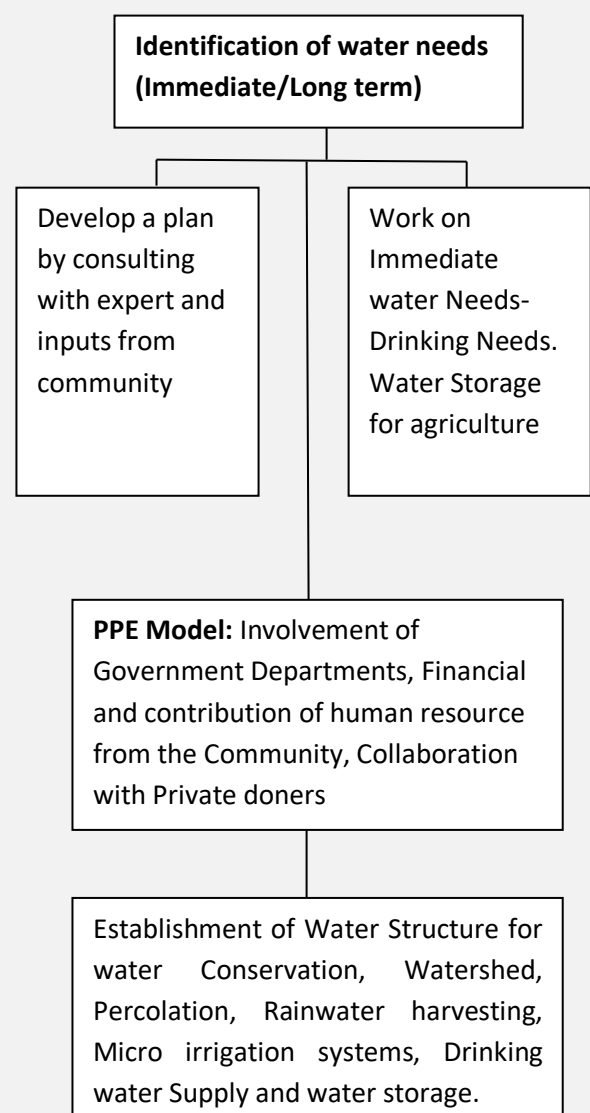


*Mr. Arun Hanuman Limbhore a residence of Askhes pune prepared Farm based pond to preserve the water. His entire family is dependent on agriculture. So, he wanted to take maximum production but due to the unavailability of water he was unbale to take the desired production specially in summer season. Now he has secured the water for irrigation through this pond. Now he is planning to take third crop in his*

*farm and planning to get the maximum price by selling his agricultural products in the market available in Pune.*



### Model to initiate the water intended program





# Glimpses of Watershed & Conversation Initiatives

**Gabion Structure**



**Farm Based Pond**



**Gully Plugs (Stone/Earthen)**



**Continuous Contour Trench (CCT)**



**Corewall Gabion**



**Shramdan by community**







**Environment Protection is our Responsibility**



**Environmental** sustainability is one of the biggest issues faced by the mankind in present era. No part of earth is now untouched by the human interventions on the name of development.

Sustainable Environment does not require any special effort, our consciousness and sensitivity in day-to-day activities are sufficient for environmental sustainability. Every individual, organisation and people who are in the decision making all together have this responsibility to maintain the environmental sustainability.

We are the family of Krushi Vikas promoting the environmental sustainability through our all-project interventions and culture established withing a organisation. We prefer **to make environment friendly interventions and educating all our 1.25 +Stakeholders** about the environment sustainability by introducing the innovating and applicable approaches which are helping to adopt the eco-friendly cultural practices for sustainable environment.

All our Project interventions are inclusive for environment sustainability e.g. agricultural interventions enhancing nutritional values of soil through use of vermicompost. Our project stakeholders avoid the use of chemical pesticides and fertilizers. We promote the inter multicopying system which promoting the biodiversity.

The water conversation interventions of our organisations reducing soil erosion, enhancing the ground level water and availability of sufficient water helping animal and plants to get the sufficient water for their survival.

We promote the livelihoods activities as a one of an economic development intervention, but all economic activities always referred to execute with environment friendly practices,

most of our livelihood's activities are Agri aligned activities which follow the norm of **everything goes in the natures.**



**Planted  
3000+  
Saplins**

we are in a process of making sustainability interventions as a part of environment sustainability. Our project interventions taking meaningful participation of school children in planting the saplings in community and making them responsible to protect and take care of planted samplings with the support of parents and school administration.



