




# ANNUAL REPORT 2020



**RESEARCH AND  
DEVELOPMENT  
FOUNDATION-RDF**

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# 1. Foreword

We are pleased to present RDF's Annual Report 2020, which illustrates RDF's commitment to strengthening and building resilient communities, emergency relief initiatives and achievements against RDF's five years strategic plan. The year 2020 has been one of the most difficult for all the people around the world in general and catastrophic for vulnerable communities in particular. Emergence of COVID-19 pandemic and heavy floods in Sindh required extra ordinary efforts to support the already poor communities. It is proud moment to share that RDF's response to the COVID-19 pandemic was second to none in the Sindh province. In its response to the emergencies, RDF not only supported communities but it also assisted government departments in their response to the Pandemic and flood emergency.

In year 2020, in its effort to reach most vulnerable communities, build a community based adaptation system, improve livelihood and economic empowerment of poor people and support them during flood emergency and COVID-19 pandemic, RDF stretched its outreach to nine districts of Sindh including Dadu, Jamshoro, Hyderabad, Tando Allahyar, Sanghar, Mirpur khas, Tharparkar, Thatta and Khairpur Mir's.

Overall, the year 2020 has been more challenging than the previous years, as for almost three months all the activities were halted due to governments directives in response to COVID-19 pandemic.

However, in spite of all the challenges, RDF has been able to not only achieve its targets but has also gone extra mile. The Water Project in MirpurKhas helped farmers to learn modern water management techniques and improved infrastructure of existing irrigation system, which resulted in efficient use of water and enhanced the crop yields. Youth project in Jamshoro supported young entrepreneurs in developing market linkages and increase their employability options. Women Empowerment Project in Tando Allahyar and Sanghar continued strengthening rural women in their efforts to secure well-being of children, sustainable livelihood and their savings reached record ten million. Through RDF's education program, quality primary education was ensured in government schools of district Sanghar, where a conducive learning environment helped students to broaden their learning. Contributing to Community Resilience Building, in year 2020, RDF left no stone unturned in its efforts to strengthen communities, from building capacity of individuals on climate resilient farming to developing grazing lands, RDF has managed to create a significant impact on people's life by engaging them in different community resilient building initiatives.

We acknowledge the hard efforts of RDF team, who stand strong and remained committed in spite of all the challenges of year 2020. We are also thankful to our General Body, the Board, donors, the volunteers and community for all their support.

**Dr. Fateh Muhammad Marri**  
Chairman BoD

**Ashfaq A. Soomro**  
Executive Director





# 2. Who We Are

### Our Vision

Equitable and Eco-Friendly World

### Our Mission

Innovating Social Solutions and Building Social Institutions

### Our Values

Value People, Value Integrity, Value Nature, Value Relationships, Value Creativity, Providing Equal Opportunities

**Outreach to villages: 1254**

### Our Projects

Projects launched in 2020: **13**  
No: of Ongoing projects: **11**  
Total No. of Project as of 2020: **24**

### Our Thematic Areas

Agriculture and Livelihood program

Health, Water, Sanitation and Nutrition Program

Community Resilience Building Program

Education and Learning Program





## 3. Our Commitment

RDF has been supporting communities in rural areas of Sindh province to address challenges of food security, unemployment, quality education, women empowerment, environment and disaster management at local level through community institutions and stakeholder engagement process.

### Key Features of Our Work

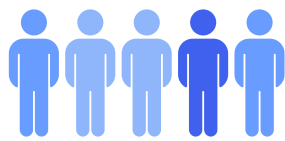
- |  |  |
|--|--|
| 1. Follow all national policies, rules and regulations in operations | 6. Maintaining dignity at work                   |
| 2. Zero tolerance to malpractices and disciplinary matters           | 7. Transforming learning and program efficacy    |
| 3. Resource efficiency and timely completion of targets              | 8. Protection of the rights of vulnerable people |
| 4. Respect to environment and cultural norms while execution         | 9. Accountable to stakeholders                   |
| 5. Transparency and delegation of authorities                        | 10. Active stakeholders engagement               |





# 4. Highlights of Year 2020

**Villages we served 1254**  
**Projects Launched 13**  
**Beneficiaries Reached 777,199**



**Male 225,068**



**Female 213,829**

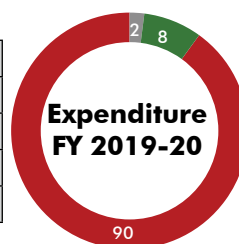


**Children 338,302**

## Financial Portfolio

Financial Portfolio 2019-2020

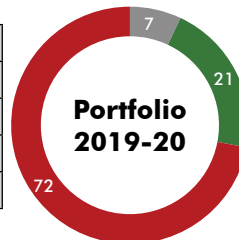
Expenses	Amount in PKR
Project Expenses	277,626,923
General and Administration Expenses	26,079,541
Project Support Expenses	6,659,518
<b>Project Support Expenses</b>	<b>310,365,982</b>



- Project Expenses
- General and Administration Expenses
- Project Support Expenses

Total Budget FY 2020-21

Total Incomes:	310,365,982
Total Expenditures	310,365,982
Total Assets	123,977,971
Total Liabilities	20,686,482
Accumulated Fund / Equity	103,291,489

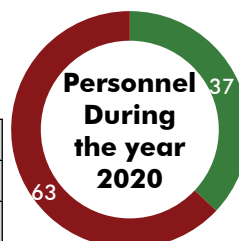


- Program Budget
- Program Support Budget
- Overhead Budget



## Staff Strength

Female staff	91
Male Staff	152
<b>Total Staff</b>	<b>243</b>



- Male
- Female

## 5. Agriculture and Livelihood Program

### 5.1 Economic Empowerment and livelihood

One's ability to progress financially and being able to opt for choices of life that involves economic decisions are the result of Economic empowerment. RDF has been striving for the economic development and empowerment of communities in Sindh since its inception. RDF sees Economic Empowerment as a tool to eradicate major problems prevailing in the society.

Major achievements under Livelihoods program include:

- New **80 SHGs** were formed in Tando Allahyar in **Sustainable Empowerment of Women** and **Women Empowerment through Self Help Groups** projects
- **1570** females enrolled in literacy classes in **Tando Adam** and **Tando Allahyar** through **Women Empowerment through Self Help approach Groups** projects.
- **845** females were facilitated in kitchen gardening in **Securing Water Rights Project, MPK** and **Women Empowerment through Self Help Groups, TAY**
- **2,845** females were given awareness

about **COVID-19** in **Sustainable Empowerment of Women, TAY** and **Women Empowerment through Self Help Groups, TAY**

- **4,172** males, females were trained on business skills through **Self Help Groups in district TandoAllahyar**.
- **155** young male and females secured jobs in district Jamshoro under Empower Youth for Work Project approximately **3348** (1949 Female and 1399 Male) youth were trained on different life skills and employability skills.





## 5.2 Empower Women Through Self Help Approach

RDF has been implementing Self Help Approach (SHA) since 2018 in District Tando Allahyar and Sanghar, which is aimed at empowering women and help them combat poverty on self-help basis. The approach has been proven to bring about changes in women’s lives, first regarding their attitude and self-esteem followed by their socio-economic and political empowerment. Through their involvement in Self Help Groups (SHGs), women gain power, knowledge and capacities that ultimately contributes to the well-being of their children. In year 2020, following three projects were continued:



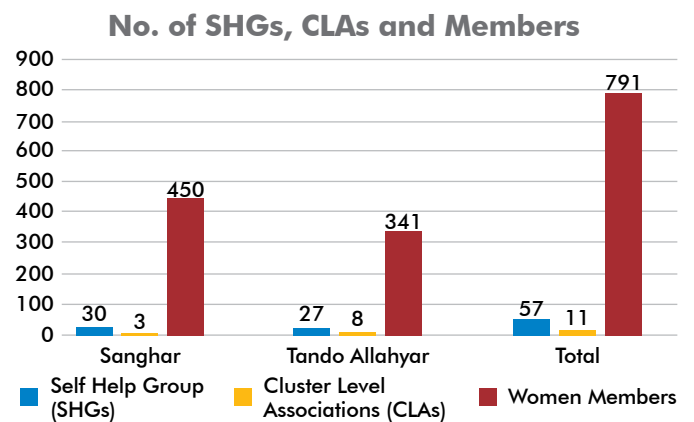
1. Sustainable Women Empowerment in Tando Allahyar
2. Women Empowerment through Self Help Groups, District Tando Allahyar
3. Child-focused Community Development with Self Help Approach, District Sanghar

SHA projects have been significantly contributing in achieving strategic sustainable development goals specifically SDG 1: No poverty, SDG 2: Zero Hunger, SDG 3: Good health and Well-Being, SDG 4: Quality Education, and SDG 5: Gender Equality. Following are the milestones achieved through RDF’s SHA program during the year 2020:



### Formation and Capacity Building of Self Help Groups (SHGs) and Cluster Level Associations (CLAs)

Formation of women self help groups is the initial level of SHA Approach that leads to social, economic and political empowerment of women and strengthen their decision-making ability. Groups formation is followed by the formation of CLAs, consisting of 8 to 10 strong SHGs, that works on a broader level to effectively address the community needs. In the year 2020, 57 new SHGs and 11 CLAs have been formed. Below graph highlights total no. of SHGs, CLAs and women membership.



