


WHEELS Global Foundation

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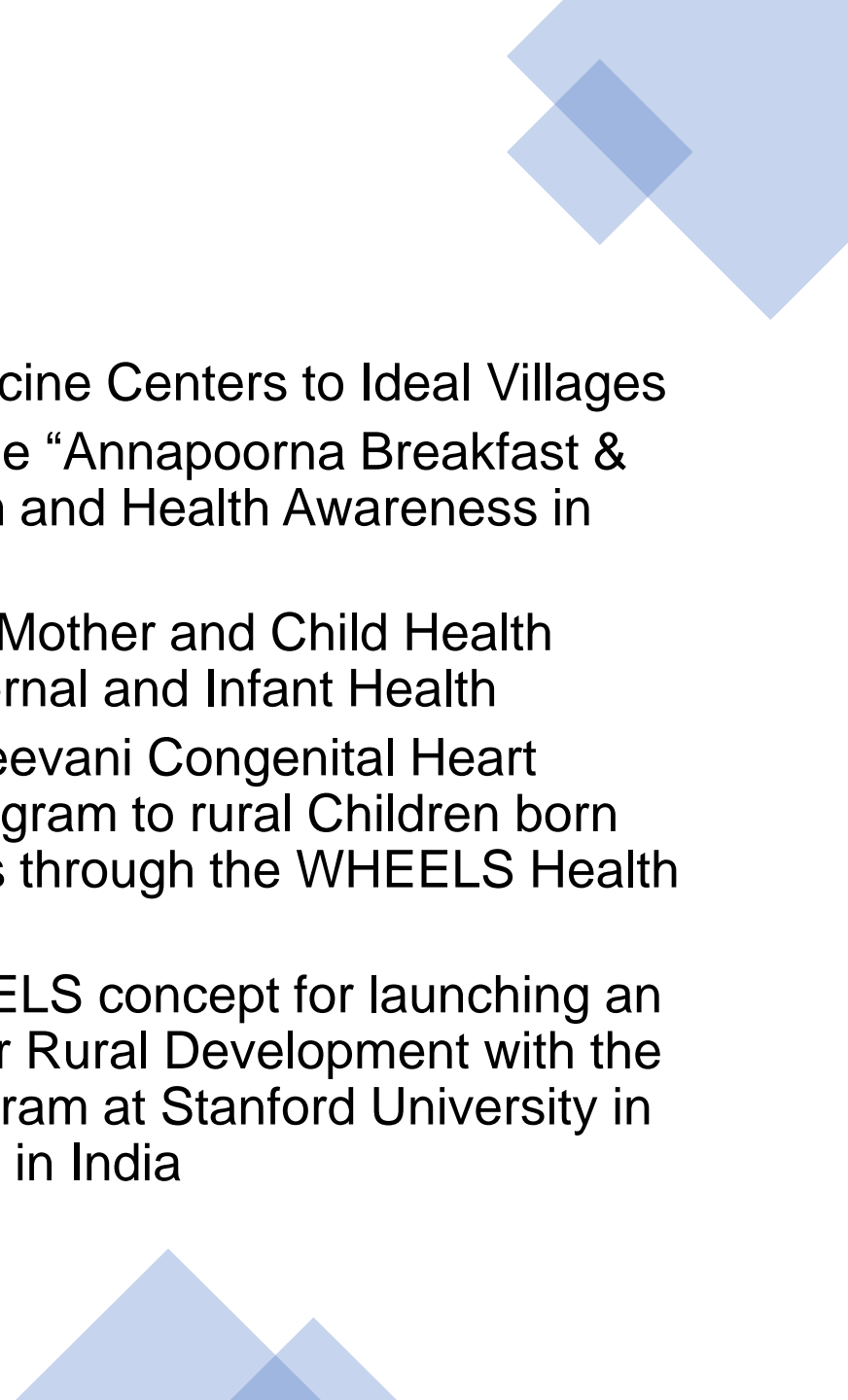


