

INDUS EARTH TRUST



Organizational Profile





**Rain Water Harvesting
in Kohistan, Sindh.**

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Indus Earth Trust (IET) is Pakistan based, not-for-profit organization working in the area of sustainable development. Established in 2000 to aid neglected coastal communities in Pakistan, IET realized the impossibility of pin pointing a single issue hindering development. IET's approach to planned interventions has thus been of Integrated Development. Our Programs target the main underlying issues affecting these communities under the seven program areas of: Community Mobilization Program, Livelihood Development Program, WASH Program, Energy Solution Program, Housing Program, Community Basic Infrastructure program and Climate Change Adaptation program. Tackling these program areas simultaneously uplifts and benefits communities in a holistic manner. It is our belief that this methodology results in long lasting and sustainable change.

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WHO WE ARE

The Indus Earth Trust (IET), established in 2000, with a vision of providing help to mainly neglected coastal communities of Pakistan and moved further to underprivileged area of the country.

The Indus Earth Trust (IET) is registered in Pakistan (2002) under the Trust act of 1882 No.656, sub-Registrar. Div.11 A, Karachi as a Not-for-profit Organization. Indus Earth Trust also certified by the **Pakistan Center for Philanthropy – PCP**. IET is also Tax-exempted from the **Federal Board of Revenue FBR – Pakistan**. Indus Earth Trust recently registered at **Sindh Charity Commission**.

IET's organizational structure divides projects into different programmatic areas which identify focal areas for project planning and implementation. These issues and subsequent interventions are identified by a combination of community level surveys and latest development indicators as documented by national and international bodies like focusing on sustainable development goals SDGs. Providing Innovative Technologies in farming and livelihoods, IET improves access to the entrepreneurial and job markets for communities. IET attaches great emphasis, essentially amongst the youth, in training of skill development both for women and men. Our emphasis on Integrated Development means that basic facilities such as :



Water Access to households



Mobilized Beneficiaries



Renewable energy



WASH facility



Livelihood opportunities



Training & Development



Indigenous Earth housing



Worked on CPI

Drinking water, renewable energy, sustainable Livelihoods, WASH, Houses using indigenous materials, basic community infrastructure, food security, access to schools and health centers, are paramount.

Indus Earth Trust community-based research agenda allows it to build with national academia; Sindh University, NED University of Engineering & Technology, Mehran University of Engineering & Technology and Habib University.

Vision

Development with Dignity

ترقی عزت اور وقار کر ساتھ



Mission

Indus Earth Trust's mission is to facilitate a movement to raise living standards by enhancing socio-economic conditions through an integrated development approach, which incorporates reduced use of fossil fuels, and Vision encourages the exploration of the Sustainable Development Goals while ensuring the protection of flora, fauna and marine life.



Objectives

- Social Mobilization to enhance community involvement in development Process.
- Empowering communities through the training, development & exposure.
- Livelihood Enhancement & Enterprise Development
- Development of water, sanitation, hygiene systems & community physical infrastructure.
- Providing alternative energy solutions for rural communities
- Designing & Implementing indigenous housing systems
- Ensure food security & Nutrition through the sustainable agriculture practices in climate change scenario.

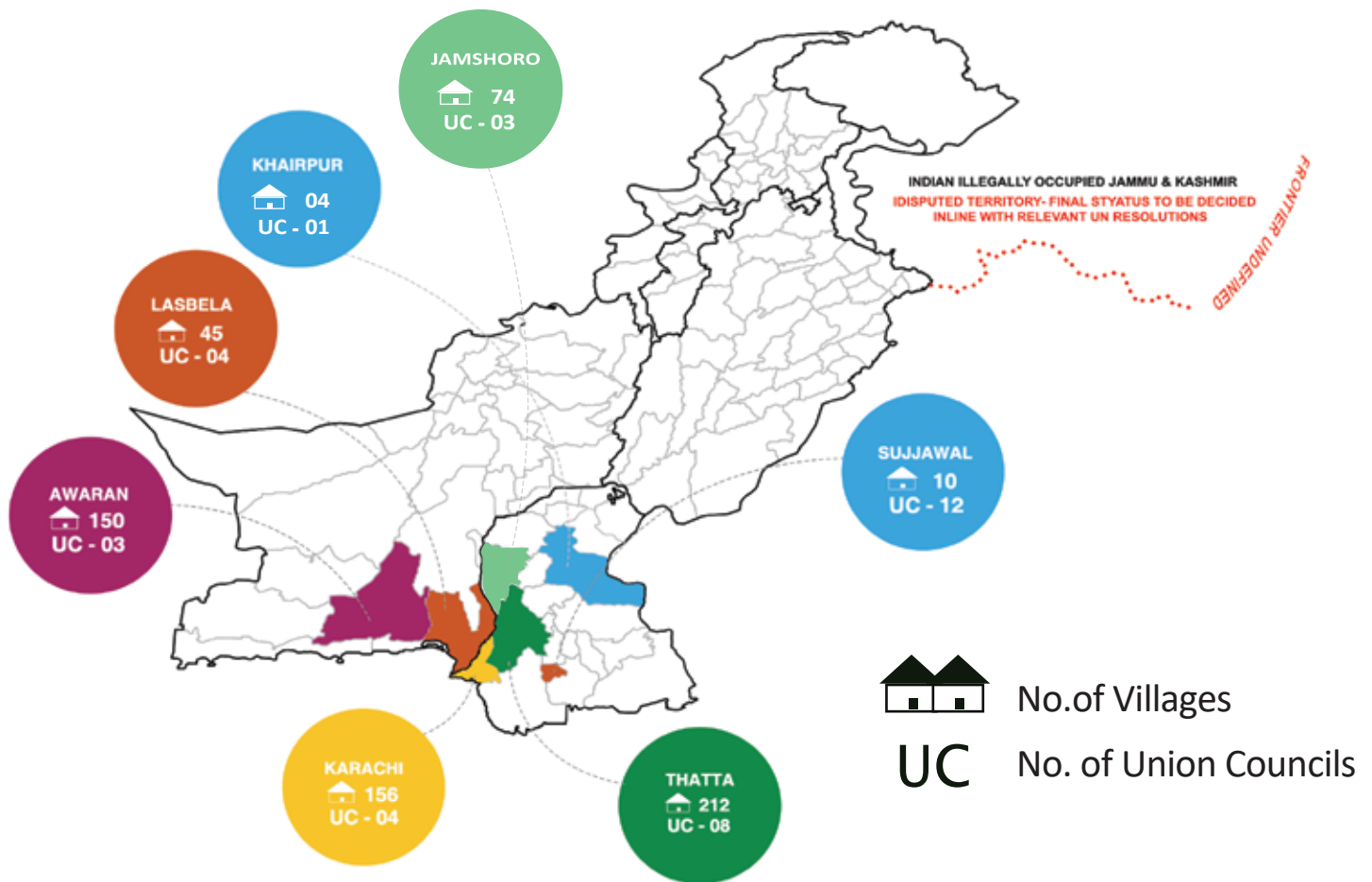


OUTREACH

IET Operates in 6 District (union Councils) in Sindh and Balochistan, in Pakistan, with 300,000 beneficiaries in over 400 villages.