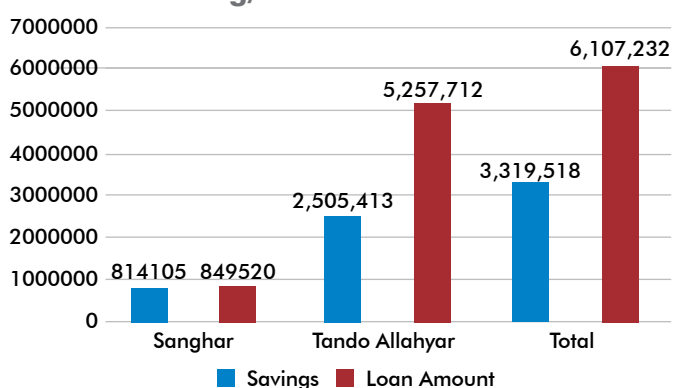
Providing capacity building and skills trainings to women has always been focus of RDF, because we believe that capacity building and professional skills trainings are the ways that actually strengthen and empower the rural women socially, economically and politically. Members were provided with 6 module trainings to develop the knowledge and skills they need to function successfully as SHGs. Members were also provided with business promotion trainings to build their capacity to run their enterprises smoothly. Below table shows number of SHG members trained:



Trainings	Sanghar	Tando Allahyar	Total
Module I-Concept and Management of SHGs	1902	2,314	4,216
Module II-Savings and Loan Management	1902	2,733	4,635
Module III- Goal Setting	1902	1,915	3,817
Module IV- Conflict Management and Leadership Skills	1902	1,888	3,790
Module V- Communication Skills	1902	1,783	3,685
Business planning and skills Management	1902	1727	3,629

District	No. of Women Groups Formed in 2020	No. of Women CLAs Formed in 2020	Group Membership
Sanghar	30	3	450
Tando Allahyar	27	8	341
Total	57	11	791

Saving/Loan Amount 2020



Savings and Use	Sanghar		Tando Allahyar	
	In 2020	As of 2020	In 2020	As of 2020
Total Savings (In PKR)	814105	2299955	2,505,413	11,166,960
No of Loans Borrowed	285	1153	905	3173
Loan Amount (In PKR)	849520	2936420	5,257,712	223,837,342
No of Enterprises Established	190	1058	532	1,753

## Formation and Strengthening of Women Federation

Federation forms the governance level of SHG Approach which is aimed at political empowerment. It serves as a representative body to carry out certain tasks on behalf of SHGs and CLAs and provides organizational and linkage building support to SHGs and CLAs. Women Federation has been strengthened through refresher trainings that built the capacity of federation pertaining to SHGs, CLAs, M&R tools, monitoring of goals and record keeping of SHGs and CLAs. Federation has also been facilitated with trainings on resource mobilization, writing project proposals, report writing skills and linkage building. Resultantly, the federation members have submitted a proposal to MNA Mrs. Shazia Mari, which was related to girl's education and women vocational training center. Federation

has built its strong linkages and coordination with Social Welfare Department and Provincial Finance Commission (PFC) for the rights of women. They have also submitted funding request applications to different stakeholders and received funds from them, they celebrated different women events. The federation has extended its support to RDF in different interventions including hand pumps installation and CNIC registration.



**Connecting Communities to local decision-makers (Building Linkages/ Linkage Building)**

RDF facilitated the members of SHGs and CLAs in building their linkages with local bodies i.e government officials and politicians to avail government services along with their assistance in various communal issues. During the year 2020, following formal meetings and linkages were arranged by SHG activists at District Level with Development institutions.

- ✓ CLA of village Sarang Hakro conducted meeting with Assistant Deputy Commissioner, Tando Allahyar, Education Department, Livestock Department and Election Commission of Pakistan. The SHGs met ADC for availing support for flood affected households. COVID-19 specific issues were discussed with the authorities.
- ✓ CLAs of Village Qazi Noor Mohammd, Sarang Hakro, Village Shadi Walhari, Pak Sanghar and Allah Warayo Meer Jat, conducted the series of meetings with Allight Pakistan for the provision of school furnitures. Consequently/Resultantly, Allight Pakistan visited the school and decided to provide the school furniture of Rs. 20,000/- per school.

- ✓ SHGs and CLAs developed their linkages with NADRA for the CNIC registration camps. 15 CNIC registration camps were organized at Allah Rakhio Pathan, Bhar Meer Jat, Sarang Hakro, Darya Khan Hingoro, Janan Hingoro, Dito Kalaroo, Missan, Qazi Noor Mohammad and Shadi Walhari, resulting in the registration of total 236 CNICs with the renewal of 672 NICs.



**Tree Plantation and Vegetable Gardening**

During year 2020, the SHG members planted 9091 tree saplings. Besides, 626 plots of kitchen gardening were developed by the women.





### 5.3 Securing Water Rights and Use, for Farmers Project in Mirpurkhas

The water management project completed its fourth year in 2020. The project has addressed the challenge of equitable distribution of water, conservation and water efficient agriculture through capacity building and empowerment of the farmers, peasants, line departments and demonstration of resilient infrastructure and cropping. The project has supported approximately 3,500 men and women farmers of four distributaries of Nara Canal in district Mirpurkhas, Sindh, to claim water rights and ensure equitable distribution of water. The project has established strong coordination and partnership with Farmer Organizations, Water Course Associations, Area Water Board and the Sindh Irrigation and Drainage Authority (SIDA) to ensure that vulnerable farming communities exercise their right to access and control water resources and benefit from the sustainable use and management of water for agriculture.

#### Rehabilitation of Watercourse Outlets:

Water cannot be used efficiently for agricultural purpose, without having a proper regulatory and distribution infrastructure, the project kept special focus on construction and rehabilitation of water courses, distributaries, minors and watercourse outlets. **107** outlets were constructed, benefiting approximately **105** land owners and peasants. Outlets were constructed with the consultation of watercourse association members and farmer organizations, who also supported in providing unskilled labor for the construction.



S#	Minor	Constructed Outlets	# of Beneficiaries
1	Doulatpur	38	37
2	Mir Minor	38	37
3	Gorchani	15	15
4	Kahu Veesru	16	16
<b>Total</b>		<b>107</b>	<b>105</b>

#### Disposal channel Development

Disposal channels drain out the extra irrigation water from the fields during inundation. The project has constructed 02 disposal channels on Doulatpur Minor. Through this intervention 55 farmers were facilitated; whose lands lay in catchment of these channels. During construction work the farmers contributed by providing unskilled labour. The Water Course Association took over the responsibility of maintenance in future.



#### Construction of Culverts

Farmers require proper structure for taking their production to the markets, culverts play a key role in commuting over the watercourses and increase the accessibility of farmers to the fields. In 2020 total 13 culverts were constructed at various points at four Minors/distributaries. Identification of sites for building culverts was done with the help of farmer associations. Involvement of farmer associations in the identification of sites for culverts helped in building culverts where there was more need. The details of constructed culverts with approximate number of beneficiaries are as under:

S#	Minor	Constructed Culverts	# of Beneficiaries
1	Doulatpur	5	350
2	Mir Minor	4	285
3	Gorchani	3	173
4	Kahu Veesru	1	65
<b>Total</b>		<b>13</b>	<b>873</b>

### Construction of Washing Area Platform for women

To provide a safe washing platform to farming women, RDF constructed 12 washing platforms at four targeted minors in district Mirpurkhas. Construction of washing platforms directly benefits women as washing peds make washing quite easy for women and also prevent children's incidences who come with their mothers at water courses and play in water. It also reduces erosion of the embankments of water courses.



### Three-Day Training of FO and WCA members on Water Management, Irrigation and O&M of Distributaries and Water courses.

To develop the capacity of farmers, 63 male and 35 female farmers were trained on different areas related to efficient agricultural practices. The farmers were trained on how to maintain and manage water structures, operation and maintains importance of water measurement, methods of Water Measurement, calculate discharge, irrigation methods, furrow methods, flood methods understanding on field and **Abyana** bill book and other topics related to agriculture practices. A total of **98** male and female farmers were trained in these trainings.



### Training through FFS in Sustainable Agriculture Practices

In 2020 total 12 field farmer schools were carried out in which 333 Male and female farmers

participated. These FFS were conducted on Kitchen Gardening, Agro Forestry, Wheat and fennel. During the sessions FFS trainer also covered the sessions on modern technologies, such as use of laser leveller, furrow Irrigation and Multi cropping as sustainable agriculture. Project team monitored the field classes, facilitated in development of material and networking of farmers with different organization.



### Plantation of Hurri in villages

Objective of this activity is to reclaim the barren and/or salty land, or use agriculture land where irrigation water is short. Hurri (Block Plantation) requires less irrigation water as compared to other crops. In year 2020, total **62 Acres** were planted in the areas of four Minors; Doulatpur (**25 acres**), Mir Minor (**15 acres**), Gorchani Minor (**19 acres**) and at Kahu Veesru Minor (**3 acres**). To provide support of sowing Hurri, farmers were selected who possess saline/water logged land or the land which is unfertile for regular crop. Project supported them by providing seed of *Accacia* and financial support for land preparation.





