

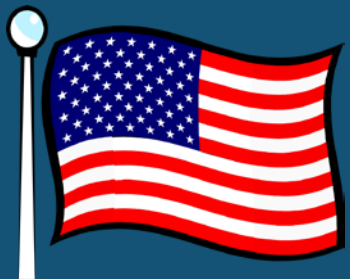
Partnering with Rotary Clubs in Mexico for more than 2 decades

Barbara Kiernan
World Community Service Chair
Catalina Rotary (Tucson) – D5500
barbarakiernan@cox.net
520-240-8020

Rotary Global Grant Proposal in Sonora, Mexico

Improving Rural Healthcare Help for Today; Model for Tomorrow

Host Club: R.C. de Navajoa (Sonora, MX) – D4100
International Club: Catalina R.C. (Tucson, AZ) – D5500



Goal:

Use “Rural Empowerment” Strategies to provide sustainable & accessible health care to underserved, marginalized communities in remote areas of northern Mexico



Rotary Area of Focus



Disease Prevention & Treatment

Remote Rural Areas to be Served

Indigenous communities with
limited or no access to
healthcare, routine or
otherwise.

Mesa Colorada

Los Estrados/San Juan

Mochibampo

Burapaco

Colonia Makurawe



Barriers



- Distance from clinics and hospital care
- Transportation availability
- Language isolation/ communication systems
- Equipment/technology access
- Timely Treatment

Sustainable Resources, Partners, Collaboration Options

- Clinica Almas Integral in Alamos, Sonora
- Trainees in waiting
- Telemedicine
- Rotary in Sonora
- Community volunteers
- University UNISON (University of Sonora)
- Municipalities of Alamos/Navojoa

Solutions Proposed: Grant Objectives

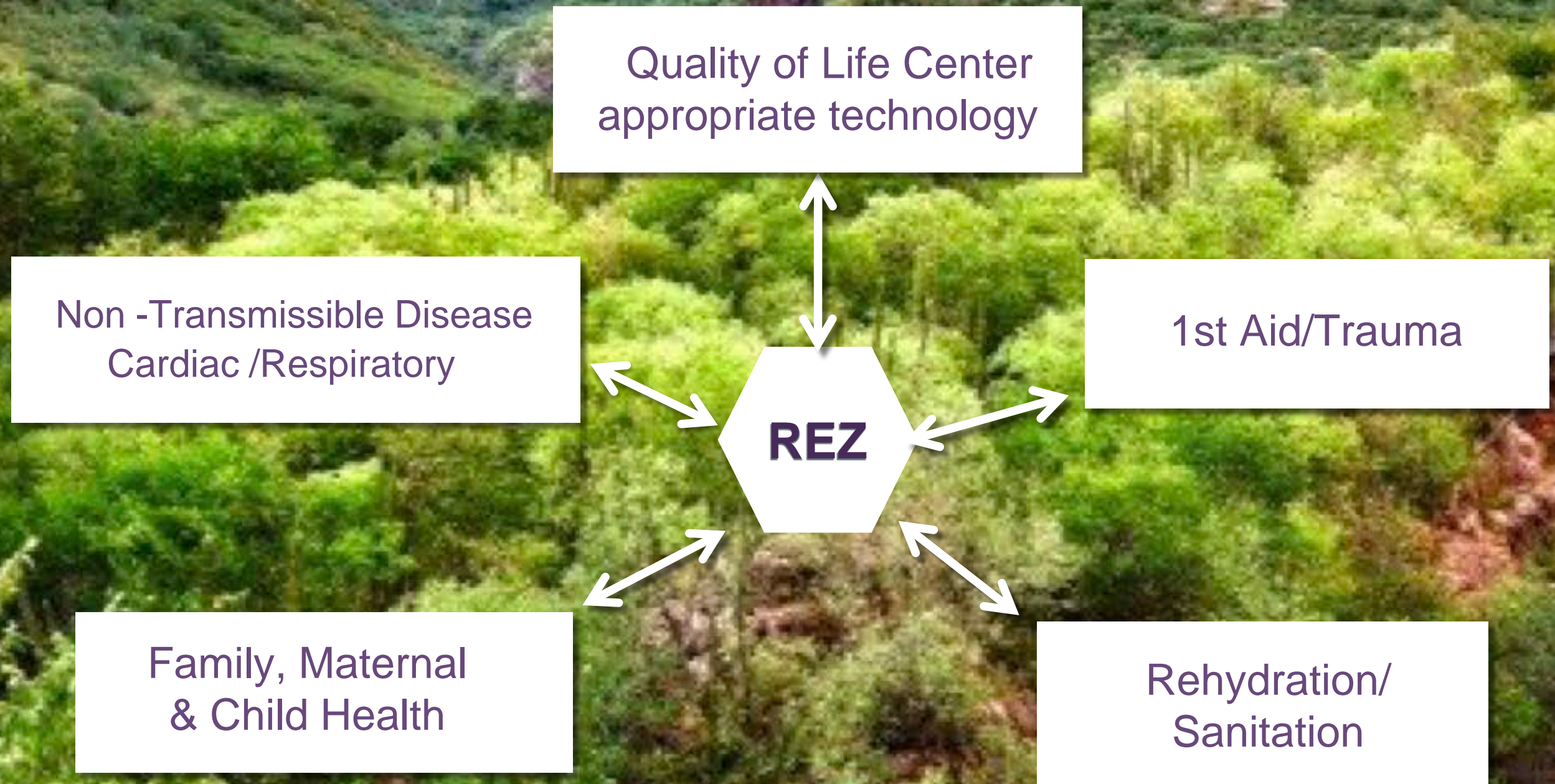
CREATE	Rural Empowerment Zones (REZ) within each targeted community
PROVIDE	Professional Development for healthcare workers
PROVIDE	Training for community members
DEVELOP	Telemedicine system of communication

