

Caring Friends

Helping Good NGOs Perform Better

MUMBAI



Rotary
Kolar Lakeside



**Ground
NGOs (CA)**



A PROJECT REPORT ON LAKE DESILTING & SILT APPLICATION PROJECT

**Project period:
From March 2021 to July 2021
From March 2022 to August 2022**

PROJECT TITLE: RESTORING PROMISE OF WATER (RPOW)



THE PROJECT FOR CLIMATE CHANGE THROUGH LAKE REJUVENATION BY SILT EXCAVATION

Project's prime objectives

1. Adequate collection and use of rainwater
2. Increasing the lake's capacity to store more water.
3. To augment farm production, productivity and the land value
4. Community involvement for SUSTAINABILITY & TRANSPERANCY

Expected OUTCOMES

- Reconnecting the community with the lake.
- Restoration of the lake management system
- An increase in the level of ground water. Recharge of open well as well as Bore wells
- Creating an environment conducive to restoring biodiversity.
- Greater opportunities for scaling up rural livelihoods, livestock, and food security

Expected IMPACT

Support and supplement for Carbon sequestration to mitigate global warming by the biological process.

Kolar District is LAND of LAKES



CARBON SEQUESTRATION PROCESS

1. RAINS FILLS A DESILTED WATER BODY AND CARRY MULCH, MINERALS, INTO THE WATER BODY



2. AS WATER BODY DRIES UP POST MONSOON, THIS MATERIAL IS AVAILABLE AS RICH SILT



4. THE DESILTED WATER BODY NOW HAS CAPACITY TO CAPTURE THE RAIN ONCE AGAIN



3. FARMERS APPLY THIS RICH SILT ON THEIR FARMS AND THEREBY EMPTY THE WATER BODY



LAKES REJUVENATION FOR CLIMATE CHANGE



Lake before the silt excavation work



Basaveshwarakere, Naganala- Kolar Tq,



Lake after filled rain water



Farmer- Virabhadragowda, Silt taken -500 tpls,
Crop after silt application- Tomoto



BIO DIVERSITY, LIVELIHOODS OPPORTUNITY, WOMEN EMPOWERMENT AND SUSTAINABILITY CAN BE ACHIEVED BY THIS LAKE REJUVENATION PROJECT



WORK ACHIVEMENT in RPOW season 1 & 2

▪ No. of CuM of silt excavated	5,14,099 CuM
▪ Water holding capacity has been increased	51,14,09,900 Liters
▪ No. of Tractor trolleys (TTL) silt has been excavated	1,83,607 TTL
▪ No. of Taluks covered in the District	5 Taluk in Kolar
▪ LAKES & Villages covered in the project	49 Lakes / 46 Villages
▪ No. of module silt excavation work progressed	62 Modules
▪ No. of MODULES completed of 10000 CuM	51 Modules
▪ Farmers benefitted from Lake / Tank silt	1096 Farmers

DONORS AND FUNDING FOR THE PROJECT SEASON 1&2

RESTORE PROMISE OF WATER – Lake Rejuvenation project				
DONORS	Donors Funds	Farmers fund mobilization/ Investment	Total project funds	Project period
<u>CONSORTIUM DONORS</u>	30,18, 500	68,27,816	98,46,316	March 2021 to July-2021
Caring Friends, ATE Chandra Foundation, Rotary clubs & IITFORIIT	65,51,816	2,47,48,380	3,13,00,196	March 2022 to August-2022
Total	95,70,316	3,15,76,196	4,11,46,512	

Expenses of per module from Donors is Rs. 1,86,193 (for 51.4 module which is 5,14,000 cum)

Major concerns

The findings of the project while implementing with the support of consortium of donors is as follows. Notwithstanding our findings, the State Anchor turned a deaf year and categorically said that it's PRIORITY is provide space for more water. NOT sustainability element. Our PRIORITY is sustainability after the project ends.

- A) ZERO women's involvement**
- B) NO small and marginal farmers benefitted**
- C) NEGLIGIBLE participation of SC Communities**
- D) Finally, it is benefitted only rich farmers**

Social Engineering process will take care of the major concerns in our new approach.

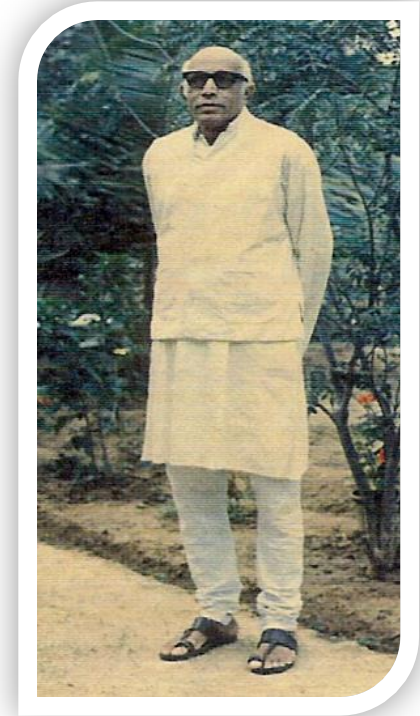
**SOCIAL ENGINEERING FOR SUSTAINABILITY and
SOCIAL ENGINEERING TO MITIGATE CLIMATE CHANGE EFFECTS IN A
SUSTAINED MANNER.**

GRAMA VIKAS

DISTRICT PROGRAM ANCHOR FOR RPOW PROJECT



- **Grama Vikas was registered as a NGO in 1979 by late Dr. N.K.A. Iyer and his friends and since then working in Kolar district.**
- **GV worked in 250 villages in Kolar District in Karnataka state. GV had worked in 100 more villages in Kadur taluk of Chickmagalur district for 5 years and Raichur taluk of Raichur district in Kalyana -Karnataka region for 8 years.**
- **GV has worked in 5 districts with 5 Farmers Producers Companies (Farmer's institutions) in Mysore, Hassan, Ramanagar, Chickballapura and Bangalore Urban.**



Through a network of NGOs known as the CAN (Collective Action Network), Grama Vikas has been active in around 300 villages spread throughout all 6 Taluks of the Kolar District.