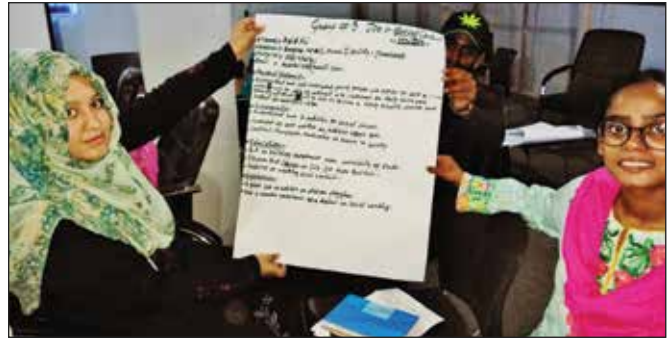
### 5.4 Empower Youth for Work Project, Jamshoro

Empower Youth for work Project was implemented in rural areas of Jamshoro district to mobilize and organize youth for playing a constructive role in the society. EYW focuses on three areas (1) capacity building of youth through different life skills training. (2) supporting youth in developing linkages with markets and employment opportunities and (3) creating enabling environment for the youth especially young women, so that they can easily access markets and carry out jobs. In year 2020, a total of 3348 (1399 males and 1449 females) youth were trained on different skills including, soft skills, employability skills, micro business and resilient agricultural farming training.

Following were the key achievement of project in year 2020

#### Forming and strengthening of Youth Groups

In year 2020, twenty new youth groups were organized and formed to support the youth from rural areas of Jamshoro. These youth groups were formed in Taluka Manjhand and Taluka Kotri of the district Jamshoro. Thirty youth leaders from Jamshoro were trained on leadership skills and other soft skills to lead other youth from their respective communities. Over one thousand youth from rural areas received microbusiness training. One hundred young leaders were trained to conduct COVID-19 awareness sessions. Similarly, fifty-eight youth were trained on different IT courses such as Search Engine Optimization and Facebook Marketing, to start their online earning.



#### International Youth Day Celebration 2020

International youth Day 2020 was celebrated by Research and Development Foundation and Jamshoro Chamber of Commerce and Industries (JCCI) in collaborations with Archroma, Pakistan, District Police Jamshoro, Pakistan Motorway Police and Citizens-police Liaison Committee (CPLC) Jamshoro, at office of the SSP office Jamshoro on August 12, 2020. Clean and Green Campaign was also launched on the occasion of International Youth day Celebration 2020 event. The event was attended by youth from different parts of District Jamshoro, Government officials, members of Kotri Industrial Area civil society and journalists.



Speaking on the occasion Miss. Roshni Anwar, a youth leader from Jamshoro said

**“Today is the day for all of us to highlight and recognize how important youth is. This also gives us an opportunity to think about challenges faced by youth and ways and means to support youth”**

### Clean and Green Campaign

Youth led Clean and Green Campaign was launched in Jamshoro. The campaign was launched by **Mr. Amjad Shaikh SSP, Jamshoro**. Mr. Shaikh planted a tree at the CPLC office, Jamshoro which was followed by plantation by youth. Speaking at the launching of clean and green campaign Mr. Amjad said that “I am happy that clean and green campaign has been started. This is also initiative by the government of Pakistan so I see this as very healthy activity. Mr. Amjad stressed that Jamshoro needs more trees as it doesn’t have that much of trees due to its geography”. Under this campaign Youth planted over three thousand trees in different parts of Jamshoro.



### Symposium on Youth led Response To Covid-19 In Sindh: Success, Challenges And Way Forward

To highlight the response of youth to COVID-19, a Symposium on “Youth Led Response to COVID-19 in Sindh: Successes, Challenges and Way Forward” was held on 2<sup>nd</sup> October 2020, under “Empower Youth for Work” project, Jamshoro. The symposium highlighted the volunteer work of youth during lockdown and contribution of youth during pandemic. It was intended that this symposium helps in bringing forward role and importance of youth in any natural disaster. This symposium also helped in highlighting different challenges faced by young people during the pandemic and how they overcame those challenges. Symposium was attended by youth from different parts of Sindh, Health care professionals, Government officials and members of the civil society.

Miss. Maab Fatima, a youth leader from Jamshoro, shared that “the COVID-19 pandemic brought numerous problems and issues which were faced by each and every one of us but at same time we must see that this pandemic brought opportunities as well and we must take those opportunities with us and initiate well preparedness to face such challenges in better ways”





### 5.5 Basin management & Inclusivity in Spate irrigation in Dadu Sindh

RDF is implementing project titled “New Water Rights for Basin management & Inclusivity in Spate irrigation in Nai Gaj command area of Taluka Johi, Dadu District” with support of MetaMeta Netherlands . The project aims to improve and equitable utilization of flood water through building partnerships between upstream and downstream water users communities, for higher and more equitable returns from flood flows in command area. The project intends to achieve expanded profitable business opportunities for flood water users, in result of increased production of commercial crops of sorghum, cluster beans and oil seeds etc.

### MOU Signed with SIDA For Capacity Building of Spate Farmers

MOU was signed with Sindh Irrigation and Drainage Authority (SIDA) on 5<sup>th</sup> November 2020. As agreed under the MOU, SIDA would provide technical support including capacity building of farmers organization and Water Associations that the project will form.



### Coordination with Farmers

Coordination, information sharing and follow-up meetings were conducted with 3 Water User Organizing and 15 farmers Groups. Throughout the year 2020, information was shared with the farmers on efficient use of rainwater and to improve their agricultural practices. Similarly field level research was conducted regarding natural catastrophes, such as Locust attack, rain flood 2020 and impact of COVID-19 on daily wagers.





## 6. Health, Water, Sanitation and Nutrition Program

In year 2020, RDF implemented four WASH projects; (1) Climate Resilient Water Sanitation and Hygiene in district Sanghar, (2) Social mobilization to the achieve ODF village district Mirpurkhas, (3) Safe Drinking Water Project, Sanghar and Mirpurkhas and (4) WASH Assistance to Drought affected people in district Sanghar. These projects benefitted around 139,500 individuals. Following are the progress details of these four projects.



### 6.1 Solar Powered Village Water Supply Schemes

With the aim to provide affordable, scalable, climate smart and sustainable safe drinking water to vulnerable rural communities, RDF opted for the provision of Solar Powered Water Supply Schemes. In year 2020, total 28 Solar Powered Water Supply Schemes has been constructed in District Sanghar, Tharparker and Umerkot. Solar-Powered Water Supply Scheme was aimed to facilitate the project area, where underground water was saline, with inappropriate services of electricity for ensuring the water services through pumping motor. It also facilitated a total of 11,400 men, women and children who were facing challenges to fetch the drinking water from distance sources. Solar-powered scheme is more beneficial and hygienic as compared to hand pumps and water quality is ensured by project. This facility not only provides the quality drinking water to communities but also saves their time, that could be utilized productively for their betterment.





## 6.2 Climate Resilient Water Sanitation and Hygiene (CR-WASH)

CR WASH project started in year 2020 with technical support of Norwegian Church Aid (NCA) in District Sanghar that will continue for four more years. Key objective of project is to diversify, resilient and empower communities, to lead climate action for visible improvement in the quality of their lives. Therefore, project is designed to prepare and respond to climate-related hazards and natural disasters affecting WASH services. Following are details of project progress in year 2020.

### Water Quality Analysis

To finalize the potential schemes for potable water collected samples of water and analyzed for 13 physical and chemical parameters of water aimed to ensure the quality of water. The parameters of Turbidity, Color, Odor, taste, TDS, pH, Conductivity, Total Hardness, Chloride, Fluoride, Nitrate, Sulphate, Arsenic were analyzed to ensure that the communities will get safe drinking water. Using the results of 120 water samples, 67 water supply facilities/schemes were finalized based on the water quality results.



### CR Water Supply Schemes for provision of potable water

During 2020, a total of 119 climate resilient water supply facilities has been provided and/or repaired with aim to reduce the vulnerability of disaster-prone communities and ensure the continuous and quality supply of potable water. Following are details:

- **Solar powered village water supply scheme** provided in two villages, one in UC Kurkuli and other in UC Abasabad. The schemes are benefitting 245 families who are getting potable water at easy access.

Two existing **Water reservoirs** have been repaired in two villages. The reservoirs are source of drinking water of 166 families.



- **New Hand Pumps:** 30 new hand pumps have been installed, having disaster resistance design. These pumps providing safe water to 703 families i.e. 3,214 individuals of 21 villages.



- **Repair of Existing Hand Pumps:** 35 hand pumps have been rehabilitated as per approved BOQs and the design. These hand pumps are benefitting 688 families, i.e. 3,514 individuals who are getting safe drinking water.





- Rainwater harvesting tanks:** Constructed 50 rainwater-harvesting tanks in UC Chotiyaroon, in four villages, benefiting 108 families in drought affected area.



