

Development of Human Resources

Development of Natural Resources

General Activities



Annual Report 2022-23

Human And Natural resources Development Society (HANDS)

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Annual Report

Human And Natural resources development Society (HANDS)

For the year 2022 – 23

Background of HANDS

The HANDS organization was established in 1994 by like-minded people of the society. They set



themselves as non-governmental organizations. Namely "Human and Natural Resources Development Society (HANDS)". It was registered under the Societies Registration Act XXI of 1860. The organization's mission is to educate and support residents in creating a prosperous humanity with sufficient natural resources for future generations of society. So, the organization has been

working with people through the people's institutions and networking.

The organization is working with people below poverty line (BPL); Working with marginalized social groups This, especially Dalits SC, ST, BCs and other minorities, mainly low resourced/poor (POP), single women, disabled, HRGs (HIV/AIDS high risk groups like FSW, MSM. and TGs) and COVID- 19 Influential Children.

Also, the organization is working on the protection of children's rights for the betterment of children and their future. Primarily, focusing on the empowerment of adolescent girls by addressing cross-cutting issues, particularly harassment and sexual exploitation at a young age; Continuation of Secondary Level Education and Job Oriented Vocational Trainings (JOVT). Organize child peer education systems through local CSOs and provide facilities through Govt. Especially the concerned line departments and CSRs through Law B & Advocacy.

Common Pool Resources (CPRs) especially Revenue & Reserved Forests are the main strategy to provide livelihood to vulnerable communities by using surface and groundwater. For this purpose, the associations were formed as farmers' committees through membership and shares. Through their FPOs, communities are availing support services as follows; 1. To provide capacity building to rural youth for efficient technology utilization in agriculture. 2. Value addition to agriculture products through qualitative processing units, 3. Providing marketing support to agricultural products through packing/bagging under FPO branding.

HANDS organization works and implements projects in two areas; Sector-1 is "Human Resource Development" and Sector-2 is "Natural Resource Development". Therefore, sector-wise annual report is provided.

Sector – 1: Human Resources Development: Under Sector-1, the organization has been organizing various person committees under related projects. Therefore, the organization has been implementing all the projects only through committees. Through the leaders, the project activities have been implemented. For the reporting year 2022-23, the following projects have been implemented;

- 1) Target Intervention (TI) projects,
- 2) CHILDLINE 1098,
- 3) Surgeries to cleft lip & palate
- 4) Support to Vaccination against COVID-19
- 5) Supportive Services to orphans affected COVID-19 (CaC).
- 6) Women livelihood supportive program

The above 6 projects are implemented by the supporting agencies through their representatives as per the project norms and guidelines. This organization was invited by Govt. Line department officials support the project under Convergence. Line departments are really well supported to implement these projects. Project wise progress and data are provided below;

1). Target Interventions (TI) Projects:

A. Background of Projects: The organization implemented a total of 4 Target Intervention (PU) projects for

Details of TI Projects Areas and HRGs								
S.No	District	Name	No of	No of	Details of HRGs			
		TI	Sites	Hotspots	FSW	MSM	TGs	Total
1	Ananthapuramu	Gooty	4	18	1347	368	15	1715
	Kurnool	Pathikonda	6	38	885	105	18	1008
2	Nandyala	Dhone	6	110	1277	344	91	1712
4	Nandyala	Nandikotkur	6	40	1035	131	5	1171
Totals			22	206	4544	948	129	5606

the year 2022-23. These are HIV prevention projects supported by APSACS as per NACO guidelines. Projects initiated by APSACS as per NACO guidelines. So, the organization has 12 years of

experience in implementing HIV prevention projects in various districts, namely 1. Gooty-Anantapuram, 2. Patikonda-Kurnool, and 3. Dhone and Nandikotkur-Nandyala districts of Andhra Pradesh. The cumulative target population including all categories of HRGs is 5,606. The contact category wise population of PU projects are given in a specific table.

B. Public awareness on HIV/AIDS: As per the project norms the project teams conducted some awareness

programs and events under the projects. All programs are planned with relevant staff and community members. The staff invited the concerned Govt. Officers for the programs and educated them to understand the community and their problems.