IET works mainly in the coastal areas of Sindh and Balochistan provinces of Pakistan covering approximately 900 kilometres, with a population outreach of some 3 million people. This area experiences floods, drought, earthquakes and cyclones. These natural disasters encourage disease, malnutrition (which has led to up to 40% of children in Sindh being affected - worst in South Asia) and exacerbated by the lack of basic amenities such as safe housing, drinking water, proper sanitation, electricity, roads, health services and schools.

IET uses an integrated approach in its methods of intervention to address the various issues of poverty. Our aim is to ensure that communities become productive members of society by resolving various development issues. Further details can also be obtained from our website www.indusearthtrust.org



APPROACHES & ETHICS

Inclusive

Recognizing Social Demography, Poor Households, PWDs, Women, Children, Youth, religious minorities and vulnerabilities as a policy to reducing poverty.

Participatory

Ensure community input at all levels of the project' consultation, implementation and sustainability through the community-based institutions – CBIs.

Transparency

Enable others to see and understand how IET operate in a transparent way, provide information about project / program activities and governance to stakeholders that are accurate, complete and made available in a timely way.

Ownership

Promote the sense of ownership among the communities and encourage community members to actively participate in monitoring and evaluation of the programs.

Sustainability

A practice where human needs and actions are addressed in a way that is environmentally friendly and financially stable for future generations.

Chairperson's Message



Indus Earth Trust takes its motto of 'Development with Dignity' very seriously. All its social sector interventions, right from the stage of project design have underscored the need to lend a helping hand without hurting the dignity of the beneficiaries.

In 2019, this 'trickle up' philosophy could be seen in all the engagements that Indus Earth Trust had with communities across its area of work spanning Karachi and Thatta districts. Be it the expansion of the water conservation project to another geographical location or poverty alleviation measures with the assistance of donors, IET teams at its head office and in the field took the communities on board at the time of their need's assessment. They were made equal stakeholders through the consultative process of community organization, to ensure that they would sustain the solutions that had been put in place with the assistance of our donors

I am confident I speak on behalf of all the members of the Board of Trustees when I say that this very manner of delivering results gives us confidence that the Trust will continue to win acceptance from the communities and donors to keep on making a valuable contribution in the lives of the communities that need us.

It is a matter of great satisfaction that it is not just the brick-and-mortar solutions but the relationship thus built with the communities that even after projects end, the engagement stays. In fact, this expertise has become the hallmark of IET which is known in the development sector for its community organization skills that ensure inclusion, gender mainstreaming, and sustainability.

Afia Salam
Chairperson

Board of Trustee

Ms.Afia Salam started her career as Pakistan's first female cricket journalist. She has accumulated a vast experience of print, electronic and web journalism with some of Pakistan's leading media outlets. She also has over 15 years of experience in the field of advertising, and headed Creative department of three known advertising agencies. She has more recently been involved in the field of development sector communications, focusing on environment, climate change, labour, gender issues, digital rights and media ethics, about which she writes, and trains media persons.

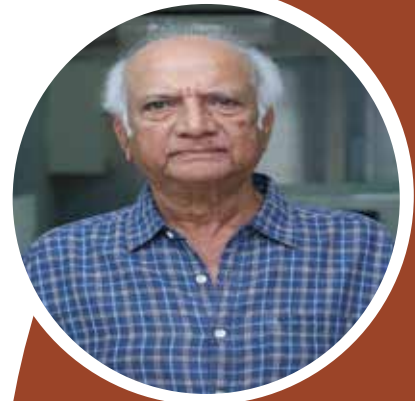
Afia Salam



Syed Salim Raza

Mr.Syed Salim Raza has served as the Governor of State Bank, Pakistan and a member of the Advisory Council to the Pakistan's Finance Ministry, working closely on drawing up of key reforms to underpin sustainability of economic growth in Pakistan. He is the founder of Pakistan Business Council (PBC). His previous associations have been with Citibank, Middle East, Africa, UK, Central Europe and Eastern Europe. His business experience covers Credit and Corporate Finance and Real Estate and Global Assets Management.

Mr.Feroze Deane graduate in business Administration and has vast experience in textile sector, he was director of Castle Textile Ltd, Mr. Feroze Deane is also a renewed philanthropist and is working as a trustee with Indus Earth Trust since 2008 and also a member of Finance audit committee of Indus Earth Trust.



Feroze Deane



Samar Ali Khan

Mr.Samar Ali Khan graduated in Bachelor of Architect from the University of Houston and almost three decades of dedicated work in the industry of architecture. He is leading as CEO / Principal Architect of company Design Group Practice (DGP). He has worked on countless projects in the residential, commercial, hospitality and institutional fields of design. He honored civil award Sitara -e-Imtiaz by the President of the Islamic Republic of Pakistan for his years of Public Service to his Nation.

Board of Trustee

Ms. Tazeen Hussain has been associated with IET since 2010. At IET she helps look after the media and communications. Tazeen has been working in the higher education sector since 2005. She is currently the Coordinator of the Foundation Programme at Indus Valley School of Art and Architecture (IVS) and visiting faculty at Karachi University, Department of Visual Studies. She is also the patron of Laltain Performing Arts Society, (IVS student society). She has been a contributor to national newspapers and blogs at <http://tazeen-hussain.blogspot.com/>.

Tazeen Hussain



Sadaffe Abid

Ms. Sadaffe Abid social entrepreneur working on economic empowerment of women and youth. She is Co-Founder of CIRCLE, a social enterprise running advocacy campaigns and undertaking initiatives on youth and women's leadership, entrepreneurship & employment. She brings the Adaptive Leadership framework taught at the Harvard Kennedy School to the Middle East and South Asia region having worked on leadership development programs in UAE & Pakistan with leading corporates and social enterprises.

Mr. Faisal Kapadia is the founder of Mind Map Communications and Director for social media. He is the editor lingua Urdu section of Global Voices, member of the central executive committee for Sarelief and a Trainer crowd sourcing and social media for IEarn Pakistan.



Faisal Kapadia



Shahid Sayeed Khan

Mr. Shahid Sayeed Khan established IET, with the vision of helping the underprivileged build better lives. Qualified as an Environmental Architect in the UK, he pursued private practice in Scotland for 18 years. Shahid further studied building techniques in France (CRATerre) and Japan (Tokyo University). He has been a consultant to the World Bank on projects in Afghanistan -Renewable Energies, Ethiopia-Water/land management, and Yemen -Livelihood Options. He has over 40 years of experience in Architecture and Rural Development. He has been working in Pakistan since the early 1990s.

CEO's Message



This year has been a very productive year where two major programmes were initiated by IET.

Following on from last year the JLINE (just light is not enough) it was a pleasure to see communities benefiting from these minigrid installations. Being able to play, read, light in the kitchen meant women could see properly, able to work at night when it was cooler (repairing bikes, making bed covers, sewing and generally being able to visit each other and socializing; which was somewhat hazardous in the dark).

The primary objective was to provide enough energy for communities to start their own businesses. This has been accomplished and indeed more energy is required as businesses have flourished. Ten men and women were trained to maintain and operate these mini grids so that a self-sufficient local crew were available at hand.

Rain water harvesting under the Coca Cola fund for water replenishment in Sindh Kohistan. A total of 200 Million litres was provided in thirty reservoirs.