**Provision of low-cost sanitation facilities**

RDF provided the sanitation items to 200 families to build their user-friendly toilets. Before handing over the items, RDF team conducted training to demonstrate the design at selected villages that was attended by skilled, un-skilled labor and latrine users. Material and skilled labor cost was provided by the project and then the community constructed a permanent septic tank and ensured the privacy wall of latrine so that women could use the facility with dignity.



Dr. Imran-ul-Hassan Khuwaja, Deputy Commissioner Sanghar inaugurated the Solar powered water supply scheme, village Essan Khan Chandio, on 18<sup>th</sup> November 2020.

**Village Cleaning Campaigns**

To promote safe, clean and healthy environment in project villages, 36 cleaning campaigns have been conducted in 36 villages and cleaning tools have also been given to 412 female participants to use for longer time and maintain their village hygiene condition.

**Operation and Maintenance Training on WASH Schemes**

RDF always focused on the sustainability of WASH schemes, in this regard four one-day trainings were conducted on operation and maintenance of WASH schemes wherein 30 youth were trained and provided with the tool kits.





**MHM Training and Inclusion of Religious leaders**

Aimed to raise awareness on personal hygiene of women and young girls living in remote areas, who do not have adequate knowledge on proper menstruation hygiene management, RDF conducted 16 sessions on MHM, which were attended by 120 women and young girls. MHM kits were also provided to women to ensure they follow safer techniques of MHM. Besides, to aware common people on hygiene- religious leaders were engaged by RDF team as they influence the practices and opinions of public. RDF convened 4 sessions with 37 religious leaders for promoting hygiene in their respective areas.



**Hygiene awareness session focused on COVID-19 prevention**

A total of 4,238 individuals from 36 villages, were aware through formal session by team on personal hygiene focused on COVID19 preventive measures.

**Handwashing Station for COVID19 Prevention**

Additional step was taken under this project aimed to reduce the risk of COVID-19 spread by installing the hand washing station. A total of 10 handwashing stations/facilities at public places and government institutions in Sanghar District were provided that are being used by 2,819 individuals.

**Plantation and Fuel Efficient Stoves:**

In year 2020, under CR WASH project 14,728 tree saplings of various species have been planted, including; Acacia Nilotica, Eucalyptus, Neem, Moringa and Jujube in 36 project villages. Trees were planted through respective community organizations. Besides, women of target villages of CR WASH project in result of the demonstration by RDF Team have constructed 525 stoves in their kitchens.



### 6.3 Wash Assistant to drought affected communities in district Sanghar

RDF Implemented this project in nineteen drought affected villages, which are located in five drought effected revenue villages (Dehs) of district Sanghar. In total project benefited to 967 families and 6,611 individuals.



#### Solar powered water supply schemes

RDF provide 2 solar power water supply schemes in two drought affected villages. These scheme provided safe and clean water for 24 hour a day for use human and livestock. Besides, these facilities have reduced distance of fetching water, where earlier women and children have to walk for 1-2 kilometer to get water. Fetching water from dug-wells was also cumbersome job for the communities of these villages.



#### Installation of Deep Bore Hand pump

RDF under this project installed 20 new deep bore hand pumps. Provision of deep bore hand pump produces more quantity of water, in result communities own and purchase/stock more livestock that ultimately reduces the risk of food insecurity among these drought affected communities.



#### O&M of WASH Schemes

The Village Development Committees (VDCs), have established their WASH O&M funds for sustainability of their WASH facilities. On an average Rs. 3,000 per village are collected per month by the VDCs. have been pooled. RDF has also trained the VDC members on proper O&M of schemes as well as provided them O&M kits.



#### Hygiene Awareness and Fuel Efficient Stoves Training

RDF also conducted 15 training on how to make fuel efficient stoves for women, after these trainings women of area have made 257 stoves Team also delivered 3 hygiene promotion sessions on importance of use of latrines and reduce open defecation. In result 107 pour flash latrines are built by communities at their own resource.





## 6.4 Safe Drinking Water Project

To provide safe drinking water to very poor communities, who do not have easy access to safe drinking water, RDF installed 26 hand pumps in rural areas of District Mirpurkhas, Sanghar.

Following is the progress of this project in year 2020:

Village selection through Broad Based Meeting RDF conducted Broad based community meetings in villages for selection of sites, operation and maintenance of pumps, sustainable use of pumps and access of women to water in villages. A total of 25 broad based meeting were conducted in project villages.



### Water Quality Analysis

After selection of sites for installing the hand pumps, RDF conducted water quality-tests using the in-house laboratory equipped with

basic instruments and test kits. It was ensured and pre-requisite that water quality shall be as per National and WHO standards. Total of 63 water samples were collected and analysed for physical, chemical and biological contamination. After tests, 26 water samples from 63 locations, found fit for drinking purpose. Based on water test reports the team finalized 26 locations for installation of Hand Pumps.



### Installation of 26 Hand Pumps

After endorsement by Broad Based Community Meeting and Water Quality Results, RDF installed 26 hand-pumps in the 25 villages of Mirpurkhas and Sanghar, and one school of Sujawal. These hand pumps are now source of safe drinking water for 7,536 (2681 adults and 4,855 children), while hand pump is installed in school is benefitting 31 teachers, 05 non-teaching staff and 1,100 students.



### 6.5 Social Mobilization to achieve the ODF Villages for District Mirpurkhas

Research and Development Foundation (RDF) with the collaboration of Local Government Department, Government of Sindh is implementing this project, under the Accelerated Action Plan-AAP. Purpose of the project is to make rural communities Open Defecation Free and bring improvement in hygiene practices. Following is the progress of project in year 2020.

#### Hygiene Promotion and Mobilization

A total of 350 CLTS triggering sessions with male and female conducted, resultantly communities have constructed 2,284 sanitation facilities/latrines with the locally available material in 14 various Union Council of Mirpurkhas.

Besides, RDF team also conducted 32 hygiene sessions with teachers and students in schools and formed 66 WASH clubs at school level in order to ensure hygienic conditions and promote

WASH knowledge among school children.

#### Declaration of ODF Villages

In year 2020, communities after sensitization and mobilization have constructed 2,284 toilets in targeted areas with available local material. Project technical team guided the community about the sustainability of pit latrines like; sphere standards, cultural acceptance, environment and community’s opinion to maximize the utilization of latrines. In result, during year 2020, RDF has successfully got 350 villages declared as ODF, by the District ODF committee.

#### Creating Community Leaders

RDF team identifies the natural leaders during the CLTS triggering sessions and boosted their interest towards the adoption of the best hygienic practices and also continued the technical support to install their own low-cost sanitation facility without any delay as they attain and sustain the open defecation free status. The project team has identified 200 leaders in 100 villages accumulated.







## 7. Community Resilience Building

In year 2020, RDF implemented three projects to build community resilience in Sanghar and Tharparkar district. Building Disaster Resilience in Pakistan (BDRP), Food Security and Drought Mitigation Program-FSDM, both projects were implemented in District Tharparker whereas Children Safety and Environment Conservation Project, is implemented in district Sanghar.

The following are the key achievements.

Total **388** household level water tanks were constructed under these three projects, **16** Submersible water pumps were installed and **15** culverts have been constructed in **12** villages. **655** females have been trained to make energy-efficient stoves. **54** school children environment clubs were activated in project area. Environment safety sessions were conducted with **3,164** children to create better school environment. Total **50** primary schools teachers and school supervisors were trained to build their capacity to teach topics of climate change to students and contribute their role in environmental conservation. 600 Kitchen gardens and **160** communal gardens were developed where jujube, and fodder trees were planted. **110** demonstration plots have been established to combat waterlogging and salinization of soils through ecological methods. **196** session on hygiene promotion were conducted where **9423** participants attended these sessions. Total **492** youth (Male & Female) were trained in various

trades including tailoring (female), motorbike (male), food preservation etc.

A total of **78** youth from targeted areas are trained as Community Livestock Extension Workers (CLEWS). **300** farmers were trained on grazing lands management to fenced their lands to save fodder grasses. RDF has provided enterprise strengthening support to **20** small shop owners in the different target villages and ensured the availability of nutritious food for community.





### 7.1 Provincial and National Conferences on Climate Risks Perspective of Children and Youth

Four provincial conferences followed by one National conference on “Climate Risks and Perspective of Children and Youth”, were organized by Research and Development Foundation (RDF) in collaboration with a German child focused organization Kindernothilfe (KNH), co-financed by the German Federal Ministry for Economic Cooperation and Development (BMZ) and Government of Sindh, in provincial capitals and Islamabad. The conferences aimed to provide an opportunity to policy makers, experts, children and youth to share their experiences of climate change impacts, vulnerabilities and explore future actions to address these challenges from the children and youth perspective. The conferences attracted the participation of more than 800 children, youth, concerned government officials and civil society representatives who opined that children’s rights of dignified access to safe water, sanitation, quality education, food, health, socialization, participation and association are affected in any disaster. The conference declaration encompassing the recommendations of the children, youth and other speakers were presented by youth at the end of each conference. The conference partners and participants declare

to step up all possible measures and their will and commitment to protect rights of the children amid climate change for the prosperous future of Pakistan.