RPOW Season- 1 & 2

Project implemented by District Program Anchor (GRAMA VIKAS)
through Community Anchors /Collective Action Network member (Native NGOs)

SN	Name of the Ground NGO (Collective Action Network)	Taluk	NGO -CEO	No. Lakes/ Modules
1	SEED	Kolar	Ms. Mallamma	4
2	BRDS	Kolar	Mr. Chowdappa	14
3	YIDS	Kolar	Mr. Hoohalli Nagaraj	7
4	VGRDS	Srinivaspura	Mr. Shivappa D T	3
5	M E T	Srinivaspura	Mr. Naryanswamy T	2
6	ICDSS	Malur	Mr. Ramachandrappa	3
7	AGS	Mulbagal	Mrs. Aruna A	16
8	Amara Foundation	Mulbagal	Mrs. Chandrakala	1
9	PHRS	Mulbagal	Mr. K Ramesh	2
10	A S K	Bangarpet	Mr. Narayanaswamy	1
11	SIREADS	Srinivaspura	Mr. Krishnamurthy	2
12	A G A Samsthe	Mulbagal	Mrs. Asha S	1
13	Grameena Mahila Okkuta	Mulbagal	Mrs. Jayalakshmi	1
14	T G S	Bangarpet	Mrs. Renuka B K	1
15	Kreji Creaters	Kolar	Mr. M R Kadam	1

SEASON -2: DETAILED REPORT

**Project period:
From March 2022 to August 2022**

Caring Friends

Helping Good NGOs Perform Better

MUMBAI



Rotary
Kolar Lakeside



**Ground
NGOs (CA)**



A PROJECT REPORT ON LAKE DESILTING & SILT APPLICATION PROJECT

**Project period:
From March 2021 to July 2021
From March 2022 to August 2022**

PROJECT ACHIVEMENT

In SEASON -2 Period: MARCH 2022 to SEPTEMBER-2022

➤ No. of Modules progressed	47 Modules / 34 Lakes
➤ No. of Tractor loads of silt transported by the farmers	1,37,491 Tractor Loads
➤ No. of M3 silt excavated	3,84,975 CuM
➤ Total No. of litres water storage capacity enhanced	3,84,975,000 Litres

5 TALUKS in Kolar District: Taluk wise details;

1. Kolar Taluk - 20 modules & 9 Lakes

2. Mulbagal Taluk-20 module & 18 Lakes

3. Bangarpet Taluk-1 Module & 1 Lake

4. Srinivaspur Taluk-3 Module & 3 Lakes

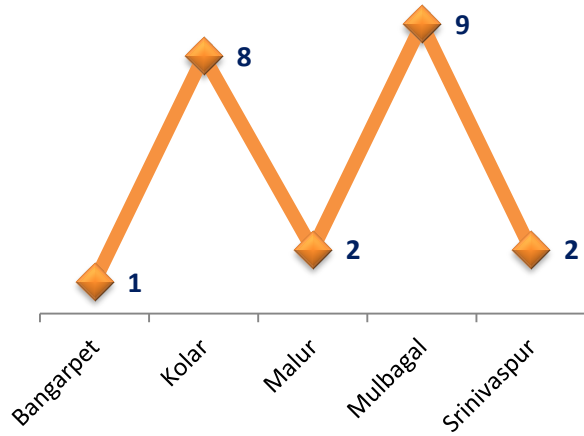
5. Malur Taluk-3 module & 3 Lakes

PROJECT ACHIVEMENT
In SEASON -2 Period: MARCH 2022 to SEPTEMBER-2022

▪ District	Kolar
▪ Taluks covered under the RPOW project in the District	5 Taluk (Except KGF)
▪ Villages covered in the project	31 Villages
▪ LAKES covered in the project	34 Lakes
▪ Silt excavation work progressed in MODULES	47 Modules
▪ No. of Modules completed 4000 loads	21 Modules
▪ No. of MODULES completed 10000 cum	39 Modules
▪ Farmers benefitted from Lake / Tank silt	675 Farmers / 3375 Population
▪ Communities, Families, Population benefitted from the RPOW	31 Community /7150 Families / 32900 Population