Awareness Events under TI project						
S.No	Events	Gooty	Dhone	P.Konda	N Kotkur	Total
1	Legal advocacy	1	4	5	1	11
2	TGs		2			2
3	Sensitization on HIV/Aids	4	6	2		12
6	world aids day	1	1	1	1	4
4	Candle light day	1	1			2
5	National girl child day		1			1
6	Distribution of TG certificates		1			1
7	Women's day	1	1	1	1	4
	independence day	1	1	1	1	
	TB day	1		1		
8	Republic day	1	1	1	1	4
Total		11	19	12	5	47

Officials of various departments also participated in this program and discussed the issues of HRGs. Based on their problems; Officials have promised and supported HRGs through the government programs and schemes. By this, the HRGs are very happy and satisfied with the project and its efforts through the events.

C. Sexual Health Services: All 4 project teams were provided STI/HIV/AIDS prevention services through a

Consolidated Sexual Health Services					
S.No	Details of	Ananthapuramu - Gooty			
		Services	No KPs	times	T. services
1	Condoms	5606	Cumulative	2564228	2455796
2	RMC	5606	4	21338	19889
4	ICTC	5606	2	10647	10010
5	PLHA/ART		12	1152	1152

peer system under the project. Specifically, the projects provided sexual health services to a total of 5,606 HRGs through outreach and peer systems. Outreach staff mobilized communities through hotspot-wise peer educators. As per project norms and guidelines, each Peer

Educator covered up to 90 HRGs and provided sexual health services under the project. Project teams provided sexual counseling to HRGs as

needed through ANM and outreach staff. Sexual services are provided to HRGs through local CHCs/PHCs



under Project Convergence. All services are provided under the guidance and support of District Level DPCUs under the Health Department. Project-wise sexual health services are given in the table.

D. None sexual services: The project primary services sexual needs but in the community mobilization component under the DIC activity, the

project team provided some non-sexual services to the communities. The communities under the project, there was no financial assistance. But the project team provided some non-sexual services to HRGs who

needed

Achievement of none Sexual needs						
S.No	Program details	Gooty	Dhone	Pathikonda	Nandikotkur	Total
1	Ration cards	11	9	1	6	21
2	Dry ration kite		15	72	4	91
4	Housing			15	3	15
5	TG pensions	12	86	8	12	106
6	Widow Pensions		22	4	18	22

and were eligible for Govt. schemes and programs, otherwise, the HRGs unable to get Govt. entitlements, due to vulnerability and stigma.

1. To provide identity and recognition to HRGs by obtaining all eligible authentication identity cards.
2. To mobilize the government. Schemes for HRGs for their family welfare and children's education
3. To develop rapport between HRGs and project staff for timely utilization of sexual health services
4. Reducing excess risk to HRGs by integrating income generation schemes with bank linkages.

1. To provide identity and recognition

By the above HRG's income increased ability to attract clients. Therefore, HRGs are linked to the Govt.



Schemes to get financial support. In this context, non-sexual services are essential to mobilize and support HRGs under integration. Project teams are working on the above facilities for HRGs and are supported by Govt. Line segments under convergence program. By providing the above facilities to HRGs, HRGs were more than happy to get facilities from Govt. HRGs really need non sexual services. The non-sexual services in particular as followed in the tabulated.

E. Evolution of PU projects; APSACS carried out the evolution for all 96 PU projects in the state of Andhra Pradesh as per NACO guidelines. As per the

evaluation norms, APSACS has conducted evolutions for 3 PU projects, namely Gooty in Anantapur district, Dhone and Nandikotkur in Nandyal district. All PU projects are graded-A by the Evaluation development teams.

2). CHILDLINE 1098 Program:

A. Program Background: With the coordination and support of CIF – Chennai, HANDS organization implemented Childline 1098 sub-center in Gooty, Anantapur district for the year 2022-23. Since April 2011 it has been implemented with the financial support of Govt. India (Central) under Ministry of Women & Child Welfare by Childline India Foundation (CIF) – Chennai

Services provided		
S.No	Intervention	Total
1	Child marriages	125
2	Child sexual abuses	11
3	Child labor	296
4	Physical Abuse	6
5	Child begging	1
6	Carpal punishment	1
7	elopement	48
8	Child missing	16
9	Shelter and education	59
10	Medical	3
11	COVID Affected children	77
12	Others	32
	Total	675

B. Details of the Program: The program target area was 11 mandals of Anantapur district of AP, India. In the region, the main child problems as follows; Child Marriage (CM), Child Abuse (CA), Child Labor. And the serious problem of the Basivini/Devadasi system in the region. Therefore, the project team focused on awareness of the issues in the target areas.