REZ



The Rural Empowerment Zones in each community focus on community residents & the augmentation of resources that permit immediate access to healthcare.

Rural Empowerment Zones: Healthcare Services Implemented



REZ - Quality of Life Zone

- Appropriate technology

- Solar lights
- Hearing aids
- Screening for problems
- Ophthalmology Audiology
- Special Needs
- Wheel chairs for rural care
- Solar powered ice chest development for vaccinations and insulin



REZ -Non -Transmissible Disease

Cardiac /Respiratory

- Blood pressure monitoring
- Pulse oximeters and glucometer training
- Oxygen - respiratory & cardiac care
- Nebulization
- Telemedicine dosing - guidance for adult /pediatric care



REZ – Family Maternal / Child Health

- Nutritional education
- Child weight, growth & wellness
- Screening
- Birth center empowerment
- Gardens - food sovereignty
- Special Needs
- Reproductive health



Rural Family, Maternal and Infant care



REZ -Rehydration/ Sanitation

- Water purification systems
- Water supply for electrolytes
- Telemedicine for hydration dosing with IV
- Oral rehydration/ training for diarrhea vomiting or heat-induced dehydration



REZ -First Aid/Trauma

- Preservation of bicultural healing traditions & care
- Infection vector control
- First aid & paramedic training for remote rural communities
- Preparation for evacuation & transport



Training for Community



**And Professional Development for
Healthcare workers**

Health Education & Capacity Building



**Asset Mapping, Health outreach, Nutritional classes,
Community Gardens**

Telemedicine



A reliable solar-powered digital system that permits remote diagnosis & timely treatment of patients in need of acute or chronic care

Long-term Objectives



Create a replicable model of sustainable & effective health care in remote areas of rural Mexico

Enhance sustainable clinic centers to facilitate continued quality of care

Budget

Total Expenses \$140,000

Fundraising objective: \$70,000

Equipment	\$ 71,400 (51.0%)
Supplies	\$ 11,200 (08.0%)
Training	\$ 45,500 (32.5%)
Project Mgt	\$ 11,900 (08.5%)

October 2018 – September 2010