PROJECT ACHIVEMENT In SEASON -2 Period: MARCH 2022 to SEPTEMBER-2022

Grama Panchayat-22



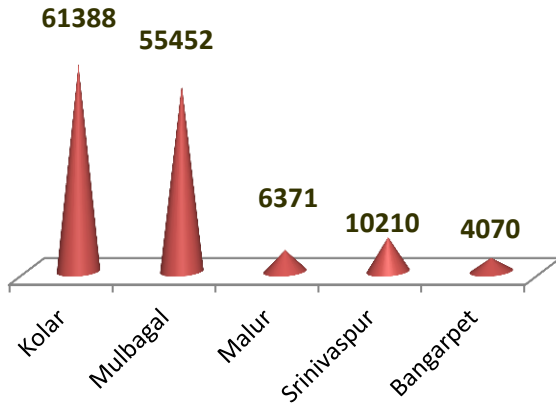
Village-32



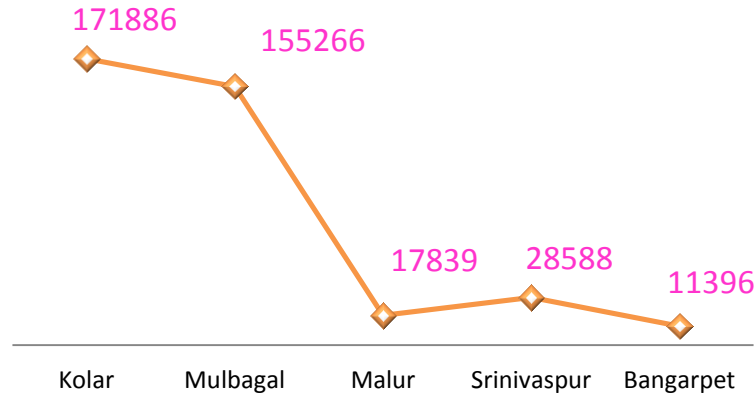
Lakes-34



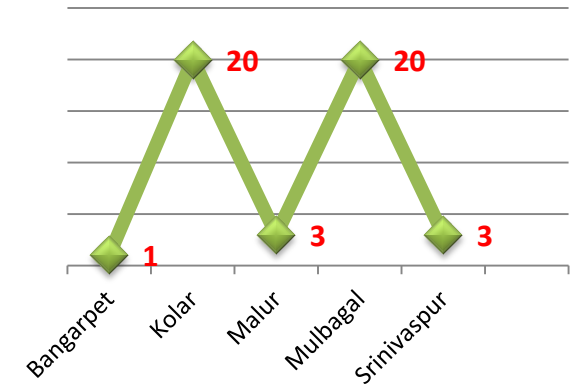
TractorTrolleys - 1,37,491



3,84,975 CuM achived

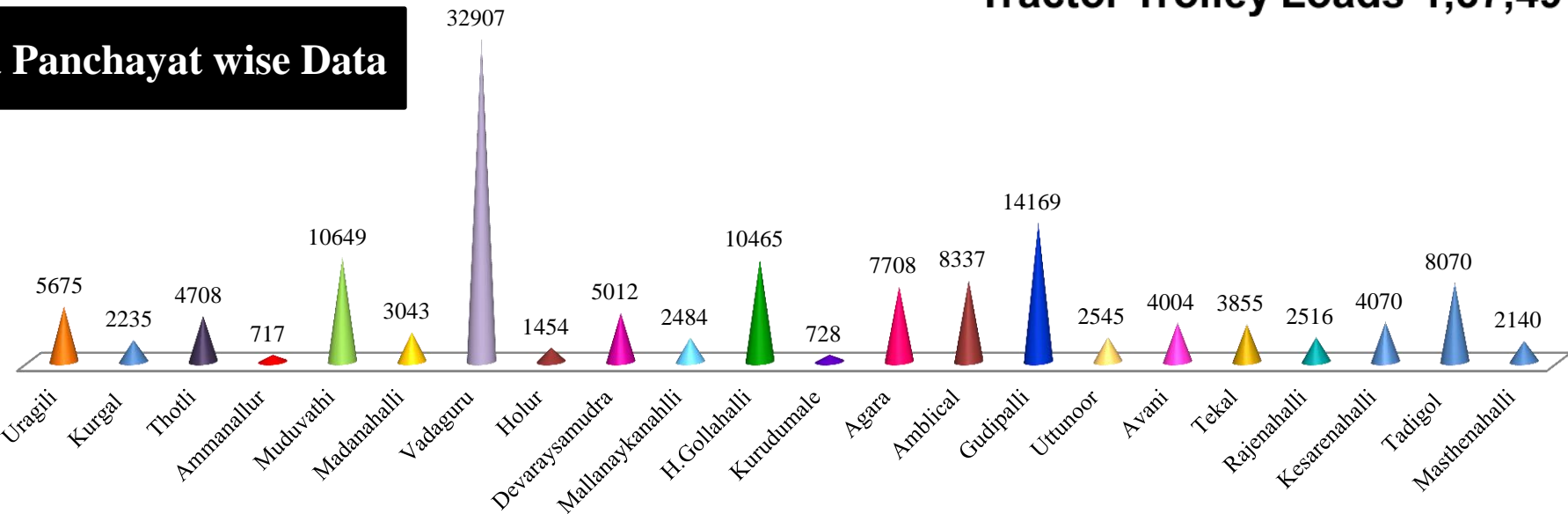


Worked Modules - 47



Tractor Trolley Loads-1,37,491

Grama Panchayat wise Data

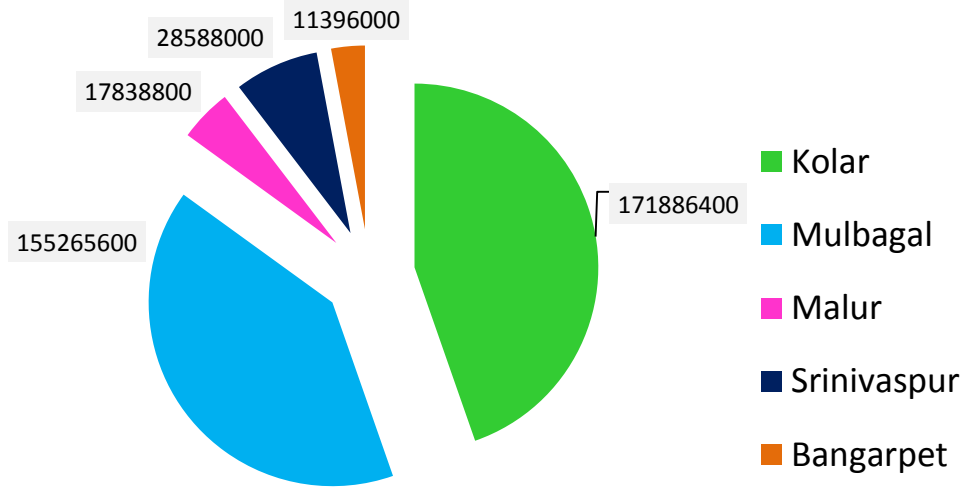
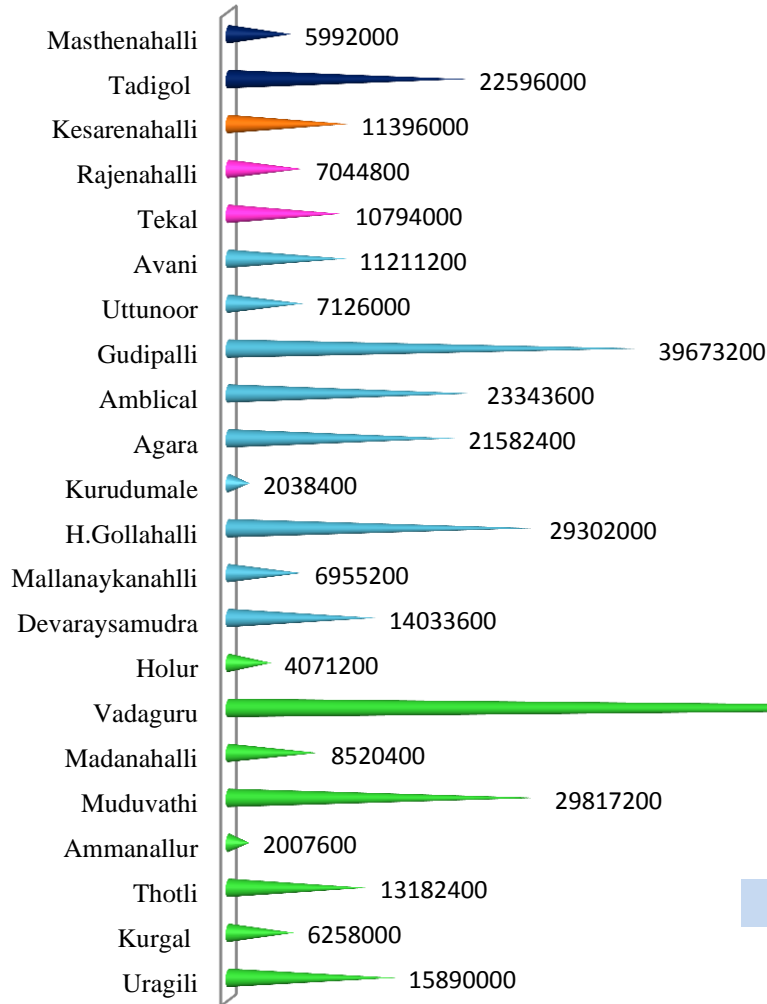


Silt excavation 3,84,975 CuM



Water storage capacity increased to 38,49,74,800 Liters

RPOW-2 :Taluk wise data



RPOW-2 GP wise data

PROJECT In SEASON -2 Period: MARCH 2022 to SEPTEMBER-2022

RECEIPTS AND PAYMENTS		
DONORS	RECEIPTS (Rs.)	EXPENSES Rs.
Caring Friends	32,77,616	32,77,616
ATE Chandra Foundation	10,00,000	10,00,000
Rotary club of Indiranagar, Bangalore	14,97,000	14,97,000
IITFORIIT	7,77,200	7,77,200
TOTAL	65,51,816	65,51,816

FARMERS INVESTMENT			Farmer' s investment %	Donor contribution %
JCB / Machine's expenses	Tractor 's expenses	Total		
Rs.41,24,730	Rs.2,06,23,650	Rs. 2,47,48,380	80%	20%

RPOW- Adopted Operating Mechanism & Monitoring Information Systems

The project is carried out using the system comprises below;

- Strengthening the knowledge and expertise of CAs and Supervisors on the whole processes and operation, supervision, community orientation, and planning of the RPOW as well as its financial practises and execution requirements.
- Common MoU with the communities / Committees
- Preparation of silt demand list from Farmers
- Lake/Tank information collection.
- Coordination with Local Government as well as District administration.
- Mobilizing Machines with legal compliances.
- Organising the Farmers to mobilise tractor trolleys
- Marking the site for silt excavation 100*100*1meter.
- Perspective photos in 3 stages.