CHILDLINE 1098 is a 24-hour free, emergency phone outreach service for children in need of care and protection. Apart from responding to the immediate needs of the children, link them to services for their long-term care and rehabilitation with shelter cum educational support for their future endeavors.

All services provided by the government and allied Sectors Under Govt are Combination Programs. The project team conducted awareness and outreach programs to spread information in the region.



And some special awareness programs like "DOSTHI week and awareness in local fairs" were also organized.

Similarly, the project team provided several interventions to children who were homeless and facing many problems around them. All interventions required by the child based on the circumstances of the child and as per CWC - Anantapur directives. Program wise details and progress are provided below;

C. Awareness Outreach Programmes: The project team conducted awareness programs in different methods as follows;

Total participants of CSD weekend program under CHILDLINE 1098 sub center - HANDS Gooty							
Date	Place campaign	Mandal	Participants				Total
			Children	Officials	Public	Reporters	
13-11-2023	HANDS-Office	Gooty				22	22
14-11-2023	B G P Rajapuramu	Gooty	614	10		6	630
15-11-2023	10 Area of Gooty	Gooty		5	2200	8	2213
16-11-2023	KGBV-School	Vajrakarur	180	25		4	209
17-11-2023	KGBV-School	P Vaduguru	186	22		6	214
18-11-2023	Pachayath -RV palli	Tadipatri		66			66
19-11-2023	KGBV-School	Yadiki	160	23		5	188
20-11-2023	DSP -Office	Guntakal	10	4		8	22
	Total		1150	155	2200	59	3564

1. One-to-one and one-to-group under outreach programs, 2. Mass awareness through celebration of public events and organizing school programs. 3. Rallies of school children with play cards and raising

slogans campaigning about children's issues in the area. 4. Officials of concerned departments holding open meeting with local authorities;

Project posters were provided to be pasted at schools by creating awareness. In the same campaign, the project team put up posters in public places in the area. Also, 12 thousand leaflets were distributed to the project team through campaigning about the problems of children in the region. CHILDLINE 1098 logo has been stickered on organization Zeep No AP02AF 6789 to create public awareness about the program.

D. Child Interventions: The project team conducted a total of 565 interventions under the project. All interventions are conducted on a call basis through the free call CHILDLINE 1098. First, the team receives information through CHILDLINE 1098 and then investigates the case and collects information about the child at the local level. The same will be intimated to the Program Coordinator and case information will be collected along with evidence certificates for the same. Based on the evidence, the project team immediately held a meeting with the local Women & Welfare Department officials, Revenue and Police. With the support and guidance of concerned local authorities, interventions were organized and submitted to CWC – Anantapur.

E. DOSTHI WEEK PROGRAMS: As per CIF instructions, Dosti week programs were organized in



the month of November 2022 as usual in the year 2022-23. The duration of the program is from 13 to 20 November 2022. Based on CIF directions, HANDS CHILDLINE 1098 sub-center has planned the program at sub-center

level. Program details are given in the program schedule under the project.

As usual every year "Children Say Dosti" weekend campaign was

celebrated at HANDS Child-line sub-centers in 11 mandals of Anantapur district. But this year, the sub center team organized different programs across the district. Under the leadership of HANDS Childline 1098 sub-center team, KGBV school management organized the campaign and celebrated the programs well and entertained the children in the events.

The management of KGBV is also very happy about this incident. In programs such as concerned department officials; Police, Revenue, Women and Child Welfare Department and Education Department participated in this program. The officials discussed and shared their experiences on the child problems solved in the district. The police department explained about the problems of children and their salvation at their department level.

All the children participated and were very happy in the events and were well aware of Childline 1098 and its importance for children's problems and salvation. So, all the children participated and pledged the children with their collective voice in all the activities. Truly this is a great campaign under the Children Se Dosti program. As planned in the schedule, the project team organized the events; The same program is

covered in media both electronic & print. All the children, department officials and media personnel were very happy with these programs and enjoyed the events. Credit goes to the team of CHILDLINE 1098 Hands Sub Center Gooty only.