Hand pumps were installed adjacent to the water source with small concrete basins for livestock to drink enabling ease of access and prevent water pollution by direct access to the water. As water was available, we noticed that people who had left these villages were returning owing to water availability. "Reverse migration" as we refer to this social change. Established 200 Community Organizations which benefited 40,000 people and 6000 households. In addition, we received the PCP Certification

Shahid sayeed khan
Chief Executive Officer

Management Team

Mr. Shahid Sayeed Khan established IET, with the vision of helping the underprivileged build better lives. Qualified as an Environmental Architect in the UK, he pursued private practice in Scotland for 18 years. Shahid further studied building techniques in France (CRATerre) and Japan (Tokyo University). He has been a consultant to the World Bank on projects in Afghanistan -Renewable Energies, Ethiopia-Water/land management, and Yemen -Livelihood Options. He has over 40 years of experience in Architecture and Rural Development. He has been working in Pakistan since the early 1990s.



Shahid Sayeed Khan
Chief Executive officer



Aijaz Ali Abro
Chief Operating Officer

Mr. Aijaz Ali Abro has over 20 years of national and international work experience in rural development. He specializes in agricultural development and prior to joining Indus Earth Trust, had worked in civil society organizations. He has a B.E. in Agricultural Engineering, MSc in Rural Development and an MBA in Human Resource Management. He is currently doing his PHD in Development Studies.



Abdullah Rajper
General Manager Programs

Dr. Abdullah Rajpur is a Veterinarian specializing in Animal Husbandry & Veterinary Sciences. He has over 18 year local and international experience in Rural Development. Dr. Abdullah Rajpur is also undergoing an M. Phil degree program in Development Studies.

Management Team

Mr. Asim Muhammed is a Financial Management and Accounting professional with 20 years of experience in sophisticated ERP environment in manufacturing and trading sector. He is an associate member of ICMAP and PIPFA. He has formerly been associated with Pathfinder Group of Companies, Castle Group of companies, Stillmans Group of companies among others.



Asim Muhammad Khan
General Manager Finance



Ms. Sana Naz has a B.com from Karachi University and has been part of IET team since 2012. she has ten years experience of Accounts & Finance and currently doing Association of Chartered Certified Accountants.

Sana Naz

Manager Finance & Accounts

Mr. Muhammad Hussain has more than seventeen year's of experience in management & Operations and currently associated with Indus Earth Trust since 2020 as Manager M & E. He did Masters in Sociology and Economics. He attended many Training work shop on project management and M & E locally as well as internationally.



Muhammad Hussain

Monitoring, Evaluation and Reporting Officer

ORGANOGRAM



DEVELOPMENT MODEL



Community Mobilization



Community mobilization is a manner to engage communities for their own betterment through uplifting youth, women, people with disabilities and minorities. The approach of Community mobilization permits communities to analysis their situation and to organize and initiate action for their recovery with their own initiative and creativity. Indus Earth Trust believe that sustainability and success of the community-based initiatives depend entirely on actual spirit of Community mobilization.

“Motivation without
Mobilization
means only
frustration”



Objective of Community Mobilization



Principles of Community Mobilization

- Formation of Community platforms-Community Organization
- Poverty Mapping
- Gender Mainstreaming
- Inclusion
- Participatory Decision Making
- Compliance of Environmental Concerns