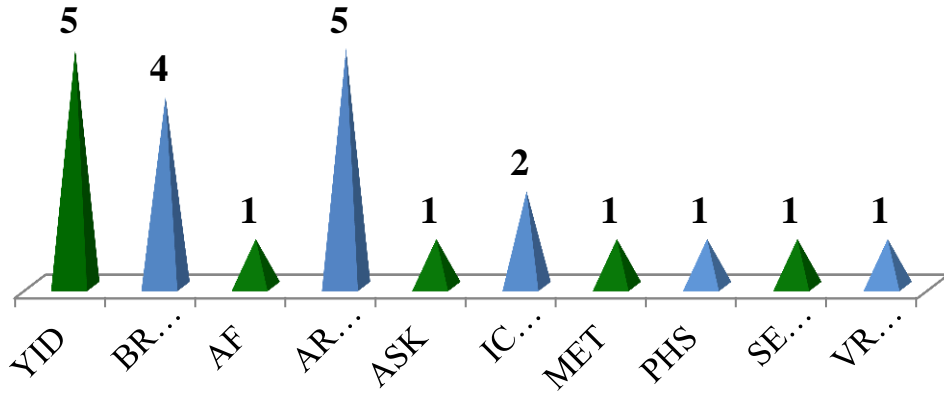
RPOW- Operation Mechanism & Monitoring Information Systems

The project is carried out using the system comprises below;

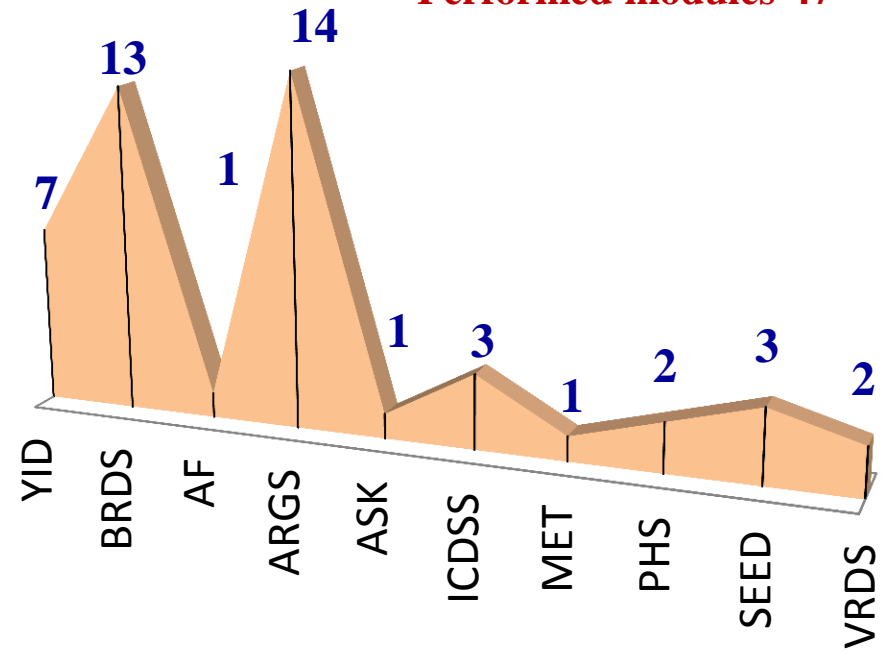
- MoU with CAs.
- An agreement with Machine Owners/contractors.
- Creating whatSapp group of partners (DA, CA & Supervisors) for sharing the information
- Monitoring of Farmer's log book , everyday.
- Daily monitoring of Machine meter readings (Start reading & ending)
- Documenting daily Data.
- Sharing daily data with CAs.
- Systematic finance operation & payment system.
- Virtual Meetings with CAs.
- Monthly twice review meetings with CAs.
- Conflict resolving.
- Data filling in AVNI app.
- Site visit and physical measurement.
- Involvement of Grama Panchayaths to seek NOC.
- Efforts to Convergence with GP and others.