3). Surgical operation to cleft lip & palate:

Operation Smile – Bangalore team came to HANDS organization and discussed the campaign on “Surgical operation for cleft lip and palate in children. According to information from the organization areas, some children were faced with cleft lip and palate. Immediately, the HANDS team took interest in campaigning on surgical operations. Then apply for the program and get a section from the operation Smile to conduct the program immediately.



A. Plan and Schedule for Campaign:

Later, both the teams discussed the campaign program and it was decided to conduct the campaign in 4

different places: Gooty, Kalyanadurgam in Anantapur, Dhone and Nandikotkur in Nandyala district of AP. The campaigns are planned in 2 phases; Gooty and Kalyanadurgam of Anantapur district in the first phase and Dhone and Nandikotkur of Nandyala district in the 2nd phase.

B. Screening Camp: As per the plan, both the organizations organized screening camps in total 4 areas at HANDS branch offices. As per the fixed date. The technical team was very happy with all the arrangements made by the hands team for the patients and screening. Screening work started at 10 am. All parents then met with the screening team one by one and completed screening and counseling at the same time. Screening details are given in the table.

Surgical operations					
S.No	District area	Area	Duration	Screening	Operations
1	Ananthapur	Gooty	6/5/2023	14	7
2	“	Kalyanadurg		27	7
	Nandyala	Dhone		16	9
	“	Nandikotkur		19	8
Total				96	31

C. regions on scheduled dates; "Future of Smiles Mission" from Gooty and Kalyanduram of Anantapur district reached Bangalore. The project team made all the arrangements, including shelter bedding for the patients. According to the clinical plan, the doctors were divided into two different groups and conducted preliminary tests for all patients.



Before the surgery, the doctor's team gave tokens to the patients with the operation times. Accordingly, the preliminary examination process is completed. Further surgical operations are initiated and the patient completes the surgical operations within the given time. Accordingly, surgical

operations were successfully completed for patients during the campaign. The details of the surgical operation are given in the table;

4). Support for vaccination against COVID-19:

Context of the program: TDH-NL team visited HANDS office Guty on 13th August 2021 and discussed undertaking 100% COVID-19 vaccination programs in HANDS target area in Anantapur district. The team



was briefed by CIF about the vaccination program by TDH-NL. According to information, the HANDS team has been accepted to implement the COVID-19 vaccination program in the Gooty region. As

per the terms

of the project, the organization has taken over 4 Primary Health Centers (PHCs) of Anantapur district namely Gooty, Betapalli, Peddavaduguru and Garladinne. As mentioned above, the organization has fully participated in the COVID-19 vaccination program in selected 4 PHCs and collected data. The organization successfully implemented the program within the constraints of the project duration, as per the program components and schedule.

training of front-line health workers; Based on the training provisions of the project, the organization has planned 4 training programs for each PHC/CHC. The organization prepared the training schedule in collaboration with PHCs and got approval from TDH-NL. Later, the project team met with the in-charge doctors and invited all the frontline health workers for training.



As per the invitation of HANDS, all doctors, ANMs & ASHA workers in each PHC area also participated. The habitat wise vaccination program under the PHC was reviewed with the doctors. After that, the progress of remote villages and vaccination programs were discussed. Doctors discussed vaccination and its importance at field level.

Equipment for the program		
No.	Name of the material	Distributed
1	N95 masks	16000
2	Vaccine containers	8
3	Needle Destroyer	8
4	Hand Sanitizer (100 ml)	414
5	Sanitizer Stand	0
6	Hand Gloves	2000
7	Thermometer	8
8	Face shield	120
9	Blood Pressure Monitor	12
10	Paracetamol	0
11	Pulse Oxy meter	23
12	Syringe	0
13	Sanitizers for camp	8
14	Caps	15
15	T Shirts	3
16	Waist Shirts	9
17	Leaflets/handouts/flyers	500
18	Banner	30
19	Posters	500
20	Oxygen Concentrators	4

Dr. Nagendra SHCC-Ananthapuram also participated in all training programs at PHC/CHC level under Joint Collector (JC). Through him the District Admin is monitoring all the activities on the vaccination program and its progress in the district. After that, the project team discussed with the participants about providing vaccination to the remote villages. The project provided travel facilities to the frontline health workers through which they were also vaccinated in the villages covered by the project.