**Conference Highlights**

Province	Event Held At	Event Held On	No of Participants
<b>National Conference</b>			
Punjab	Islamabad	21 <sup>st</sup> December 2020	125
<b>Provincial Conferences</b>			
Baluchistan	Quetta	30 <sup>th</sup> September 2020	197
Punjab	Lahore	15 <sup>th</sup> October 2020	250
Khyber Pakhtunkhwa	Peshawar	27 <sup>th</sup> October 2020	143
Sindh	Karachi	24 <sup>th</sup> November 2020	152

Province	Chief Guests
<b>National Conference</b>	
Islamabad Capital Territory	<b>Mr. Malik Amin Aslam</b> , Federal Minister/Special Assistant to the Prime Minister on Climate Change
<b>Provincial Conferences</b>	
Baluchistan	<b>Mr. Mitha Khan Kakar</b> , Minister for Environment and Climate Change Govt of Baluchistan
Punjab	<b>Mr. Raja Yasir</b> , Minister for Higher Education and IT
Khyber Pakhtunkhwa	<b>Mr. Mahmood Jan</b> , Deputy Speaker, KPK Assembly
Sindh	<b>Mr. Murtaza Wahab</b> , Advisor to Chief Minister of Sindh for Law, Environment and Climate Change



## 7.2 Building Disaster Resilience Project (BDRP)

Project has been implemented in 70 drought affected villages District Tharparkar, to make communities resilient to withstand disasters, particularly the drought. The Village Based Disaster Management Committees, and their members have been trained on lifesaving skills and HVCRA, during year 2020. The VDMCs were further clubbed at UC level and formed seven UCDMCs in district Tharparkar. Around 108000 men, women and children were facilitated during the year 2020, under these following activities.



### Wash Component

The household water storage and rain water harvesting Tanks (in local language it is called Tankas) are the basic infrastructure almost every household has for storing rain water for domestic use and for livestock purposes also. These Tanks are built as pair of two and each is of size 8 feet deep with storage capacity of 4200 liters. These water tanks are main source of rain water harvesting. In year 2020 RDF has provided 380 Water Tanks (tankas) while 7 Solar system installed at existing dug wells to pump out and store water to use easily. After having these water resource and storage facilities, target communities will have availability of enough water in dry period. In year 2019, 195 hygiene promotion session with men, women and children/students of targeted Schools are trained through trainings, awareness campaigns, and equipped with hygiene toolkits.

### Livestock

livestock provides the most essential items of human diet like meat, milk and it is also basic source of livelihood in Tharparkar but it depends on production of animals and animals' health, for that animal needs proper immunization from different diseases because diseases are basic cause of decline in production. So, RDF started campaigns to enhance production and growth rate. Small animals (Sheep and Goat) have immunized through drench and Enterotoxaemia vaccination and large immunized through Ivermectin and especially cow also immunized through drench. Total of 33308 animals (Camels, Cows, Donkeys, sheep and goats) are vaccinated and drenched/ dewormed. RDF also arrange a training for Community Livestock Extension Workers (CLEWs) at Sindh Agriculture University Tando Jam. This training was designed to maximize livestock production and minimize losses through disease prevention & mortality control. During the reporting year 2020 total 37 CLEWs were trained at SAU Tando Jam.



### Communal Garden

Two communal gardens were established in each of target village. A total of 140 communal



gardens were established with water tanks and fencing. Initially RDF team delivered session on communal gardening and provide the tool kits to prepare land for cultivation.

and electrician, with objective to facilitate them for employment and curtail poverty. Total 345 youth were trained, 150 females and 195 males trainings.



**Hygiene Promotion:**

196 session on hygiene promotion were conducted in year 2020, total 9423 attended these sessions, (4642 males and 4781 females).



**Skills Development Training**

RDF has trained 420 youth of 18 to 35 Years age, in 06 employable trades including food preservation, tailoring, motor mechanic, welding





### 7.3 Food Security and Drought Mitigation Project, Tharparkar

Project is being implemented in 30 droughts affected villages of Taluka Dahili in District Tharparkar, to support target population in mitigating droughts impacts through resilient agriculture and livestock management and to ensure food security. Children awareness on climate change, disaster management and child-friendly schooling are key interventions of the project. Around 31,090 men, women and children were facilitated during year 2020, by undertaking following activities.

#### Improved food security and reduced malnutrition

Project has identified **300** women for raising nurseries for kitchen gardens and provided them with the training and seeds of local vegetables. They have grown cucumber, bottle gourd, ridge-gourd, musk-melon and radish vegetables which can easily be grown in the area. The beneficiary women are using vegetables and they also share vegetables with their neighboring families, particularly the children and PLWs. This way, the nutrition of pregnant and lactating mothers and young children has also improved. The project has supported 20 small shop owners by providing enterprise strengthening support in different target villages and ensured the availability of nutritious food for community.

#### Rehabilitation of Water Facilities

A total of **600** household-level rainwater tanks were constructed in **16** villages during year 2020. These tanks are oval shaped (six feet in depth and 2.5 feet wide from upper side, 2.5 feet and lower side and 4 feet in the inner middle level) and can store upto 1550 liters of water. When these tanks will filled in rains, it shall be providing safe drinking water to around **1380** individuals of **200** needy families for 3-5 months. Four rainwater communal ponds were also constructed in village Khehro Habib, Paboohar Bheel, Sakrio Bhamro and Shakabooh. These ponds if filled in rainy season can fulfill drinking water needs of **580** households (**4205** individual) for 2-3 months.



Four solar powered submersible pumps installed on communal dug-well of village Kaio wariyam, AlahDito pao Khairoo Dhani, Gogasar Lateef & Gogasar Haji Bachal benefiting population of **305** households and around **2700** livestock





includes goats, sheep, donkey, cows and camels. The facility has reduced workload of women and men who spent 4-6 hours daily using donkey or a camel to fetch water deep dug-well.

**Community Livestock Extension Workers Training**

A total of 20 youths from targeted area were trained as Community Livestock Extension Workers (CLEWS) who learnt about basic livestock management. For this training, youth identified who were livestock farmers and need support to increase the livestock production and decrease disease ratio. The 20 days' in house training was held at Hyderabad followed by at 5 days' practical work in field area.

Around 500 women trained on making energy efficient stoves, these women trained other women of their villages and made 1,825 energy efficient stoves in their respective villages.

**Grazing Land Management**

Usually the livestock openly graze in the area and damage the fodder at large. For grazing lands management 300 farmers fenced their lands (1 to 2 acres) to save standing fodder grasses within fence from livestock. This way, farmers have protected fodder within grazing lands that can

later be used by livestock during dry seasons or at the time they need.

**School Environment Clubs and Capacity Building of Education Department**

In yera 2020 total 24 school environment clubs (SECs) were formed, in which that 461 girls and 871 boys are the members. 20 teachers trained on methods of teaching climate change to children and make classroom child-friendly so they could learn in lucrative environment and they could be future environment guards. Two Quiz competitions were arranged in 18 different schools. The children actively participated in these events through and enjoyed a lot. Taluka Education Officer and Assistant Commissioner of Revenue Department attended and appreciated healthy activities with children in remote areas of District Tharparkar. Awareness sessions conducted with children of 24 school environment clubs to promote healthy nutrition, disaster management and DRR, child-friendly teaching and safety. Provided Furniture in schools ( Table, Desk, chair, White Board) chart and Nadi. 2 days trainings of community representatives were organized, where the trainers shared their knowledge on Climate Change. They were also trained about how to contact with the local government departments/officials especially with agriculture and livestock departments.



## 7.4 Children Safety and Environment Conservation, Khipro Sanghar

RDF is implementing "Children Safety and Environment Conservation" project with the support of Kindernothilfe KNH in two Union councils (Khor, Kamil Hingoro) of District Sanghar.

### Trainings & Seminars

#### Capacity Building Sessions with Children Environment Clubs, District Authorities, and teachers:

Project facilitated the schools for forming 30 Children Environment Clubs (CEC) at School Level. 245 Students are members of these CECs. Capacity building sessions were conducted with 1832 school children. Sessions were conducted on the topics of environment conservation, climate change, WASH, solid waste management, water treatment. Children were raising awareness of other children through drawings on climate and its impacts etc.

Two district level seminars on climate change and livelihoods were organized in district Sanghar, where in approximately 272 representatives from Government Line Departments, NGOs and Community participated and discussed the impacts of climate change on livelihoods and suggested the way forwards.

#### Exposure Visit for District Officers

An exposure visit was organized for District officials to build their capacity on solid waste management in Mardan city of KPK province and session was conducted in Islamabad. 12 events were organized in schools; children were built their capacity through quiz competition and theatre performance regarding the climate change, participated by Education department of taluka, teachers, parents, and students. School Management Committee, teachers, and pupils have participated in re-formation of clubs as well as in actions. 30 primary school teachers and school supervisor were trained in order to better teach topics of climate change to students and contribute their role in environmental conservation.