Community Anchor's OUT PUT

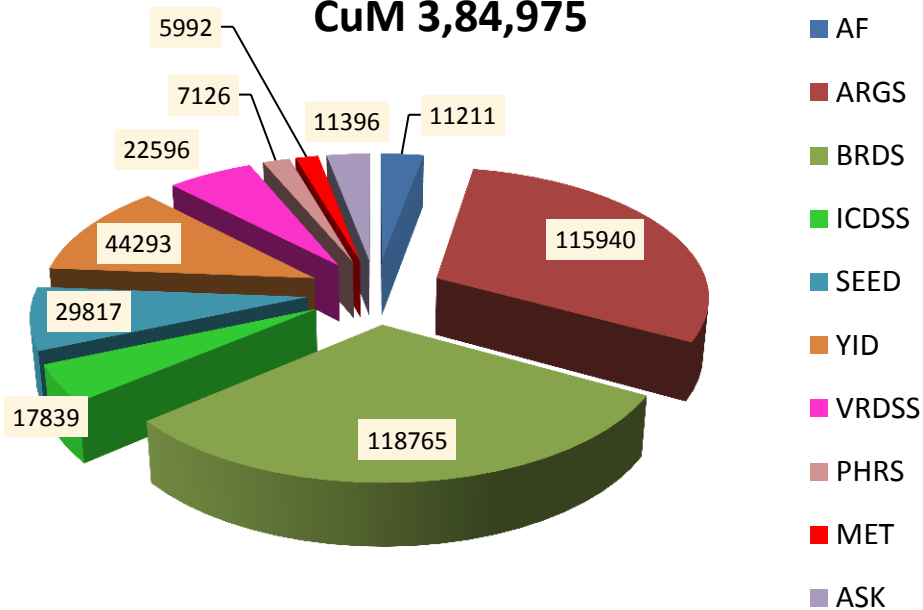
GPs covered -22



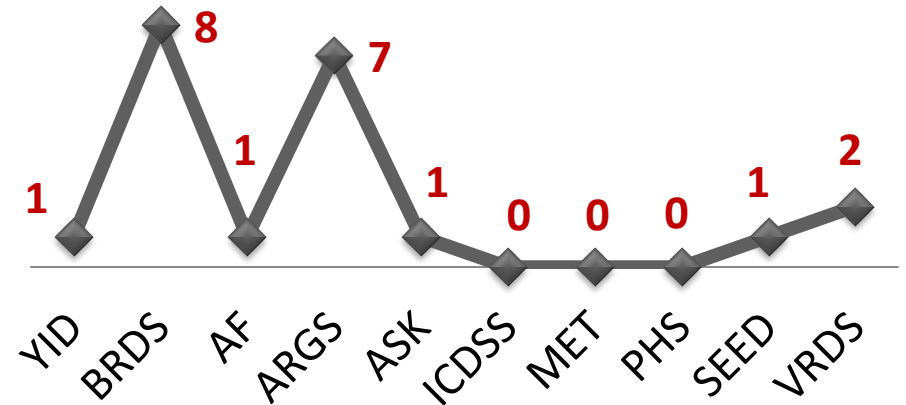
Performed modules-47



CuM 3,84,975



Completed modules-21 with 4000 TTLs



Module wise progress

DONOR - ATE Chandra foundation

SL No	Taluk	GP	Village	Tank	Module's No	CA	CEO	Work started on	Work Days	Status	Work stopped on	Load balance	Machine Hour	Load Achieved	Hour productivity	Machine cost Rs.	Farmer's cost share Rs.	Farmer's Tractor cost
1	Kolar	Uragili	Naganala	Basaveshvara tank	1	YIDS	H. Nagaraj	9.4.22	15	Complete	26.5.22	-1	234	4001	17.1	117529	120030	600150
2	Kolar	Uragili	Naganala	Basaveshvara tank	2	do	do	3-5-22	9	Rain stopped	11.6.22	2326	108	1674	15.5	49174	50220	251100
3	Kolar	Kurgal	Maliyappanahalli	Maliyappanahallikere	1	do	do	4-5-22	11	Rain stopped	13.6.22	1765	149	2235	15.0	65653	67050	335250
4	Kolar	Thotli	Aleri	Alerikere	1	do	do	23-5-22	11	Rain stopped	13.7.22	1367	156	2633	16.9	77344	78990	394950
5	Kolar	Thotli	Aleri	Alerikere	2	do	do	28-5-22	9	Rain stopped	26.7.22	1925	120	2075	17.3	60953	62250	311250
6	Kolar	Ammanalur	Ammanalur	Sathyamadevikere	1	do	do	6-11-22	4	Rain stopped	27.6.22	3283	50	717	14.3	21062	21510	107550
7	Kolar	Muduvathi	Nernahalli	Doddakere	1	SEED	Mallamma	27-4-22	18	Complete	5.6.22	-40	273	4040	14.8	118675	121200	606000
8	Kolar	Muduvathi	Jangalhalli	Naghalakere	1	do	do	06-2-22	12	Rain stopped	14.6.22	263	243	3737	15.4	109774	112110	560550
9	Kolar	Madanahalli	Velagalabure	Ediganakere	1	BRDS	Chowdappa SH	12-3-22	18	Rain stopped	26.7.22	957	208	3043	14.6	89388	91290	456450

Module wise progress

DONOR- Caring Friends

SL No	Taluk	GP	Village	Tank	Module's No	CA	CEO	Work started on	Work Days	Status	Work stopped on	Load balance	Machine Hour	Load Achieved	Hour productivity	Machine cost Rs.	Farmer's cost share Rs.	Farmer's Tractor cost
1	Kolar	Vadaguru	Vadugur	Doddakere	6	do	do	07-5-22	12	Complete	29.5.22	-4	254	4004	15.8	117618	120120	600600
2	Kolar	do	Vadugur	Doddakere	7	BRDS	Chowdappa S H	29-5-22	15	Complete	17.6.22	-2	259	4002	15.4	117559	120060	600300
3	Kolar	do	Vadugur	Doddakere	8	do	do	30-5-22	20	Complete	13.7.22	-5	263	4005	15.2	117647	120150	600750
4	Kolar	Holur	Kamasandra	Anekattekere	1	do	do	24-6-22	5	Rain stopped	28.6.22	2546	91	1454	16.0	42711	43620	218100
5	Mulbagal	Devaraysa mudra	Yalagondahalli	Jambukere	1	do	do	06-2-22	17	Stopped	5.7.22	1507	173	2493	14.4	73232	74790	373950
6	Mulbagal	Devaraysa mudra	Yalagondahalli	Jambukere	2	do	do	04-6-22	6	Rain stopped	12.6.22	1481	122	2519	20.6	73996	75570	377850
7	Mulbagal	Mallanaykahalli	Batuvarnahalli	Pulkuntekere	1	YIDS	Hoohalli Nagaraj	14-6-22	18	Rain stopped	26.7.22	1516	162	2484	15.3	72968	74520	372600
8	Mulbagal	H.Gollahalli	Nachahalli	Venkataku nte	1	ARGS	Aruna	12.0.22	4	Community stopped	15.4.22	2362	97	1638	16.9	48116	49140	245700
9	Mulbagal	H.Gollahalli	Kadirenahalli	Shettikunte	1	do	do	12.4.22	22	Complete	26.5.22	-3	243	4003	16.5	117588	120090	600450
10	Mulbagal	H.Gollahalli	Shankarapura	Bodaganakuntekere	1	do	do	01-6-22	6	Rain stopped	11.6.22	3192	50	808	16.3	23735	24240	121200
11	Mulbagal	Kurudumale	Madagatta	Doddakere	1	do	do	09-5-22	3	Rain stopped	6.1.22	3272	45	728	16.3	21385	21840	109200