Community Mobilization: With support from TDH-NL, HANDS organization implemented 100% vaccination program in 1 CHC and 3 PHCs; Gooty, Betapalli, Peddavaduguru and Garladinne of Anantapur district. Under the program, the organization has selected highly experienced staff and volunteers for the program.

The program was successfully implemented with full participation of staff and volunteers.

A total of 590 “frontline health workers” participated in the training under the program. A total of 1000 IEC materials were printed and used under the program. Through the program, volunteers are focused and mobilized communities; Lactating & pregnant women, elderly, shepherd communities and SC/ST colonies in remote villages. Rally This is a great achievement of the organization. PHC-wise vaccination targets and responsibilities of volunteers are given in the table.

5). Supportive Services to orphans affected by COVID-19 (CaC).

Under the CHILDLINE 1098 project, the team has identified a total of 120 orphaned children affected by the Covid-19 pandemic. The 120 children belong to 70 families in a 11 mandals of Anantapuram district of AP. The HANDS approached TDH-NL to support programs to help children. TDH-NL has adopted a project named Covid Affected Children (CAC) to support orphaned children by adapting their families. The project was started from January 1, 2022 and completed by June 30, 2022. Under these programs we have covered a total of 120 children and provided support services and support to families.



The project team met the families affected by COVID and introduced themselves and the project. The team then explained the project concept and main objectives. The team had provided continuous counseling to all the families on government run covid relief programs. schemes. The families received a Covid relief compensation of Rs: 50,000/- from the government through regular counseling and support. After that the women of the family got a widow pension from the government. Through this support families gained confidence and came out of depression.

At the same time, through the support of the project, a total of 4 relief interventions were provided to the families; namely 1.dry ration kit, 2. Education materials, 3. hygienic kit and uniform/dress (for adolescent girls only). All above counseling on Govt. Schemes under



Project Convergence and Project Interventions, families come out of depression and start to self-motivate and continue their work for their families. Currently, all the orphans are back in schools and continuing their studies. It is really a great program to support orphan children through their families to continue their education.

6). Women livelihood supportive program:

HANDS organization is working for a program to support women's livelihood through Revolving Fund (RF)



support from STDH - Bangalore. The program started in April 2022 and will continue in the institution. Through the support of RF, the organization has provided livelihood to a total of 650 vulnerable families by concerned women and the amount of support is only up to Rs:1,09,31,000/-. Through the support of RF some women have started new businesses and some of them are scaling up their business and get maximum income without exploitation of moneylenders, repayment system with interest of 3 to 5 rupees daily

and weekly. But RF repayment mode is monthly only with 20% service charges only.

Through this, women have been able to repay the money and continue their business, family and children's education. Many women have been relieved of the exploitation of moneylenders through the support of the RF program. It is really a good relief for women traders by stopping daily and weekly payments related to heavy interest loans. Really happy women traders with RF support from STDH - Bangalore. Some women traders are requesting to increase the loan amount from 30 to 50 thousand to scale their business and get better income for their livelihood and better education of their children.



Sector 2: Development Natural resources: Under Sector-2, the organization has implemented one meager project; Promotion of Multilayer Agroforestry orchards under Natural Farming” for the farmers daily income for the financial year 2021-22. A progress report is provided annually given in the below.

2. Multilayer's Agroforestry Orchards in the system of Natural Farming;

Context of the program: Irrigated farmers of Anantapur district are showing interest in tree crops. Because



the farmers are losing heavily due to the groundnut mono cropping system. The price of seed is also very expensive, but the yield has gradually decreased due to non-compliance of the crop rotation system in the fields. As a result, many farmers

were disappointed with the groundnut crop. Now farmers are showing interest in tree crops, especially sweet lime plantation. Because the farmers have great experiences in growing sweet lime in the district.

But many sweet lime farmers in the district have failed to get good yields due to improper management and climate change. Compared to other fruits in the market, sweet lime has good marketing facilities in the country. Sweet lime is perennial, so it has no season and it comes in all seasons. But the season created by farmers is summer based on intentional marketing. Because all the people use fruit juice in summer so the



market price increases in summer. Accordingly, the summer season from January to June of the year is the main season for the crop. Due to this, farmers showed interest to plant the sweet lime plantation in their irrigated agriculture farms.