Monitoring & Evaluation

Sustainability

Trainings

Community
Management
Skills Training

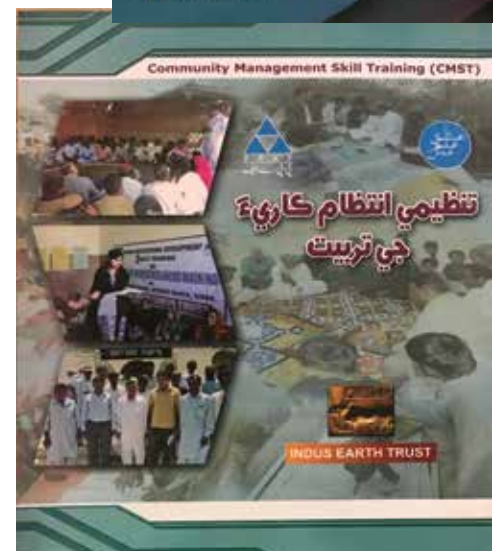
Gender
Mainstreaming

Resource
Mobilization

Community
Linkages

Environmental &
Social Management
Framework

Monitoring
Evaluation



Achievement /Facts



124424

Population

22061

Household

450

Villages

45

Union Councils

20

Tehsil

7

District

Livelihood Development

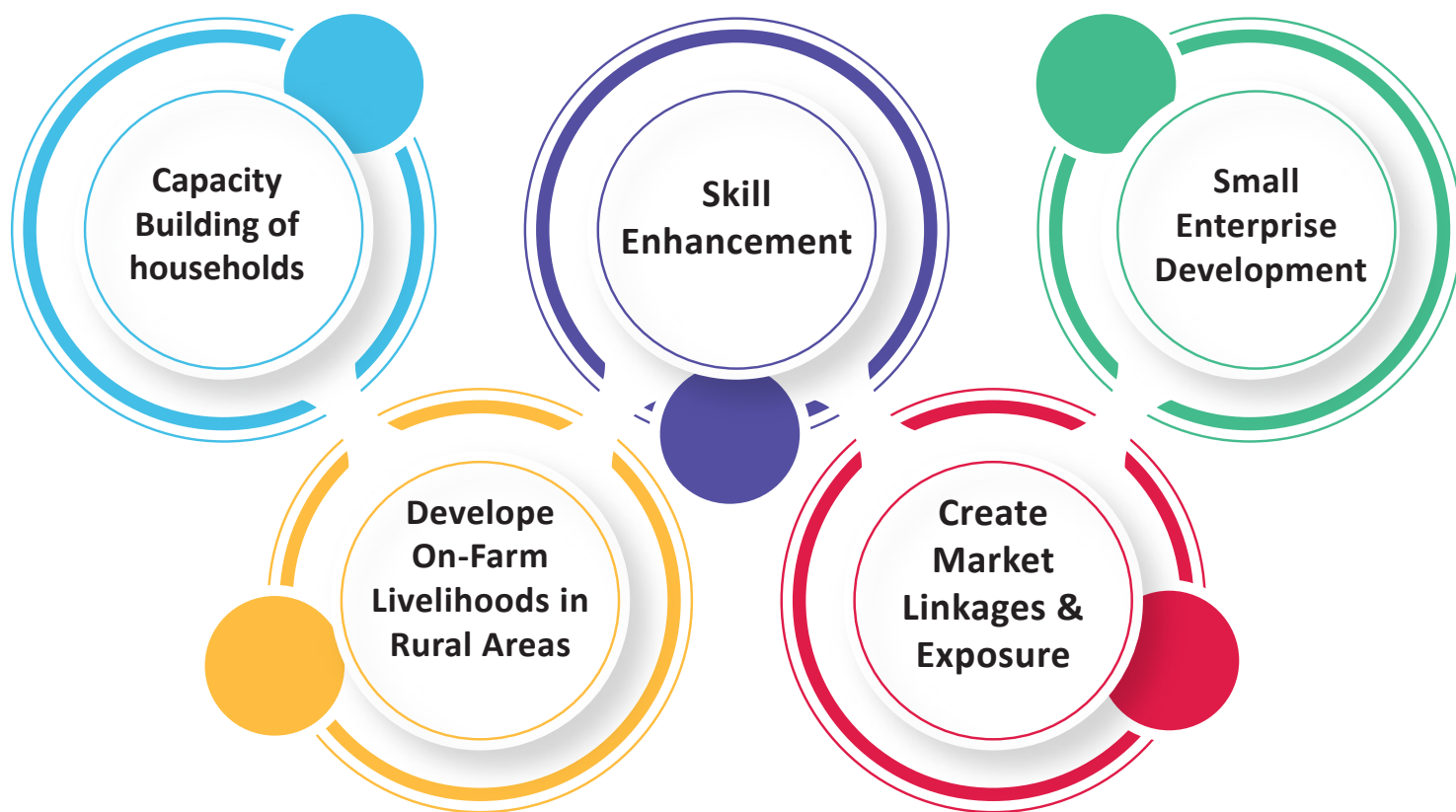


Indus Earth Trust Livelihood Development Program is designed to help improve the quality of life for marginalized households by providing them entrepreneurial training, productive assets, market exposure, market linkages thereby giving them hope to constructively contribute to their families and communities. IET divided livelihood development program in urban and rural based enterprises, IET realizes that business dynamics, markets, value chain, customers' approach, business infrastructure and goods are different. IET enhances their entrepreneurial skills, knowledge, education to achieve their livelihood' objective. It encompasses people's capabilities, productive assets and income to secure the necessities of life.

“ Pakistan's 20.76 million workforce suffered livelihood losses due to coronavirus ”



Objective of Livelihood Development



Principles of Livelihood Development

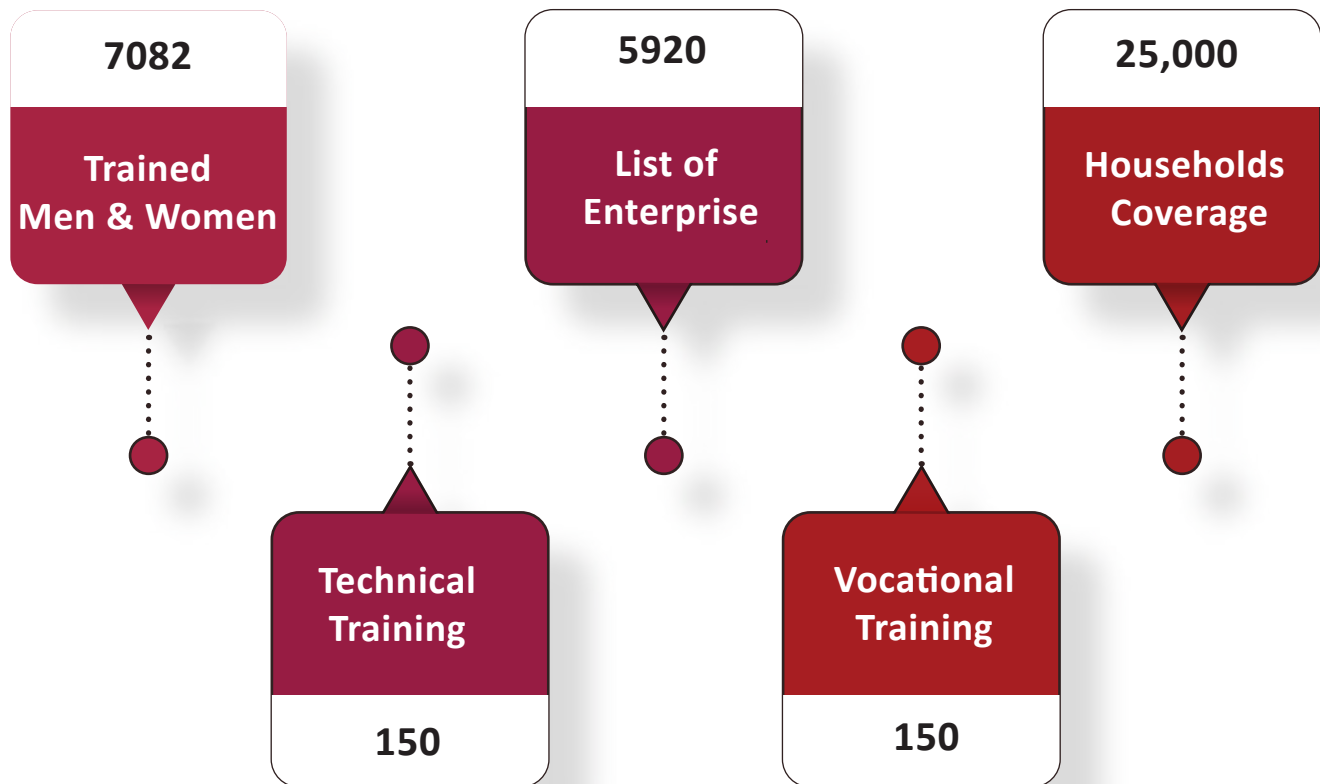
- Focus on Poor and women headed Households
- Youth Empowerment as Community Resource Person - CRPs
- Livelihood Investment Planning
- Business Feasibility Plan
- Creating common Interest Groups for Value Addition

A woman wearing a black hijab is pointing her right hand towards a large banner. The banner is white with blue and red text. At the top left, there is a logo for 'IET' (Institute of Environmental Technology) with the tagline 'FOR A BETTER ENVIRONMENT'. The main text on the banner reads 'SINDH COASTAL AREA DEVELOPMENT PROJECT (SCAD)' in large blue letters. Below this, in red letters, it says 'Three Days Training Through...'. Further down, in blue letters, it says 'On Agriculture Enterprise'. At the bottom, it says 'AT UNION COUNCIL G...'. There are also some smaller logos and text on the right side of the banner. The background is a plain wall.

**Sectoral
Community
Resource
Persons
Training**



Achievement /Facts



Amtul Raqeeb Award-PPAF 2018 (Women Enterpeneur)

Saima wins Amtul Raqeeb Award for her energy based livelihood in a remote village On International Women's Day, March 8, 2018, Saima won Pakistan Poverty Alleviation Fund's national award 'Amtul Raqeeb' given to appreciate significant increase in economic living standard of households. Saima wins Amtul Raqeeb Award for her energy based livelihood in a remote village On International Women's Day, March 8, 2018, Saima won Pakistan Poverty Alleviation Fund's national award 'Amtul Raqeeb' given to appreciate significant increase in economic living standard of households.