Module wise progress

DONOR- Caring Friends

SL No	Taluk	GP	Village	Tank	Module's No	CA	CEO	Work started on	Work Days	Status	Work stopped on	Load balance	Machine Hour	Load Achieved	Hour productivity	Machine cost Rs.	Farmer's cost share Rs.	Farmer's Tractor cost
12	Mulbagal	Agara	Sathanuru	Sathanurkere	1	do	do	26-05-2022	12	Complete	29.6.22	-250	264	4250	16.1	124844	127500	637500
13	Mulbagal	Agara	Kondenahalli	Ajjanakere	1	do	do	11-07-2022	18	Rain stopped	30.7.22	542	206	3458	16.8	101579	103740	518700
14	Mulbagal	Amblical	Tathigatta	Ralakuntekere	1	do	do	30-05-2022	10	Complete	1.6.22	-276	260	4276	16.4	125608	128280	641400
15	Mulbagal	Amblical	Tathigatta	Doddakere	1	do	do	02-06-2022	15	Complete	19.6.22	-61	246	4061	16.5	119292	121830	609150
16	Mulbagal	Gudipalli	Nagenahalli	Doddakere	1	do	do	24-06-2022	10	Complete	3.7.22	-1	249	4001	16.0	117529	120030	600150
17	Mulbagal	Gudipalli	Nagenahalli	Doddakere	2	do	do	12-08-2022	10	Project stopped	18.8.22	1695	141	2305	16.3	67709	69150	345750
18	Mulbagal	Gudipalli	Kallarasana halli	Chinnapanakuntekere	1	do	do	25-06-2022	13	Complete	11.7.22	26	246	3974	16.2	116736	119220	596100
19	Mulbagal	Gudipalli	Gudipalli	Doddakere	1	do	do	12-07-2022	5	Rain stopped	16.7.22	2800	75	1200	16.1	35250	36000	180000
20	Mulbagal	Gudipalli	Uobandahalli	Hosakere	1	do	do	14-07-2022	16	Rain stopped	30.7.22	1311	166	2689	16.2	78989	80670	403350
21	Mulbagal	Uttunoor	Banahalli	Banahallikere	1	PHS	K Ramesh	26-05-2022	6	Rain stopped	1.6.22	1694	154	2306	15.0	67739	69180	345900

Module wise progress

DONOR- Caring Friends

SL No	Taluk	GP	Village	Tank	Module's No	CA	CEO	Work started on	Work Days	Status	Work stopped on	Load balance	Machine Hour	Load Achieved	Hour productivity	Machine cost Rs.	Farmer's cost share Rs.	Farmer's Tractor cost
22	Mulbagal	Uttunoor	Vaniganahalli	Vaniganahallikere	1	PHS	K Ramesh	16-06-2022	2	Rain stopped	17.6.22	3761	14	239	17.0	7021	7170	35850
23	Malur	Rajenahalli	Doddakalahalli -	Shettykere	1	ICDSS	do	12.04.2022	2	Politics stopped	13.4.22	3761	19	239	12.4	7021	7170	35850
24	Malur	Rajenahalli	Chikkalahalli -	Nagarakallukere	1	ICDSS	do	07-05-2022	9	Rain stopped	26.5.22	1723	142	2277	16.0	66887	68310	341550
25	Bangarpet	Kesarenahalli	Kesarenahalli	Thimarayanakere	1	ASK	M.Narayanaswamy	13.04.2022	27	Complete	26.6.22	-70	261	4070	15.6	119556	122100	610500
26	Srinivaspur	Tadigol	Tadigol	Hosakere	1	VRDS	Shivappa D T	27-04-2022	25	Complete	17.6.22	-4	258	4004	15.5	117618	120120	600600
27	Srinivaspur	Tadigol	Tadigol	Doddakere	1	do	do	14-05-2022	23	Complete	25.6.22	-66	243	4066	16.7	119439	121980	609900
28	Srinivaspur	Masthenahalli	Bhoraganahalli	Bhoraganahallikere	1	Matha	T Narayanaswamy	16-05-2022	11	Rain stopped	2.6.22	1860	138	2140	15.5	62863	64200	321000

Module wise progress

DONOR- Rotary club of Indiranagar, Bengaluru

SL No	Taluk	GP		Tank	Module no	NGO	CEO	Work started on	Work Days	Status	Work stopped from	Load balance	Machin e Hour	Load Achieved	CuM Achieved	Per hour load	Machine cost Rs.	Farmers cost share Rs.	Farmer's Tractor cost
1	Kolar	Vadaguru	Vadaguru	Doddakere	1	BIRDS	Chowdappa S H	9.4.22	11	Complete	21.4.22	110	249	3890	10892	15.6	114269	116700	583500
2	Kolar	Vadaguru	Vadaguru	Doddakere	2	do	do	12.4.22	15	Complete	6.5.22	-31	254	4031	11287	15.9	118411	120930	604650
3	Kolar	Vadaguru	Vadaguru	Doddakere	3	do	do	14.4.22	27	Complete	13.5.22	-32	250	4032	11290	16.1	118440	120960	604800
4	Kolar	Vadaguru	Vadaguru	Doddakere	4	do	do	22.4.22	14	Complete	9.5.22	-39	249	4039	11309	16.2	118646	121170	605850
5	Kolar	Vadaguru	Vadaguru	Doddakere	5	do	do	5.5.22	11	Complete	28.5.22	-21	253	4021	11259	15.9	118117	120630	603150
6	Kolar	Vadaguru	Vadaguru	Doddakere	9	do	do	11.7.22	4	Rain stopped	16.7.22	3117	62	883	2472.4	14.3	25938	26490	132450
7	Malur	Tekal	Mitiganahalli	Taalikere	1	ICDSS	Ramachandra appa	9.4.22	14	Rain stopped	11.5.22	145	259	3855	10794	14.9	113241	115650	578250
8	Mulbagal	H.Gollahalli	Thornahalli	Thornhallikere	1	ARGS	Arunodaya	2.6.22	16	Complete	26.6.22	-16	247	4016	11245	16.3	117970	120480	602400
9	Mulbagal	Avani	Virupakshi	Bagalakuntekere	1	AF	Chandrakala	9.4.22	19	Complete	3.7.22	-4	245	4004	11211	16.3	117618	120120	600600
10	Kolar	Muduvathi	Nernahalli	Doddakere	2	SEED	Mallamma	14.5.22	7	Rain stopped	12.6.22	1128	187	2872	8041.6	15.3	84365	86160	430800



Lake before the silt excavation work

11,312 CuM silt excavated
Nernahalli Doddakere, Kolar Tq,
SEED (CA), Mallamma , CEO



Lake after filled rain water



Lake before the silt excavation work

**Sathnurukere, Mulbagal Tq,
Ms. Aruna CEO, ARGS (CA)**



11,900 CuM silt excavated

Lake after filled rain water



Lake before the silt excavation work

Madhagatta Doddakere, Mulbagal Tq
Ms. Aruna CEO, ARGs CA)



Lake after filled rain water

2038 CuM silt excavated



Lake before the silt excavation work

Gudipalli Doddakere , Mulbagal Tq,
Ms. Aruna, CEO, ARGS (CA)



3360 CuM silt excavated

Lake after filled rain water



Lake before the silt excavation work



TOM_DOLLY

Shettykunte, Mulbagal Tq, Ms. Aruna, CEO, ARGES (CA)



Lake after filled rain water

TOM_DOLLY



11208 CuM silt excavated



Lake before the silt excavation work



Tadigol Doddakere, Srinivasapura Tq, VGSS (CA)