Before summer, farmers stop watering to the plants for a month to ensure maximum flowering in the months of

November and December. After a month, they water the plants frequently along with applying lots of fertilizers and pesticides. Under its influence, plants flower fully, but not all flowers and fruit. Due to high summer temperatures, the seasonal crop fails with flowers, spikes and pods falling from the plants. In addition, exposure to sunlight during the season can also damage the fruits with discoloration.

Since 2019, the HANDS organization is implementing a Multilayers Agroforestry Program with the support of "Say Trees Environment Trust - Bangalore". Based on the ongoing project, we have planned to expand



the plantation program up to 500 acres for the financial year 2022-23. Accordingly, we held an organization level meeting at HANDS conference hall - Gooty with former representatives. In the meeting, the planting design for the year 2022-23 was discussed with the farmers.

Finally, the meeting discussed and finalized, such as total sweet lime in the land and border forest plants; Only teak, red sandalwood and

custard apple on the borders. Accordingly, the "Say Trees and HANDS accepted and the plantation design was made in the meeting along with the farmers. Then the meeting was agreed accordingly and approved the plantation design and resolved the same in the meeting.

1. Formation and Promotion of Farmer Committees:

From 1 August 2018, the organization is facilitating 25 village level farmer committees in 4 mandals; Gooty, Guntakal, Pamidi and Vajrakarur mandals of Anantapur district. All farmer committees were formed under the "Multilayers Agroforestry Program" supported by "Say Trees Environmental Trust - Bangalore". All farmer committees have just been formed and a bank account has been opened in the name of the respective farmer committees. It's a village level and like-minded common interested farmers group like women SHGs. The main objectives of the farmer committees are as follows;

1. To Promote agroforestry orchards for daily income to the Agroforestry farmer families
2. To promote natural farming practices by imparting training to the Agroforestry farmers
3. To Promote small scale mechanization in agricultural
4. To establish updated processing machines for valuations of the agroforestry products
5. To organize farmers to access collective marketing for the agroforestry products
6. To create farmer knowledge to understand the carbon credit programs and its support to the farmers

Based on the objectives, agroforestry committees were formed at the village level under the agroforestry program. Committees' open SB bank accounts in the name of the committee only in their local level banks. All agroforestry programs are being implemented by village level agroforestry committees only. The committees created a common fund by collecting membership from members only at the village level. Only the amount deposited in their bank account.

Now for each committee, there are general funds up to; Rs: 20 to 30 thousand rupees. Now it's an initial stage, so we were unable to plan for the utilization of that amount. In the coming financial year, the plan will be evolved and utilizing the amount for further developments under the Agroforestry program.

XI. Conclusions:

The Ananthapuramu district irrigated farmers are showing interest towards tree crops. Because the farmers are getting heavy losses from the Groundnut mono cropping system. The seed cost is also very



expensive, but the yield gradually came down due to not following the crop rotation system in the fields. So many of the farmers are disappointed with the groundnut crop. Now the farmers are showing interest in growing tree crops, particularly sweet lime plantation. Because the farmers have rich experiences in growing sweet lime in the district.

But many of the sweet lime farmers failed in getting good yield due to poor maintenance and climate variability in the district. Sweet lime has good marketing facilities in the country, compared to other fruits in the market. Sweet lime is a perennial, so it has no season and it will come all the seasons. But purposely the season created in summer by farmers, based on marketing. Because, all people use the fruit juice in summers, so that the market price will be hiked in summers. As per this the summer is the main season for the crop that is January to June in the year. So the farmers are showing interest in keeping the crop in summers.

Before the summers, the farmers stop wets to the plants for one month to get much flowering, that is November and December months. After one month, they give frequent wets to the plants along with dumping many fertilizers and pesticides. By the effect of this, the plants will get full of flowering, but not stand all the flowering and



convert into fruit. Due to heavy temperature in summer, the seasonal crop fails by falling flowers, claws and nuts from the plants. In addition, the fruits are also damaged with discolours by exposing sunlight in the season.