### Conferences

Four provincial level conferences in capital cities Quetta, Lahore, Peshawar and Karachi of provinces Baluchistan, Punjab, Khyber Pakhtunkhwa and Sindh respectively, were organized which were followed by one national conference in Islamabad on climate risks and children's future: from the perspective of youth and children.



### Training of 100 Youth in different trade skills (alternate livelihoods)

Refresher courses of vocational training are provided to 72 graduates, who are facing challenges in doing the job. Before starting refresher, additional tool kits have been handed over to 22 tailors, 07 electricians and 12 motor bike mechanics. These equipment kits were helpful in learning during refresher course and now in their shops and centers to increase their incomes.



### Training of women on fuel-efficient stoves

155 interested females have been trained through formal sessions on making energy-efficient stoves, to reduce the risk of fire in houses. In result, they have facilitated women of targeted village to manufacture 427 Fuel energy stoves.





**Training and Refresher of Community Livestock Extension Workers**

A five-day advanced course for 21 Community Livestock Extension Workers-CLEWs was completed with the technical support of Sindh Agriculture University Tando Jam. They are performing their services in their villages and among them 5 have established their VET centers in clusters. Additionally, complete toolkits were handed over to CLEWs. The kit included items such as thermometer, stethoscope, cattle castrator, Enema Jug, Artery Forceps, Teat Siphon, Mouth Gag, three types of needles, injector, solar fan, solar plat 320 Watts with a Battery. CLEWs are rendering their service in their respective villages. A total 24,172 livestock, i.e consisting of 15,650 goats, 3,087 cows, 516 camels, 3,829 sheep and 1,090 buffaloes have been vaccinated by these trained community livestock extension workers.



**Demonstration of Resilient Agriculture Practices**

60 demonstration agriculture plots of 2.5 acres each have been established to combat waterlogging and salinization of soil through ecological methods. The farmers have been adopting these methods, as being low-cost as well as easy to maintain, and farmers can enhance their income.

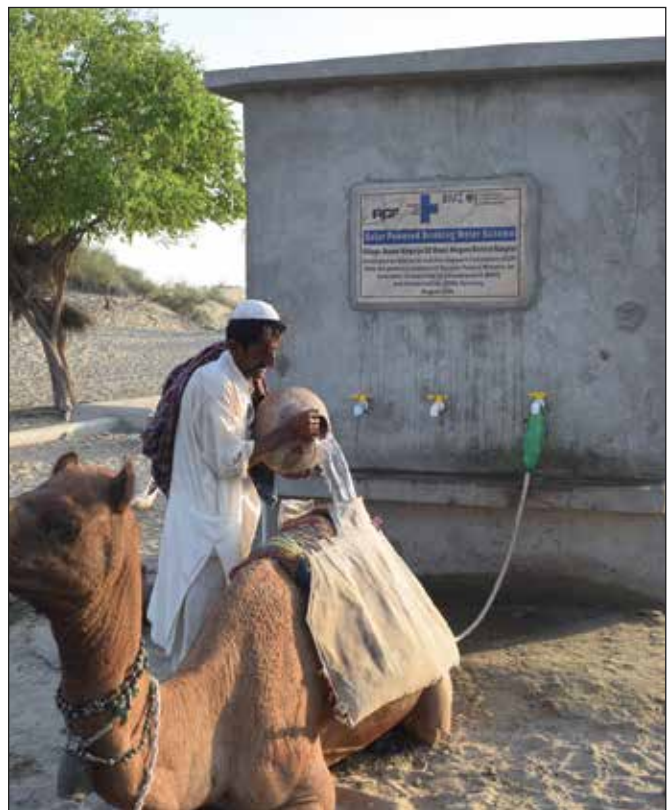
**Plantation:**

The project has planted a total of 52,160 saplings, out of that community replicated plants from their community fund are 6160 plants of various species i.e Acacia Nilotica, Eucalyptus, Neem, Moringa, and Jujube.



**Rehabilitation of water tanks with solar power and culverts.**

15 culverts have been constructed in 12 villages for access of agriculture products in local market. 5 drinking water schemes with solar pumps on dug well including rehabilitation of existing dug well, water storage tank with capacity of 6000 liters, have been installed in remote area of Achro Thar. These schemes benefitting 1,550 population including male 362, female 323, boys 443, girls 422, and also 6,380 livestock.



## 8. Education & Learning Program

### 8.1 Children's Hope Project

Goal of the project is assisting rural women and children for a self-sustaining tomorrow and to ensure quality education through self-help approach in the targeted area. Project is being implemented in Taluka Tando Adam, district Sanghar. In year 2020, RDF provided missing facilities, learning material, safety kits, playground accessories and planted trees in 10 schools. 30 pedagogical content delivery training events were organized for teachers at taluka Jam Nawaz Ali.



#### School Improvement:

10 schools were provided with missing facilities like civil work, electric, plumber, colour & playground accessories. School furniture provided to 13 schools. Learning material and Safety Kits was provided to 10 targeted schools. Similarly, Child friendly spaces and playgrounds were developed in 10 schools. For protection & safe environment, different shadow trees planted within schools in

Taluka Tando Adam, District Sanghar, where 100 trees were planted in 10 schools. These plants are being taken care of by the community, SMC, and children.



#### Enrollment of Students:

Through women self-help groups, the project is making efforts to increase enrollment of children in schools, particularly of girls. The enrollment of school-going age children increased from 723 to 1296 students in which boys and girls increased from 479 to 846 and 244 to 450 respectively in 10 targeted schools of taluka Tando Adam District Sanghar, during the year 2020.

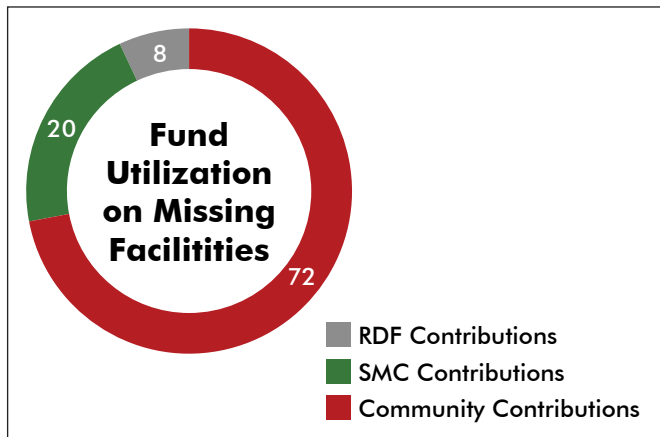
#### SMC Fund Utilization and Community Co-financing for School Improvement

The project maintained strong coordination with SMCs and communities in order to develop and renew school development plans, and to ensure community-support for school improvement. In



year 2020 total 10 SMC training conducted in targeted schools for teachers and SMC members. School Development Plans are prepared and the collected fund from the community used for school improvement. Team supported utilizing the available SMC funds to achieve the development goals of the schools.

**Enhancing teachers’ skills in content knowledge, and Awareness of First Aid:**



To enhance teachers’ skills in ‘content knowledge Language, Mathematics and Science through training; 30 pedagogical content delivery training were organized at taluka Jam Nawaz Ali. 44 teachers from target schools participated in the training. SMC training was conducted for 63 SMC members of 10 schools of phase III to ensure the involvement of SMC members in the decision making. First Aid training was conducted in each target school to build the capacity of teachers and SMC members for proper utilization of first aid kit. 101 teachers and SMC members participated in 10 targeted schools these events.