Lake after filled rain water



11,384 CuM silt excavated

WORK MONITORING & INFORMATION SYSTEM

Local paper news

ಶಾರವಾಣಿ 28-APR



Measurement recording



Committee meeting

ನೆನಹಟ್ಟಿ ಕೆರೆ ಅಭಿವೃದ್ಧಿಗೆ ಪಂಚಾಯತಿ ಅಧ್ಯಕ್ಷರಿಂದ ಜಾಲನೆ



ಶಾರವಾಣಿ 28-APR
ಶಾರವಾಣಿ 28-APR
ಶಾರವಾಣಿ 28-APR



Perspective photo before the work

No	Tank	CR	Tank	MR	CR	CR	Work start Date	Work Done	Work Status	Start Time	End Time	Work Done	Work Status
1	Kolar	Ulagli	Nagarala Bearebhara tank	1	YUDS	DR Bearebhara tank	04-05-2022	15	Completed	06:32	No	1	1
2	Kolar	Ulagli	Nagarala Bearebhara tank	2	do	do	04-05-2022	9	Not started	11:22	No	220	220
3	Kolar	Kargal	Malyappaiah tank	1	do	do	04-05-2022	11	Not started	11:22	No	1750	1750
4	Kolar	Thoti	Alerkere	1	do	do	24-05-2022	11	Not started	11:22	No	1267	1267
4	Kolar	Thoti	Alerkere	2	do	do	24-05-2022	9	Not started	26:22	No	1925	1925
4	Kolar	Annemallur	Sathyamkrishna tank	1	do	do	06-11-2022	4	Not started	27:22	No	3281	3281
7	Mulbagal	Mallanekal	Bharanahalli Pulihankere	1	do	do	14-05-2022	18	Not started	26:22	No	1514	1514
8	Kolar	Madihalali	Venugabere-Halgankere	1	BRDS	DR Chennarayana	12-03-2022	18	Not started	26:22	No	857	857
9	Kolar	Vadigere	Vadigere	1	do	do	09-04-2022	11	Completed	21:42	No	114	114
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Daily data sharing to the CAs

Famer's log entry

Date: 29-1-22
Site Supervisor: [Name]
Mobile Number: [Number]

Machine Type: JCB / Paddy / Other
Machine Registration Number: KA-5UM-0997
Start Time: 8:00 AM End Time: 6:30 PM
Start Hour Meter Reading: 12655.0 Diesel Filled into Machine: [Litres]
End Hour Meter Reading: 12665.1

ಶಿರಗುಡ್ಡೆ (Farm Name)
973167008 (Mobile Number)
 Tractor Paddy Dumper Paddy Dumper Paddy Dumper
Total Number: 50
Bunker Type: Yes / No

ಶಿರಗುಡ್ಡೆ (Farm Name)
973167008 (Mobile Number)
 Tractor Paddy Dumper Paddy Dumper Paddy Dumper
Total Number: 50
Bunker Type: Yes / No

JCB meter reading collection



Latitude: 13.428324
Longitude: 78.200884
Elevation: 830.77±10 m
Accuracy: 10.8 m

Doddakere Apr 2022 [View Details](#)

Visit Date: 25-Apr-2022

Excavating Machine: KA 07 EX 6000

Machine end hour reading: 14187.4

Machine hour reading when diesel filled: 14177.6

Log book image 1: [Image]

Machine start hour reading: 14177.6

Remarks: No

Are machine start and end: Yes

Data uploading in AVNI app

machine as per time: [Time]
Machine end time: 6:49 PM
Working hours of machine: 9.7999999999999272 hours
Machine start time: 8:45 AM

Reject Approve

ಶಾರವಾಣಿ 28-APR
ಶಾರವಾಣಿ 28-APR
ಶಾರವಾಣಿ 28-APR

ಶಾರವಾಣಿ 28-APR
ಶಾರವಾಣಿ 28-APR
ಶಾರವಾಣಿ 28-APR

ಶಾರವಾಣಿ 28-APR
ಶಾರವಾಣಿ 28-APR
ಶಾರವಾಣಿ 28-APR



JCBs drivers effective engagement

Site marking before the work

MONITORING Visits by Donors, Auditors and programme partners



CHALLENGES & REASONS FOR SLOW PROGRESS

<ul style="list-style-type: none"> ➤ Excavation work not started in season ➤ Farmer's investment for excavation and silt transportation are major key challenging issue ➤ Community's committees not strengthened ➤ Early monsoon ➤ Works stopped due to RAIN ➤ All CA partners are not showing much interest ➤ Supervisors lesser capacity in working with farmers & technical ➤ Output less than 16 trolley loads ➤ Requiring more number of JCB hours ➤ Extending more number of days ➤ More time requiring to operate the AVNI app also internet 	<ul style="list-style-type: none"> • Management of Tractors, Drivers, Farmers are more challenging and time consuming factors. In time, required number of trolleys, full day engagement as per planned schedule is not up to mark as expected. Farmers have changed their priorities in farm activities. Attracting the farmers is difficult in 50% JCB cost sharing and with their cost tractors. • Engaging new model or high capacity (hp) machines are very difficulties by the implementers because , Diesel rate is hiked and rent rate which is fixed is less per hour as their views. • Less interest in community involvement & committee responsibilities. • Farmers have no time to sit and discuss about their own development activities. • Village conflicts & politics interferences. • Govt. / GP persons leading bribes. • Silt commercialization crises & threats. • Seasons / Rain/ farming disturbance. • Sunday/Festival holiday. 	<ul style="list-style-type: none"> ✓ Non cooperation in time management by the tractor drivers. ✓ Waste of time in mobile usage ✓ High distance , less trolleys ✓ Road repair issues ✓ Issues of Jungle cleaning in the silt excavation area ✓ Silt quality and selection issues ✓ More number of M3 silt loading to manage farm distance ✓ Single JCB operating ✓ Automatic speed controlling system in JCBs ✓ Driver's mobile disturbance ✓ Diesel & Driver bata & food expenses issues etc... ✓ Conflict resolutions process ✓ Govt. convergence ✓ More number of days time consuming to processing the project activities
---	---	---

SEASON -1: DETAILED REPORT

**Project period:
From March 2021 to July 2021**

Tank De-siltation Project details in season -1 Year 2021-22

District : Kolar

* Taluk wise tanks covered under the project :

Kolar-3, Malur-3, Bangarpet-1,

Mulbagal-4 & Srinivasapur-4.

* Total work has been done in 15 tanks.

* Total goal of the de-siltation is **1,80,000 m³**

* Total **1,06,364 m³** / **46116** trolleys silt has been excavated in the 15 Tanks.

* **1,06,364 ,000** liters of water holding capacity has been increased by excavation of tanks silt.

Project details in SEASON -1 May to July 2021

- * Total No. of days worked (average) : 18
- * Total No. of Farmers taken silt: 426
- * Total No. of JCB hours :2923
- * **Total budget invested for excavation : Rs. 97,83,829**
- Donors grants for excavation 22,59,394 & for HR Rs. 2,72,649/-
Total Rs.25,32,043/- From the Donors
- FARMERS INVESTMENT for silt transport is Rs. 69,17,400/-
(**46116** trolleys) & cost share for JCB fuel by farmers
Rs.3,71,576/- Total by the farmers Rs.72,88,976 .