Apart from these environment friendly initiatives we also initiating other initiatives like, developing biogas plants, kitchen gardens, preparation of soak pits, conducting cleaning drives, developing vermicomposting, these activities are ensuring the environment sustainability through our project interventions.

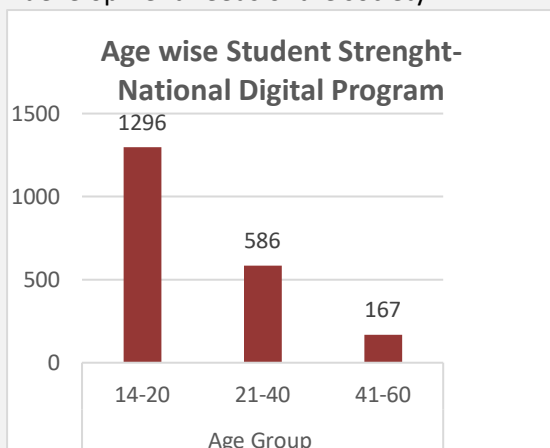




**Education** is mean of empowerment and development. we cannot imagine the development without education that is why education is an important indicator of Human Development Index (HDI). Considering the importance of education, we are executing the educational project across the Maharashtra focusing the digital/adult literacy and **concept specific education on Agricultural, Water Environment and life skills.**

We believe that students are also one the important change agent of the society who is capable to contribute to present as well as in a future.

As per the education policy 2020 student should get holistic education and **educational curriculum should be as per the developmental needs of the society.** it becomes necessary to work on digital literacy and concept specific education Considering the fact of holistic learning opportunity. Presently our nation is getting digitalized and every person is equipped with the smart Phone and have an accessibility of computer. So, considering the development needs we have initiated the National Digital Literacy mission in Buldhana District of Maharashtra and all other integrated rural development programs are educating the students on specific concept like agriculture, water, and environment with aim to impart the life skills education to the students on the development needs of the society.



Above charts reveals that total 2,049 students from 14 to 60 age group trained through

national digital literacy program and pursued knowledge and skills about information technology using internet. This digital certification program helped people especially adults and women to get the economic prosperity through digital literacy, these people have used this knowledge and skills to boost up their small business.



*Students at Digital Training Center, Buldana*



**13,000+** Students received  
**Learning opportunities**

we have developed concept-based curriculum for the school children with aim to impart the knowledge, perspective, and skills about promoting the sustainability in the areas of agriculture's environment and water. We have organized different concept-based science exhibition programs where students have been participated with science based innovating projects.

students are getting scientific information about agriculture, environment, and water because of concept based educational initiatives. The concern curriculum and educational initiatives are activating the scientific and value-based educations which is promoting environmental sustainability.



*Concept based Science Exhibition.*



actual demo of hygienic practices which need to be followed.

A person wearing a yellow protective suit and a face mask is spraying pesticides in a field of large green plants. The person is holding a long-handled spray wand, and a fine mist of pesticide is visible around them. The background shows more greenery and a cloudy sky.



Farmers is the primary stakeholder of Krushi vikas. Thus, it is our prime responsibility to take care of their health. we organize the Famers Health camps by collaborating with government hospitals with aim to diagnose basic health needs and provide counselling and basic treatments for primary health needs of farmers and their families.

## Medical Check-up Camp for Farmers

20



**CSR Impact Awards as CSR Implementing Agency of the Year 2016-17 on 18th September 2017 in India CSR Summit-Gurugram (NCR)**



**Certificate of Merit @ World CSR Congress on World CSR Day for the contribution in Water Sector**



**National Award by National Research Center on Citrus, Nagpur**



**Certificate of Appreciation by Pune Municipality Corporation and NASSCOM FOUNDATION.**



**Rashtramata Jijau Award by Jilha Panchayat, Buldana**



महाराष्ट्र शासन

**Appreciation by Dept of Agri, GoM for Krushi Dindi**



*Prime Minister of India Shri. Narendra Modi ji recognized the work of Farmer Producer Companies established by Krushi Vikas organization in Buldana and Solapur District of Maharashtra.*



# **Krushik Vikas<sup>TM</sup>**

**Preserving Nature, Shaping Livelihoods**

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