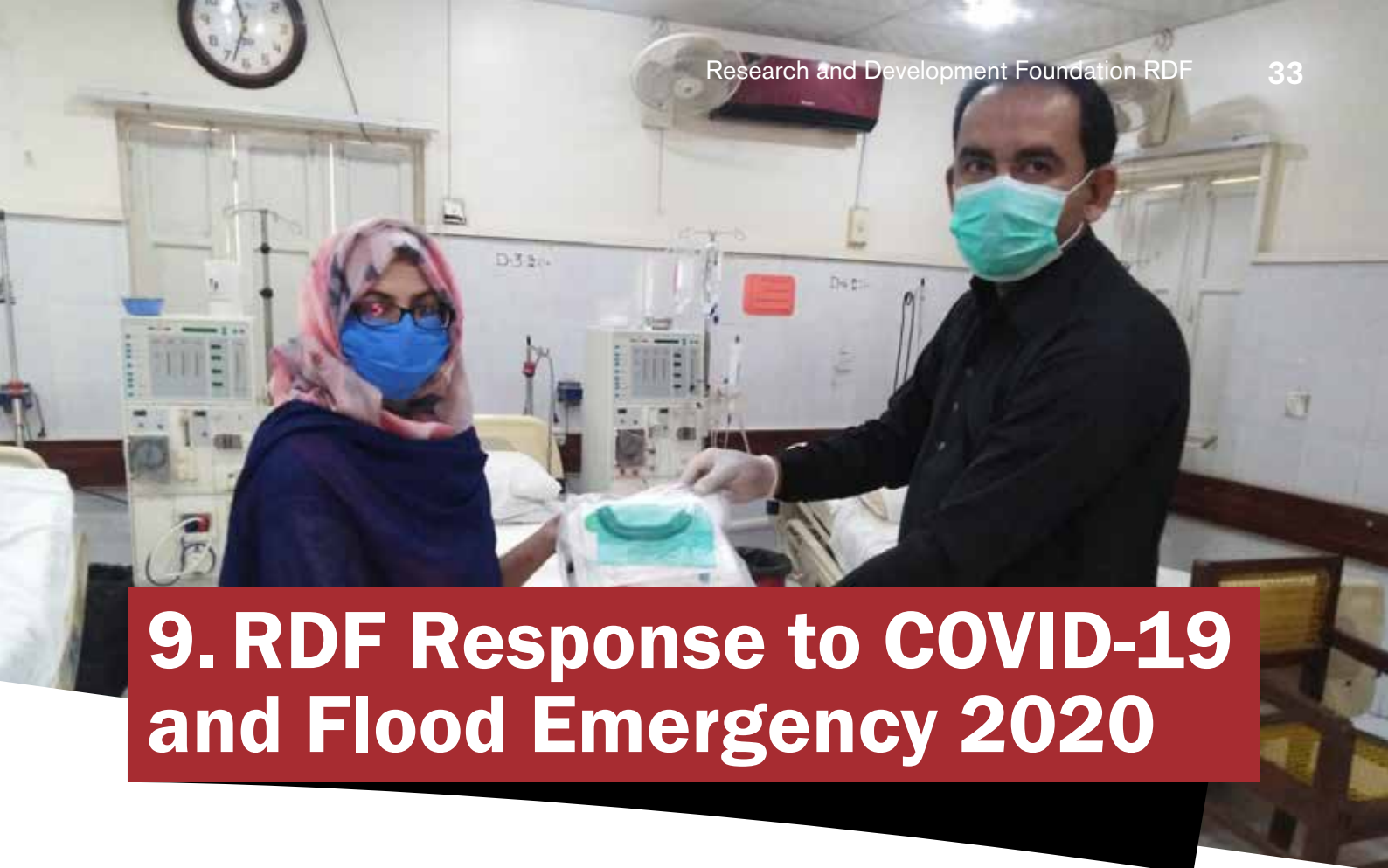
**8.2 Improving Basic Education through Literacy Training**

RDF, considering literacy as basic need of women to participate proactively in household’s decision-making and income generation along with providing educational support to their children, established literacy centres in Tando Allahyar and Sanghar District,s that provided basic and advanced literacy to SHG members. Two literacy levels; advanced and basic courses are being imparted to the women. During the year, 1015 SHG members; 348 in Tando Allahyar and 175 in Sanghar, have completed advanced and basic literacy levels.



These Centres are established in 17 villages of district Tando Allahyar, being run by 37 women teachers, who attended TOTs on advanced functional literacy. In villages of Tando Adam district Sanghar, S.H.A project also established literacy centers, where around 175 females have been taught to read, write and understand basic numeracy. This helps them to maintain their saving records, calculate investment and profits of their enterprises etc. This has also resulted to increase enrollment of their children in schools.





## 9. RDF Response to COVID-19 and Flood Emergency 2020

### 9.1 Response to COVID-19

During 2020, country remain under disaster situation triggered due to spread of COVID-19 Pandemic. Another disaster faced by North Sindh was flash floods caused by heavy Moon Soon Rains during July and August 2020. RDF started its COVID-19 emergency response program in different districts of Sindh in early March 2020. Supported a large number of people with precautionary and informative messages through different strategies to spread awareness about COVID-19 as well as non-health interventions focused on hygiene promotion and personal protection. Whilst with support of NCA, WHH and UN-OCHA provided emergency WASH, NFI and livelihood support to flood affected population of Mirpurkhas and Sanghar. Following are detail of RDF work, as response to the Pandemic and flood in north Sindh.

### Provision of PPE to Frontline Workers

RDF has conducted a number of different activities to extend support to government in minimizing the impact of COVID-19 pandemic and tackling this global challenge. Looking to the need of public health institutions at the crucial time of pandemic, RDF extended its support by providing the Personal Protective Equipment (PPE) kits to the health department for the health care staff. RDF representatives handed over the kits to district level authorities, so that the kits can be disbursed as per their need. A total of 1,210 PPE Kits were given to government line departments of District Hyderabad, Mirpurkhas, Jamshoro and Sanghar. A PPE kit included full body cover gown, proactive glasses, hand gloves and N-95 masks.





**Hand Washing Stations**

Washing hands with soap and water is one of the key preventions to avoid infection and transmission of COVID-19. RDF installed hand washing stations in various districts of Sindh, as an immediate and appropriate preventive measure. A total of 287 hand washing stations (portable and pedal operated) were provided at various government offices, such as hospitals, mosques, patients’ waiting area, public dealing offices, cash disbursement points, and public places in Districts Hyderabad, Mirpurkhas and Tharparker. Near to each hand washing station, a posters about importance of hand washing and standard steps were fixed. It is estimated that, more than 45,500 individuals have used these hand washing stations.



**Public Awareness Campaign**

RDF has been working extensively to enable communities to cope with this pandemic. As WHO had shared public directives to be followed to stop virus transmission and disease spread, RDF under different projects has taken various initiatives to educate the masses about symptoms, precautions, and prevention of COVID-19 pandemic. RDF carried out public awareness campaign in different districts of Sindh through various activities including awareness handbills distribution, billboards, public announcements, voice and text messages and FM radio messages.



It is estimated that information has been reached to 833,055 general public of District Hyderabad, Jamshoro, Sanghar, and Tharparker.

**COVID19 Sensitive Hygiene Kit and Hygiene Awareness**

Maintaining proper hygiene is essential to avoid spread of any disease including COVID-19, therefore RDF designed hygiene kits to increase the hand washing practices. Hygiene kits included soaps, sanitizers, masks, nail cutter, towels and flyers mentioning standard hand washing steps as per UNICEF guidelines. A total of 5,260 Hygiene kits were distributed among poor families of Districts Hyderabad, Mirpurkhas, Sanghar, Tando Allahyar and Tharparker. Awareness sessions were also conducted, attended by hygiene kit recipient family members. During these sessions information about about spread, symptoms, impacts and prevention of COVID-19 Pandemic, importance of hand washing was delivered. Total 1900 hygiene sessions were held using the IEC material i.e., pamphlets and handouts, attended by 11,850. During these sessions, SOPs of social distancing, use of mask and sanitizer were strictly followed.

**ToT of youth volunteers**

To prepare the youth volunteers to conduct COVID-19 awareness sessions, 60 youth were trained from Taluka Manjhand and Kotri, District Jamshoro, amongst which 32 were females and 28 were males. Youth were trained on how to conduct awareness session, how to protect themselves during the sessions and how to ensure safety of the community members. Youth were also demonstrated how to properly wash their hands and use sanitizers. Keeping Government SOPs and pandemic situation in consideration, number of youths in ToT was reduced to 5 youth in each ToT. Also, youth ToT were arranged at village level to facilitate the youth.



**Disinfection of Public Places**

Aimed to overcome the fast spread of Pandemic at public spots, a disinfection Fumigation Spray campaign was conducted in collaboration with Municipal Corporations of Hyderabad, Mirpurkhas and Tharparker. Disinfection spray campaign covered public parks, mosques, hospital vicinity, streets, shopping areas, community centers, etc. Following the IPC (Infection, Prevention and Control) guidelines of UNICEF, Sodium Hypo-Chloride was used in disinfection spray. Around 42 localities of Hyderabad, Mirpurkhas and Tharparker having population of more than 190,800 people covered.



out village cleaning campaigns. A total of 1,390 domestic cleaning kits, included chlorine-based -detergent powder, were distributed among families in 28 villages of District Hyderabad and Mirpurkhas. Village cleaning campaign was carried out using these cleaning kits. RDF team motivated to male members to participate in cleaning the streets and surroundings of their houses, to prevent from the COVID19.

**Fareeda from District Tando Allahyar**

“During COVID-19 situation, I was in pressing need of cash. My name was registered in cash grant by RDF. I received the amount and purchased the medicines for my children, and ration for the home. We also managed to have some new clothes for the Eid”



**Village Walk for Awareness**

In rural areas, it was very difficult to disseminate the information, because most of the people do not have access to education, internet or smart devices thus their exposure is extremely limited. In 12 villages of Tharparkar, Village Disaster Management Committee (VDMC) members conducted the village walk for spreading the awareness about COVID-19. The participants used banners regarding the symptoms and precautionary measures of COVID-19 and also conveyed messages through the mega phone to reach out to maximum people.

**Livelihood Support**

Aimed to support families who lost their income sources in lockdown, RDF provided cash grants to them. The cash grants of Rs. 5000 among 125 families in District Tando Allahyar, Sanghar and Mirpurkhas. Cash grants of Rs. 7,500 among 2350 families were distributed in District Tharparker. Using the amount, these families fulfilled their family’s essential need such as food ration. Through another project responding to COVID19 affects, 1,175 poor farmers were provided the agriculture inputs support in district Sanghar. Each of the farmers were given 60 kg of wheat seed, and two fertilizer bags to use in Rabbi season.