Narayanaswamy, Farmer, taken 149 tractor load silt ,
Pichguntlahalli village, Mulbagal tq



Rain water filled up after the de-siltation work in Gownikuntekere,
Thippadoddi, Mulbagal Tq.



Doddathammanahallikere , Mulbagal Tq.



12195 CuM silt complete excavated as goal in
Doddathammanahallikere, Mulbagal Tq.

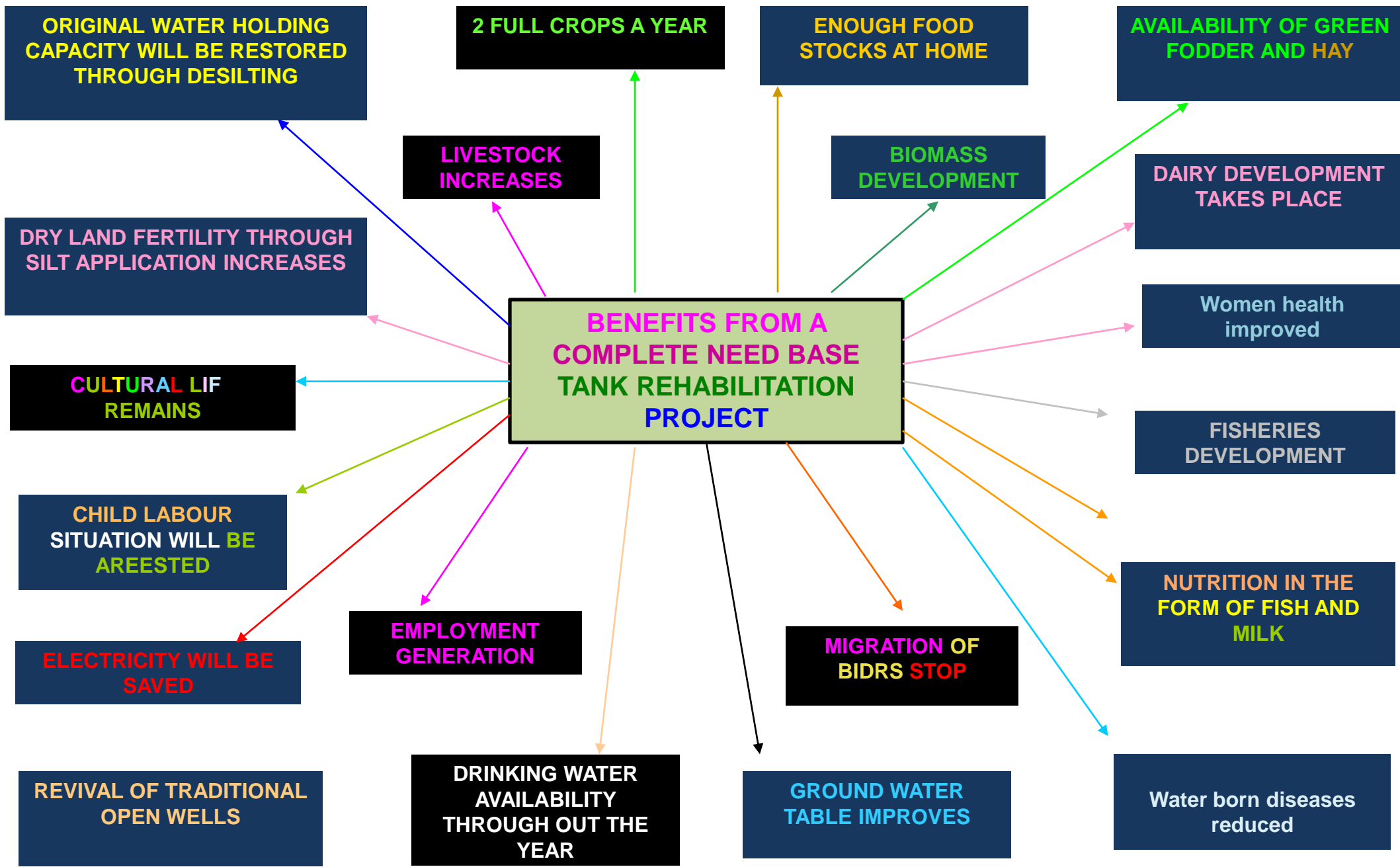


Sallukunte Kere, Srinivaspura Taluk



Tank (Lake) **WATER** BENEFITES





Tank (Lake) **SILT** BENEFITES



APPLYING TANK SILT (IRRIGATION WATER BODY) ON DRY LAND FARMS FOR IMPROVING SOIL FERTILITY AND PRODUCTIVITY

Increase in yield, resistance to pests and diseases, improvement in quality of produce and retention of moisture in soil and saving of expenditure on inorganic fertilisers due to application of tank silt to lands:

Crop	Average crop yield (quintals per hectare)		% increase
	Without tank silt	With tank silt	
Groundnut (protective irrigation)	9	14.4	60
Ragi (irrigated)	22	40	82
Ragi (rain-fed)	9	16.2	80
Maize (irrigated)	30	53	77
Potato (irrigated)	160	268	90
Tomato Hybrid (irrigated)	400	720	80
Mulberry leaf yield (irrigated)	16	28	80

Tank (Lake) **GROUND WATER** Situation in Kolar District



Table explaining the ground water situation of the Kolar district in Karnataka in India

SI No	Taluk	Net Annual Ground water availability (HAM)	Existing Ground water draft for all uses (HAM)	Net Ground water availability for future Irrigation Development (HAM)	Categorization based on Stage of Ground water Development (% area)			
					Safe	Semi critical	Critica	Over Exploited
1	Bagepalli	5700.27	6997.83	989.59	8	47	-	45
2	Bangarpet	9765.22	21852.10	0	-	-	-	OE
3	Chikaballpur	5911.60	13159.66	0	-	-	-	OE
4	Chintamani	4530.98	8529.95	0	-	-	-	OE
5	Gauribidanur	5084.24	11014.26	0	-	-	-	OE
6	Gudibanda	1227.56	2374.02	0	-	-	-	OE
7	Kolar	4569.00	6726.21	0	-	-	-	OE
8	Malur	4872.98	11629.10	0	-	-	-	OE
9	Mulbagal	6991.22	13986.12	0	-	-	-	OE
10	Sidlaghatta	5738.53	13154.90	0	-	-	-	OE
11	Srinivaspur	4192.36	5522.67	0	-	-	-	OE
	Total	58584	114947	989.59				

Tank (Lake) Integrated Structure



Tank /LAKE System