To overcome this, the farmers need to follow Multilayer’s agroforestry system under Natural farming practices. In this context, the farmers were motivated to grow sweet lime orchards in the system of agroforestry. By following an agroforestry system, the climate variability will be minimized and crop yield will be increased. So, the project motivated the farmers towards agroforestry in promotion of sweet lime orchards in the district and successfully completed and established the models with 183 interested famers in 175 hectares (434.24 acres) irrigated farm lands with the support of “Say Trees Environmental Trust – Bangalore.

Plantation program: To take up the plantation for the year 2022-23, the farmers planned to go and select the sweet lime saplings at nurseries Simhadripuramu and surrounding villages in Kadaph district. As per plan, the farmers went to visit the plants at nurseries Simhadripuram and surrounding villages. Finally, the farmers selected the saplings and shared information to the project team. Accordingly, the “Say Trees” provided plants to the farmers by paying payment against cost of plants. Finally, the farmers collected and brought the

Total Farmers & Splings distributed										
S.No	Village	Farmers	Plantation area	Main plantation			Borders			Grand Total
				Sweet lime	Custard Apple	Total	Teak wood	Red-Sandil	Total	
1	Eswarapalli	16	37.68	5435	1791	7226	1151	875	2026	9252
2	Ragulapadu	17	41.57	5520	1904	7424	1070	1040	2110	9534
3	J Rampuramu	25	63.73	8390	3175	11565	1645	1645	3290	14855
4	Ramagiri	22	49.45	6590	1390	7980	1100	1135	2235	10215
5	Devarapalli	19	42.6	5575	1765	7680	975	1030	2180	9345
6	Erragudi	29	63.04	8200	2622	10822	1493	1760	3253	14075
7	Brahmanapalli	19	47.54	6100	1840	7940	1088	1206	2294	10234
8	Pulakunta	18	44.59	5940	1520	7460	943	1165	2108	9568
9	Ayyavaripalli	18	44.04	5880	1635	7515	1020	1110	2130	9645
	Total	183	434.24	57630	17642	75612	10485	10966	21626	96723

plants from the nurseries and planted them in selected farm lands. The total plantation was completed from July to August 2022. The details are given in a specific table;

Recommendations:

With above experiences in implementation of the project, the facilitating Agency identified some minor



gaps in implementation of the project. It was common in every project, but we need to ratify and move forward to get another step in the project. So here I have been recommending some remedies to overcome the gaps in the project implementation in future.

1. Plantation model: By planting forestry plants along the bunds in the farm land, the planting design followed an agroforestry system. But we missed biodiversity in the

main plantation to fixing sweet lime mono crops. So the sweet lime mono crop will stand up to 20 to 25 years only. If incorporating the forestry plants in the 1st layer, the plants will be continued up to 60 to 100

years. We are implementing an agroforestry program with environmental concerns. So, we need to think about long standing plants under the project.

And also, we missed the farmer's choice in choosing a different variety of plants based on the nature of soil. Through this design, the red soil farmers only benefited, but low-profile soils like; mixed, black, sandy and saline soil's farmers were disappointed. So, there is a need to bring another variety of plants in the main crop for some diversification in the model. Then, there is a need to bring some other models based on the soils, otherwise again it will be gone to a sweet lime mono cropping system as usual farmer's practices in the district.

2. Promotions of Custom Hiring Center (CHCs): Generally, the farmer cultivates open lands using bullocks



or large tractors; This is OK, but intercropping is different in plantation fields. The use of bulls or large tractors in plantation fields damages the plants and eventually the plants die. To prevent loss of plants, small farm mechanization is necessary.

Particularly in Rayalaseema districts, the Agroforestry farming is essential, for the inter cultivation in Multilayer agroforestry, the small mechanization is necessary. The

Multilayer agroforestry is an excellent model for climate change in the district. But there is a need to promote small mechanization in agroforestry farms through the project. But individual small and marginal farmers are unable to afford the cost of small mechanized machines.

Therefore, the agroforestry village level committees were formed under the project. The committees are ready to provide these services to farmers through Custom Hiring Centers (CHC). For the promotion of CHCs, the committees raised some money through their membership. The money is available in the committee in their bank accounts. So, the project needs to encourage the committees by providing some support, the Agroforestry committees are ready to provide the support to farmers under the project.

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