Water and Sanitation, Health Hygiene WASH Program

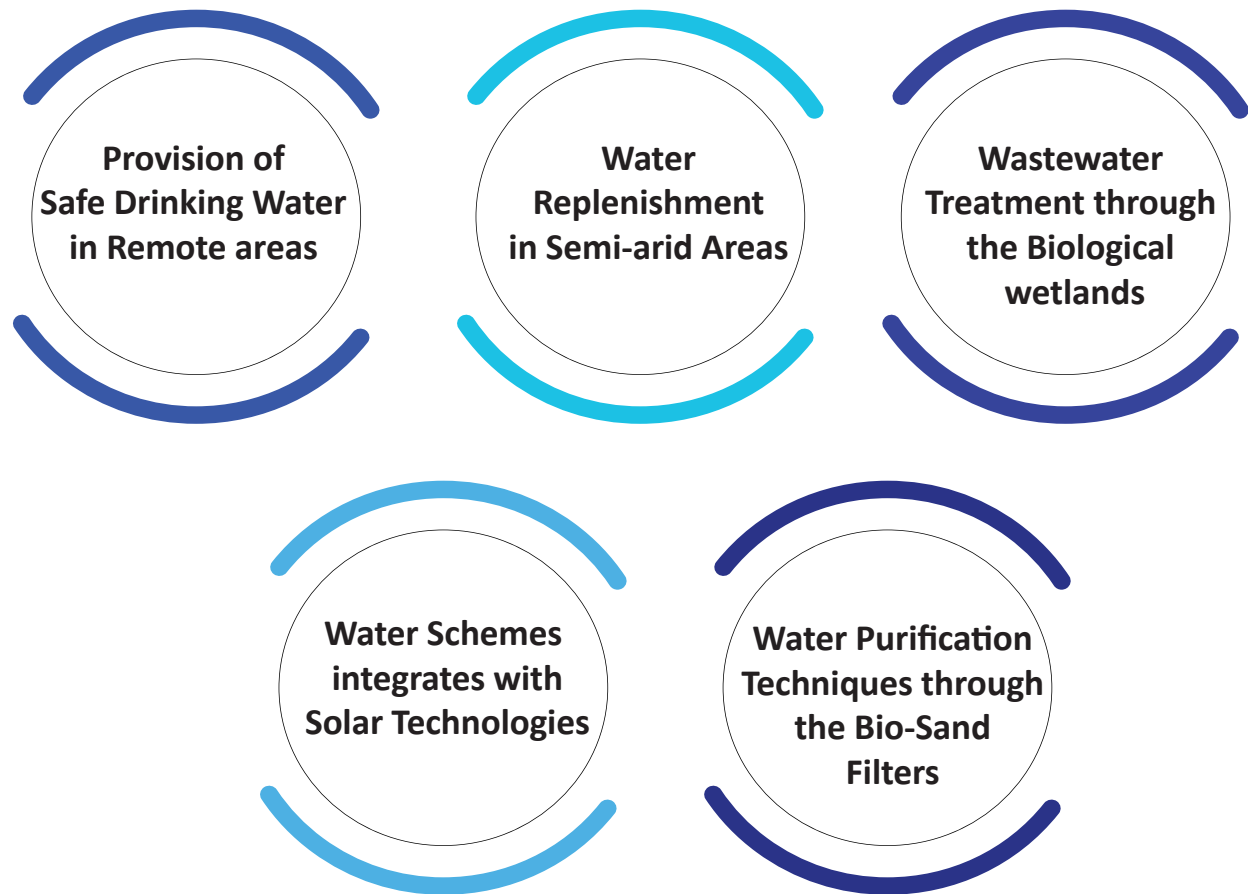


Indus Earth Trust has a woman centered approach to water provision as women are responsible for providing water to their families, on average every day women walk from one to five kilometers to get water. Indus Earth Trust has introduced water wheels for transporting water. These have capacity of 30-35 liters which is twice capacity of their containers, women do not need to make more than one trip to the water source. Indus Earth Trust has considerable experience in provision of safe drinking water options; Hand Pumps, Water Supply Schemes, Water on Taps, Rain Water Harvesting, Dug Wells, Water Channels, Solar Water Pumps, Solar Irrigation Pumps, Water Bio-sand Filters. Biological wastewater Treatment is also one the main area of the IET WASH Program.

“Currently, only
20% of the country’s
population has
access to clean
drinking water”



Objective of WASH program



Principles of WASH Program

- Laboratory Test of Water Schemes before Delivery
- Water Conservation through the rain water harvesting
- Consult with Local Women for Water Delivery Mechanism
- Promote Ingenious techniques of Water Purification
- Safe and Hygienic Transportation of Water

Trainings

WASH
Training

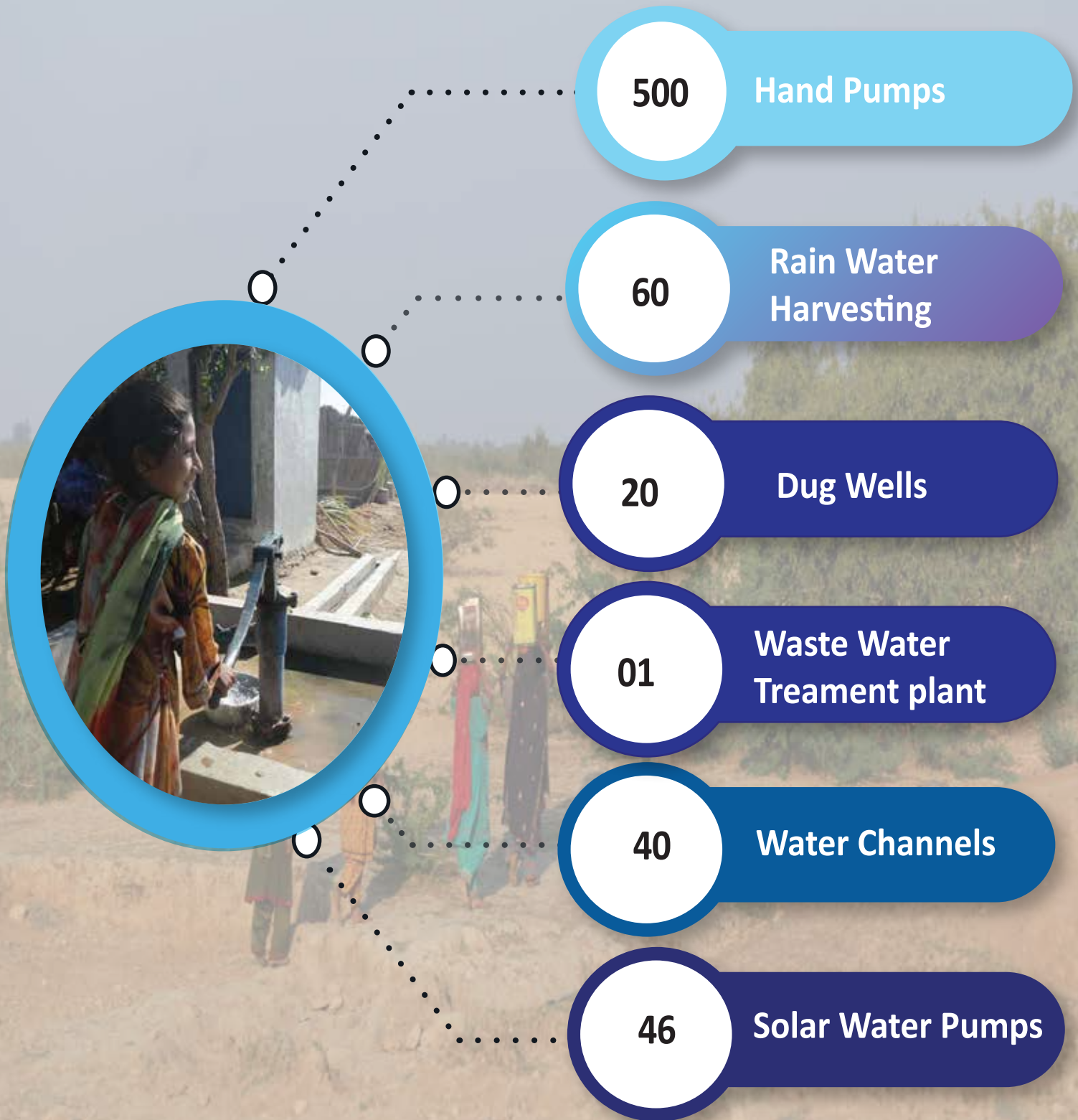
Bio-Sand
Filtration
Training

Health Hygiene
Training for
Schools
Going
Children

Wastewater
Treatment
Training
Benefits and
Techniques



Achievement /Facts



Energy Solution Program



Indus Earth Trust worked for energy solution since last 15 years, started with installation of solar street lights. Indus Earth Trust is pioneer in energy projects at community level in coastal areas of Sindh. Implemented Solar home lighting projects and move forward with idea of Mini-Grids that are complete energy solution for household's energy needs (Lighting, Fans and Mobile Charging), village communal places; Street Lights, School, Hospital, Community training center, Mosque and Temple. IET established monthly billing mechanism with help of village organization. Village Organization will be deposited into VO account for operation and maintenance of Mini-Grids.

