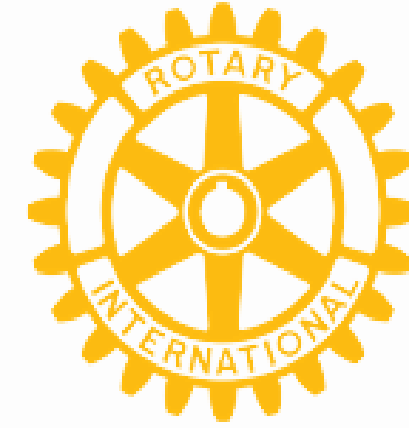




**GERMANY - PAKISTAN
INTER COUNTRY COMMITTEE
Rotary Pakistan Smart Villages Program,
Sindh & Punjab**



Rotary
Pakistan



**SMART
VILLAGES**

SUPPORTED BY:
GERMANY- PAKISTAN
INTER COUNTRY COMMITTEE
VILLAGES:
ZAFARABAD,
LUCKY FARM SAMARO
& ROJHAN
RID: 3271 & 3272 (former)



Disaster Background

- In 2022–23, Pakistan faced devastating floods.
- Millions were affected – lives lost, homes destroyed, and infrastructure damaged.
- Sindh was the most affected province.
- Urgent need for rehabilitation and sustainable recovery was arranged



- Extremely poor, flood-affected families.
- Living in unsafe temporary tents.
- Recommended by District Committee members.
- Nearby Rotary Clubs available to lead and support.
- Community showed interest and contributed labor in construction.





Project Scope – Infrastructure : A support by Rotary Germany :

For 100 families:

- Permanent housing units
- Eco-toilets
- Hand pumps for clean water
- Solar Panels for energy
- School, Health Center & Community Center

Design Aspects Considered

- Sustainable construction using mud, lime and bamboo
- Height of earth embankment determined by the flooding records of previous years
- Create drainage channels connected to nearby water bodies to prevent stagnation of water
- Planting water resistant plants/trees to protect houses from erosion



Village Zafarabad



[illegible]



Rohjan Village



Project Vision

- Build resilient rural communities
- Use innovation, technology, and local resources
- Create sustainable lifestyles
- Empower the affected families for long-term recovery



RI Vice President Dr Hans Hermann and Nadja visited Smart Village



Empowering Girls with Vocational training



Telemedicine Clinic



Solar Panels with LED Lights



Shketers made of lime, mud & bamboos are all weather supportive



Solar Panels for energy





Eco Toilets



Hand pumps



Dispensary



Education



Guest House





Livelihood & Skill Training

- Women's training at Community Center
- Economic development programs launched
- Skill areas include:
 - Chicken & Goat Farming
 - Fishponds
 - Kitchen Gardening
 - Shops & Handicrafts
 - Cane Matting, Thatch Roof Panels
 - Pottery & Azolla Farming

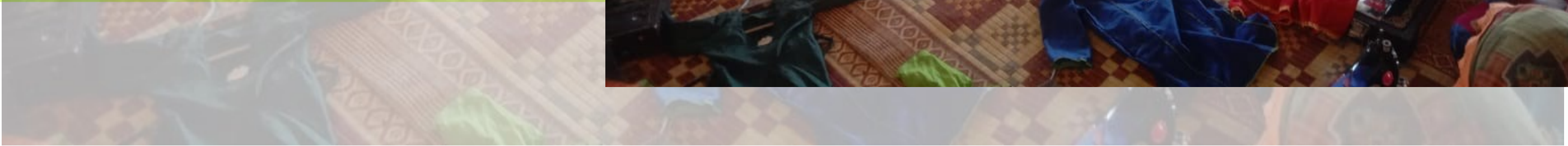


Sustainability Approach

- Income from livelihood programs
- Community ownership & local labor









Flood Protection Measures

- Boundary walls
- Community forests
- Aquifer wells
- Wetlands for water management



handover



handover





Thank You