**Domestic Cleaning kits Distribution and Village Cleaning Campaign**

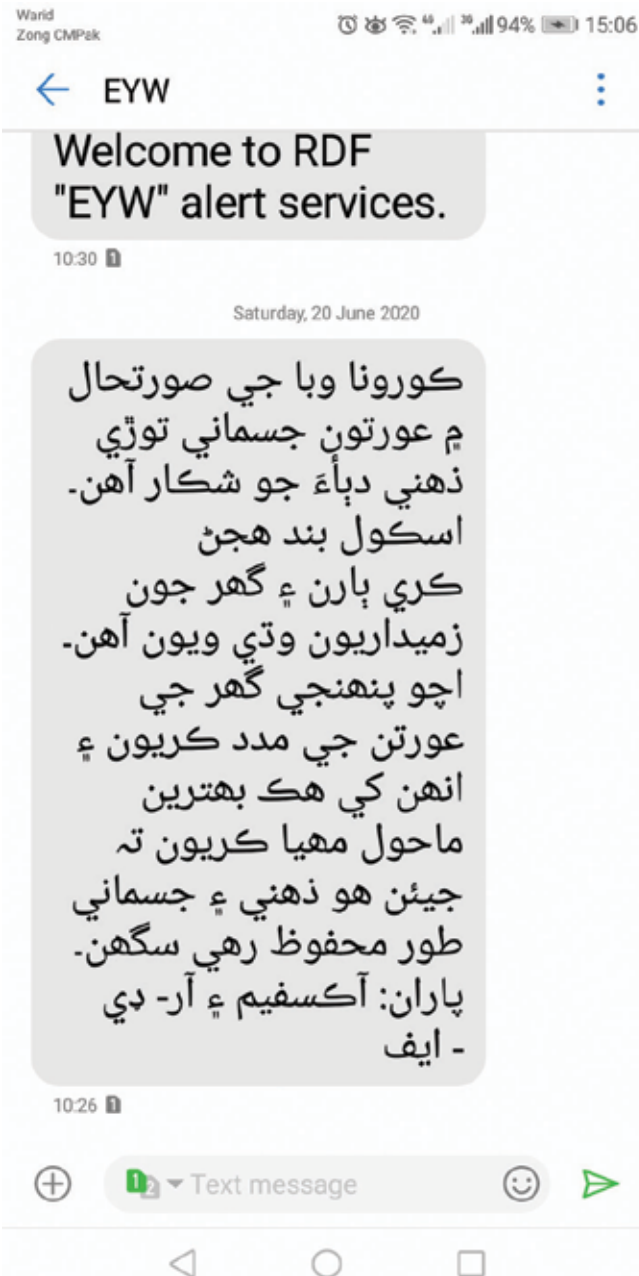
To facilitate the underprivileged families and to improve the village hygiene condition, RDF distributed domestic cleaning kits and carried





### Gender Sensitive SMS Campaign

Gender Sensitive COVID-19 awareness messages were disseminated to 1100 (684 male and 416 female) community members through Empower Youth for Work (EYW) SMS service. The message was focused on shared care-work at home level during COVID\_19. Messages were composed after the consultation with the youth. Young women and men were asked what kind of challenges and difficulties they are facing during the pandemic situation. After the consultation, a message was prepared focusing on shared care work during pandemic.



### Soap and Sanitizer Making Training

Soap and Sanitizer making training was conducted for rural youth and women and to encourage them, to use their skills for income generation so that they could support their families. Through this training, 12 Youth including 10 females and 2 males of District Jamshoro and 500 women of District Tharparker were trained. At the end of training, trainees were given startup material as well.



### Capacity Building of Market Committees to promoting Safer Business Practices

Workshops on Safer Business Operations amid COVID pandemic were organized for the members of the market committees in Thatta, Karachi and Khairpur. Total three workshops were organized wherein around 50 persons were trained.



### Training for the women on Value Added Items of Milk

Training on Value Added items of Milk was imparted to the women farmers of Thatta and Khairpur Mirs districts. They learnt making dry milk powder, Khoya and Ghee making from butter.

### Mapping of COVID Impacts on MSMEs

Workshops were organized with the MSMEs, Chamber of Agriculture and Commerce, Academia and market committees to conduct mapping of the impacts of COVID on medium, small and micro enterprises.



### Supporting COVID Affected Small Farmers

RDF team under UN-ITC COVID Response plan distributed seed and fertilizer for growing chilies, onion and tomatoes crops in Thatta and Khairpur. A total of 180 women growers were facilitated. Additionally the Wanda Fodder was also distributed to 150 women.





## 9.2 Response to Rain Flood Emergency 2020

RDF has implemented three flood emergency response projects to provide immediate assistance to flood Affected Areas of District Mirpurkhas and Sanghar. RDF started the services on urgent basis while there was no other relief agency was on ground. RDF emergency support reaches to more than 36,793 individuals belong to Sanghar and Mirpurkhas Districts.

### Provision of Safe Drinking Water

RDF provided safe drinking water to flood affected communities in district Sanghar and Mirpurkhas through water tankering. In Mirpurkhas around 5600 liters of safe water per day was provided to families for one month at 35 makeshift locations. Safe water was provided to 2556 families benefiting 17892 individuals.

### Operationalization of Water Treatment Units

Two water treatment units possessed by RDF in contingency stock were operationalized in two affected villages of district Sanghar and Mirpurkhas to provide safe drinking water to flood affected people. Approximately 190 families were provided safe water through these treatment units. The water testing was regularly conducted by RDF staff to assure that the safe water is provided to communities to reduce risks of water born disease outbreak.



### Provision of Ventilated Improved Pit Latrines

Looking to dire need in flood affected inundated villages, RDF constructed 80 VIP latrines in selected locations including three villages of taluka Shujabad and remaining 13 villages in taluka Sindhri. The initiative of installation of VIP latrines solved the basic problem in challenging times of flood affected population. Overall 1,920 people from 320 families have used 80 VIP latrines in 16 camps and/or villages.



**Hygiene Kits:** Communities displaced due to flood have lost their personal belongings such as hygiene items and domestic utensils. Therefore, project designed to provide the items to be used by families for maintaining their hygiene condition. RDF distributed hygiene kits to 5,700 families. A hygiene kits included soaps, towels, sanitary cloth and nail-cutters, packed in bag. RDF team ensured the proper usage of kits for personal hygiene during the hygiene promotion sessions.



**NFI:** The Jerry Cans and buckets supported flood affected people at maximum in difficult times to fetch and store drinking water for daily use. RDF distributed Jerry Cans and Buckets to 5700 families in 86 villages of in Mirpurkhas and 1000 kits in Sanghar.



**Mosquito Nets:** A total of 5181 families, around 27,096 individuals had benefitted from the distribution of mosquito nets. Three mosquito nets per family were distributed to the households having children, widows with children, and pregnant and lactating mothers. RDF observed the proper use of mosquito nets consecutively by communities thus protected from the malaria.

**Tarpaulin Sheets for Shelter:** In result of the flood majority of the affected families have been living in temporary shelter or their thatched houses – RDF distributed Tarpaulin Sheet to 800 families (benefitted 4,731 individuals), as it was their dire need, besides cold winter season was expected. Women headed families and family with large number of children were given priority.

**Hygiene Campaign:** To clean the camps and villages where flood affected people stayed/gathered during the flood times, RDF provided debris removal kits and camp/village cleaning kits to people in camps and returnee families. The flood affected people though returned to their respective villages, but the villages after recession of water were in bad condition, and require huge labor to be clean. A total of 760 debris removal kits were provided to male community members in returnee villages. A kits included spade, shovel and round bucket and wheel barrow and were used for improving the hygiene of village/camp. RDF team sensitize and mobilize the families and initiated the village cleaning campaign, which were led at village level by WASH committee focal person. RDF also engaged municipal workers in village cleaning campaigns getting support of Assistant Commissioners.

Another component of hygiene promotion was training of volunteer to disseminate proper messages of hygiene through formal session. A total of 30 volunteers were trained through two training events. After training these volunteers have roll-out of this training at local level using the relevant knowledge and IEC Material.



#### **Distribution of Agriculture inputs for Rabi Crop**

As early recovery support after flash flood of 2020, RDF distributed the agriculture inputs package to 500 farmers and small land owners, belongs to 25 Villages of union councils Mir Imam Bux Talpur. A package contains two bags wheat seed, two bags urea and two bags of DAP fertilizer, that will contribute farmer's income who have faced loss in the crop during flood in the month of August.

**Repair of Hand pumps:** As early recovery support a total of 20 hand pumps have been repaired in 18 flood affected villages of Mirpurkhas. These pumps were finalized after water quality tests came to be drinkable. A total of 446 families (3,032 individuals) are getting potable water from these repaired hand pumps.



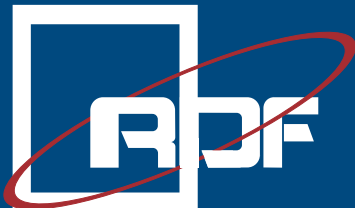


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