“ Pakistan has 2.9 million megawatts of solar energy potential ”



Objectives of Energy Solution Program

**Environmentally
Friendly Energy
Solution for
Coastal & Rural
Communities**

**Energy Solution
Integrates with
local Livelihoods**

**Nurturing &
Mentoring the
Communities
about Renewable
Energies**

**Enabling Better
Communication in
Rural Areas**

**Ensuring the
ownership through
the Community
Contribution**

Principles of Energy Solution Program

- **Focus on Off-Grid areas of Sindh**
- **Technically Train Energy Community Resource Person - CRPs**
- **Establishment of Monthly Billing System according to warranty & Guaranty of equipment's**
- **Encourage Energy Based Livelihoods in villages**
Billing amount presented to all village members on Monthly Basis.

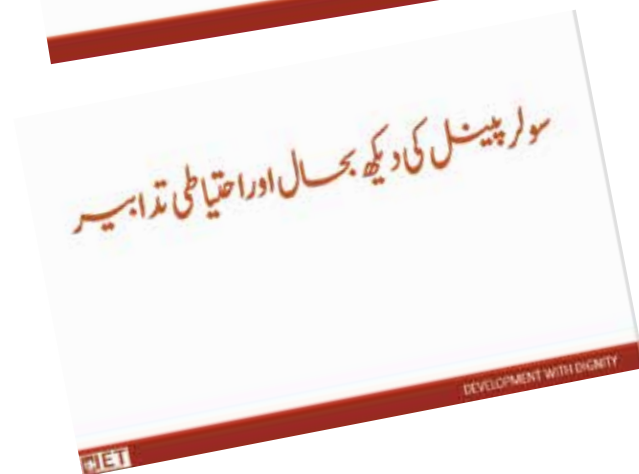
Trainings

Operation and Maintenance of Solar Mini-Grids

Financial Record Keeping

Energy Based Small Enterprises

Disposal of Batteries according Environmental Protocols



Achievement /Facts

85

Solar Street Lights

132

solar Home Lights

5

Solar Mini-Grid

500

solar Lanterns

50

solar water Pumps
(Drinkings)

40

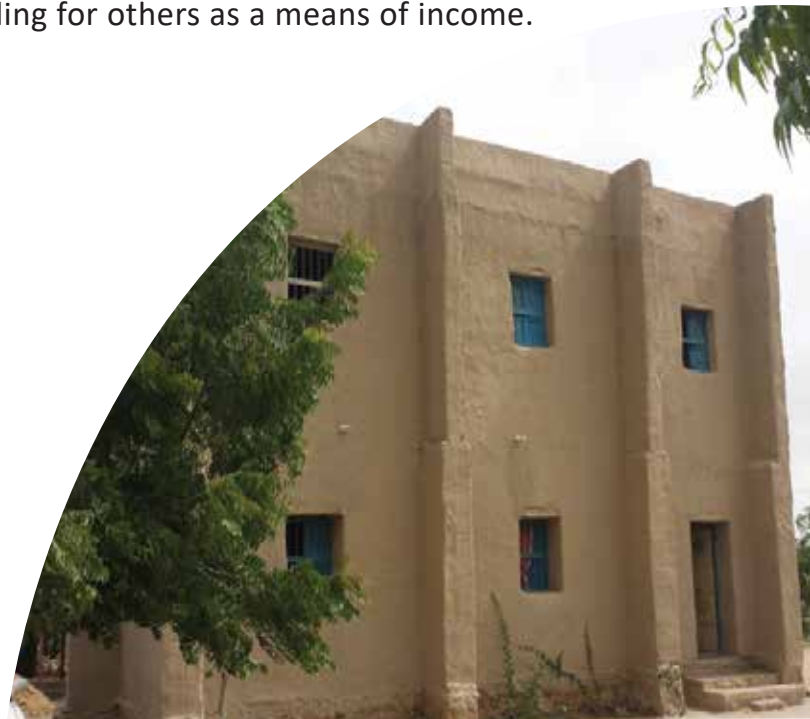
Solar Water Pumps
(irrigation)

Housing Program

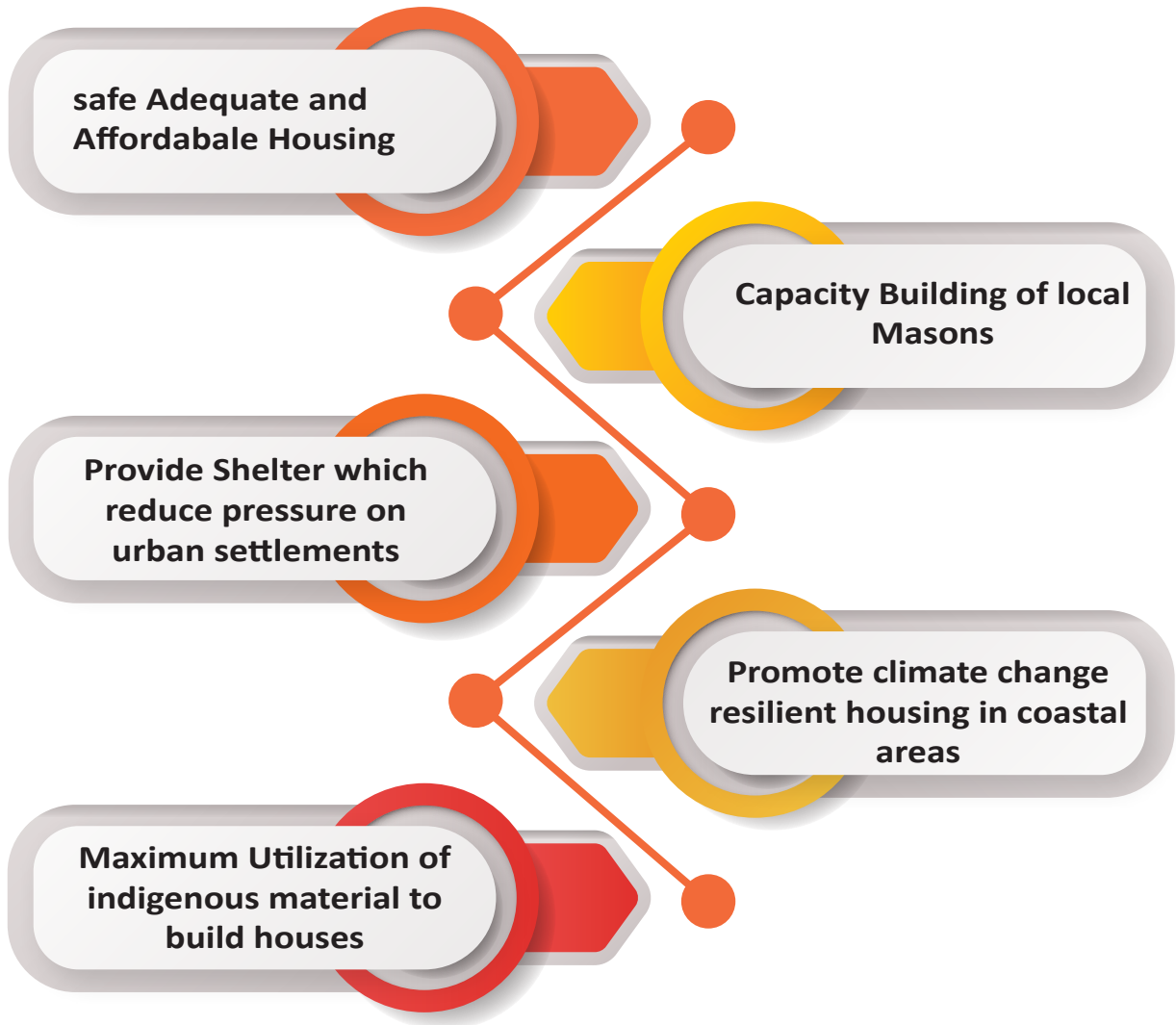


Indus Earth Trust has enormous experience in building using earth, stone and bamboo as material to build secure and climate resilient houses with zero carbon foot print. The structures built have survived several years of heavy rains strong winds and are earthquake resistant. Indus earth Trust partnered with world leaders in earth housing; CRATerre where IET CEO was trained. Indus Earth Trust and CRATerre also trained local masons and carpenters to build earthquake destroyed houses. IET has equipped communities with tools for building sustainable shelters using local material and training in proper construction methods. IET trains masons to build indigenous material structures. They build their own houses as well as building for others as a means of income.

“ Pakistan is facing shortage of 9 million residential houses, which is growing with the ratio of 600,000 annually ”



Objectives of Housing Program



Principles of Housing Program

- Construction to move towards a ZERO CARBON FOOTPRINT
- Providing work for Rural Communities improving living standards
- Using local material for building houses
- Ensure Different type of housing according to need and environment
- Liaison between communities and Government departments, Banks for Housing programs

Trainings



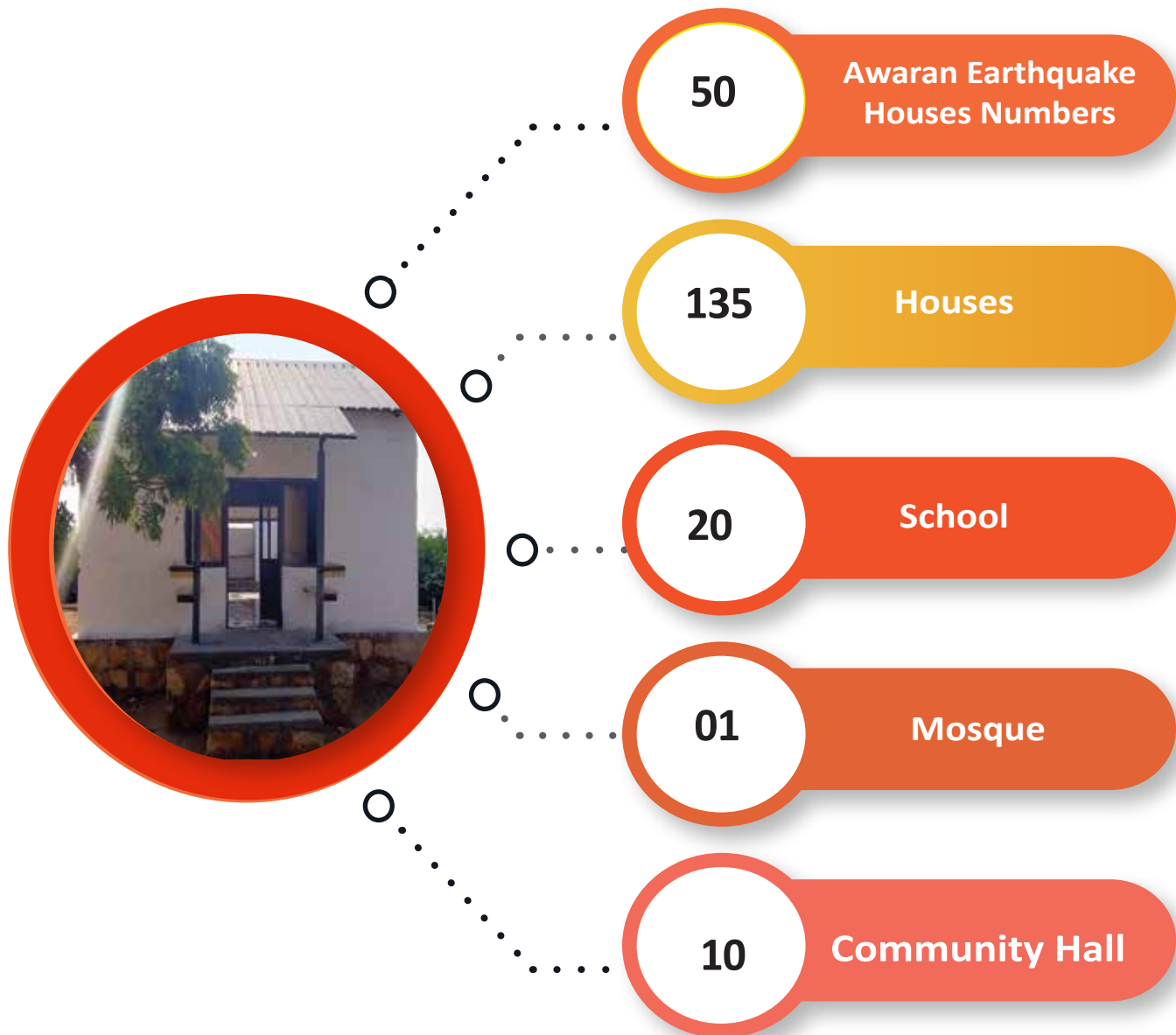
**Training on Need for
Zero Carbon Footprint**

**Demonstration of Earth & Bamboo
Building Techniques**

**Training on Bamboo
Carpentry and CEB Blocks**

**Training on Climate
Change Resilient Housing**

Achievement /Facts



- Low-Cost Housing and Sustainable Development Certification from CRATerre
- IET CEO worked for British Government in Zambia in Rural Development
- IET CEO worked for World Bank in Afghanistan, Ethiopia and Yemen in Land Management.

Community Basic Infrastructure Program



Indus Earth Trust' Community Basic Infrastructure Program addressing the needs of rural marginalized communities such as check dams, flood protection, link roads, culverts, incinerators and aqua farming. These projects improve water management, communication and income generation activities at community level. Community members are benefiting from improved infrastructure to meet their basic needs and gain better access to communal services. All community-basic infrastructure will be built and maintained over time by the community organizations from their savings and contributions.

“The economy needs reliable infrastructure to connect supply chains and efficiently move goods and services.”



Objectives of Community Basic Infrastructure Program

Prevent rural communities from Disasters

Improve communication of the rural communities with cities

Establish community-based eco-tourism infrastructure

Rehabilitation and adaptation of communal infrastructure

Principles of Community Basic Infrastructure Program

- Build Capacity of local communities in need identification, planning and execution
- Create sense of ownership and responsibility about the communal infrastructure
- Ensure community contribution at least 20% in kind, labor or cash
- Liaison with local government about the village and Union council development plan

Trainings

**Participatory Rural
Appraisal - PRA**

**Infrastructure Need
Assessment**

**Climate Change and disaster
Resilient infrastructure**

**Village & Union Council
Development Planning**



Achievement /Facts

20

Check Dams

24

Link Roads

38

Flood Protection

24

Culverts

04

Solid Waste
Management schemes

Climate Change Adaption Program



Pakistan's climate change concerns include increased variability of monsoons, the likely impact of receding Himalayan glaciers on the Indus River system, decreased capacity of water reservoirs, reduced hydropower during drought years, and extreme events including floods and droughts. Indus Earth Trust Empowers the communities through the community based adaptation techniques and practices; social forestry, tree plantation, community based nurseries, mangrove plantation, flood protection and micro irrigation system in coastal areas.

“Pakistan has persistently been reckoned among the top 10 most affected countries due to climate change”



Objective of Climate Change Adaption Program



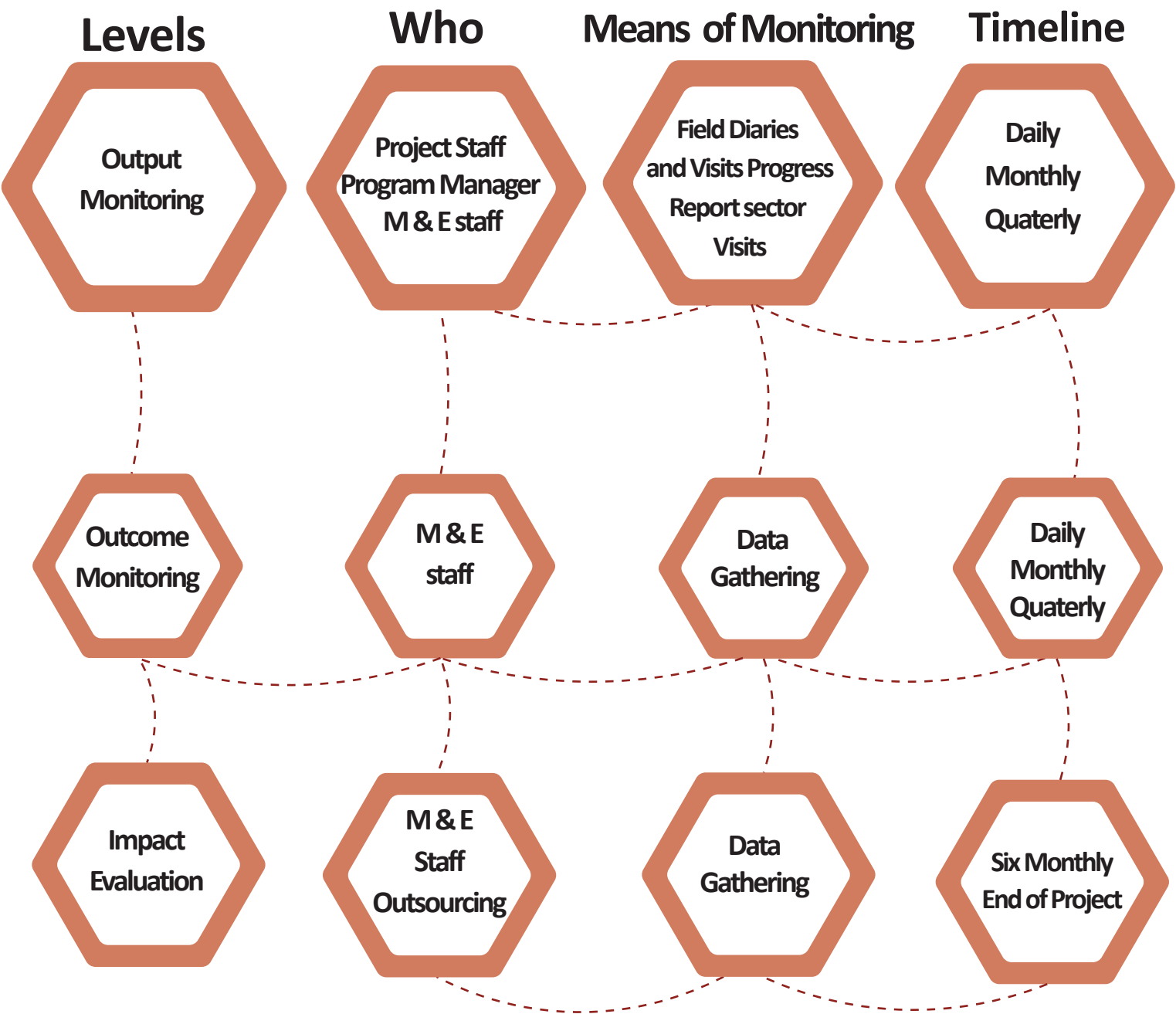
Principles of Climate Change Adaption Program

- IET programs are implementing under the national climate change policy guidelines.
- Encourage and facilitate the communities to use renewable energy.
- Reduce waste of water
- Alternative livelihoods in climate change scenario

Monitoring and Evaluation-IET's project Monitoring Methodology

IET's Monitoring and evaluation is done at two levels, Organization level and Project level. At the organization level,prior to project approval,the Board of Trustees reeviwh the term of the Donor funding agencies.

At the project level,we follow a stringent monitoring process which is output and outcome based at various stages in the project. Impact evaluations are performed through monitoring indicators at Six Monthly,Midterm and End of the project level.



IET Partners



IET Auditor Details

Junaidy Shoaib Asad Chartered Accountant

1/6-P, Block-6, P.E.C.H.S., Mohtarma Laeeq Begum Road,
Off: Shahra-e-Faisal, Near Nursery Flyover, Karachi, Pakistan.

Phone : +92 021 34371910-13

Fax : +92 021 34371916

Website: info@jsa.com.pk

Consultant Legal Advisers

Barrister Jahanzeb Awan

Advocate Supreme Court of Pakistan; Barrister-at-Law;
Honorary Consul of Australia in the Province of Sindh

Appeal For Fund/Donation

Donate to IET

Help Uplift marginalized communities out of poverty

Spread Awareness

Help spread awareness about our work by following us on facebook,instagram and Twitter.

Volunteer

Volunteer or intern with us info@indusearthtrust.org

Bank Details

Account Title : Indus Earth Trust

Account No : 1541000873350002

IBAN No : PK24MCIB1541000873350002

Branch Code : 154

Swift Code: MCIBPKKI

Branch: DHA Phase II Branch, Karachi

Branch Address : MCB Islamic Bank

Plot No.A-47,Block 87/1/A/47

National Highway D.H.A. Phase-1 Karachi.





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