Ideal Village and WHEELS Global Foundation

- Great conference! I wish we could bottle the spirit and palpable enthusiasm of all the speakers and audience. Thank you!
 - Ideal Village and WHEELS Global Foundation will:
 - Collaborate to ***Apply Technology-based solutions for scaling rural development*** by bringing NGOs, research organizations, universities, industry, and government together. Some of the common activities we are beginning to collaborate include:
 1. Continue collaboration on Ideal/SMART Village conference each year in the USA and also in India. The next one will be an "in-person" conference in Wardha, India, in 2022. Watch for notifications.
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Ideal Village and WHEELS Global Foundation (Cont'd)

2. Expand Telemedicine Centers to Ideal Villages
 3. Adopt Ideal Village “Annapoorna Breakfast & Nutrition Program and Health Awareness in Aravalli AP
 4. Adopt the Divine Mother and Child Health Program for Maternal and Infant Health
 5. Expand the Sanjeevani Congenital Heart Defect (CHD) program to rural Children born with heart defects through the WHEELS Health Council
 6. Pursue the WHEELS concept for launching an Indian Institute for Rural Development with the Ideal Village program at Stanford University in the USA and also in India
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Brief Introduction to WHEELS

- An initiative by the Alumni of the Indian Institutes of Technology in 2006 in response to a challenge from late President Abdul Kalam to "Solve the big problems in the world."
- The SIX areas we focus on are:
 - **W**ater
 - **H**ealth
 - **E**ducation
 - **E**nergy
 - **L**ivelihoods
 - **S**ustainability
- Incorporated in 2013 as a 501C(3) entity in the USA
- Incorporated as a Sec. 12 entity in Pune, India in 2017
- *Apply TECHNOLOGY to scale solutions for Philanthropy*

Typical Projects

- Established WHEELS India Nishwarth (WIN) Foundation in 2018
 - Research projects on Water at IIT Gandhinagar, IIR Kharagpur, IIT Bombay, etc
 - Mother and Child Nutrition
- Water conservation project in Himachal Pradesh
 - Geospatial data
 - Re-forestation
 - Channeling streams and rainwater to rejuvenate aquifers
- Telemedicine Operations and Oxygen Concentrators
 - 360+ during COVID averaging 3000 patients/mo.
 - 3000+ Oxygen Concentrators together with Federation of Indian Physicians in America (FIPA)
- Rehabilitation and Computer training for Paraplegics – Pune
 - Internet of Things
- Entrepreneurship and Livelihoods
 - Manufacturing disposal Chechu Leaves – Ananthpur with Rural Development Trust
 - Telemedicine Operators
- SMART Village Development – Cluster of 7 villages in Aravalli District of Gujarat
 - Skills development
 - Computer Center

WIN Foundation: Watsan - Technologies to Field

- **Soil and Water test kits – field usable, low cost**
 - By FFEM, Bangalore,
- **Soil Moisture measurement, Village level Weather monitoring**
 - By Soilsens, IIT Bombay / Pune
- **Borewell level sensor**
 - By CFar Technologies, Pune
- **Modular Cold chain for perishables**
 - By Tan90 Solutions, Chennai,

*** Usable by communities in field ***

*** Take Science to Society * Take Society to Science**



Training by FFEM for product trial – Base Soil Testing Kit



Women Bhujal Jankar measuring Soil Moisture

Samridhi

લાંબા સમય સુધી શાકભાજી, ફળ-ફુલ, માછલી વગેરેને તાજા રાખવા માટેની કુદરતી ઠંડક ટેકનોલોજી

Natural cooling technology to keep Vegetables, Fruits-Flowers, Fish fresh for a longer time.

PRODUCT DETAILS/ ઉપકરણની માહિતી

<ul style="list-style-type: none">• Evap90 is Zero Energy Coolers works on the Evaporative Cooling Principle.• Can keep all vegetables, fruits, flowers and fish, fresh upto 3 to 4 days, using only 7 lts. water per day.• Easy to install, operate and maintain• Capacity : 200 Kg.• Cost effective for storage of unsold fresh products.	<ul style="list-style-type: none">• Evap90 એ ઝીરો ઊર્જા ઠંડક-બાષ્પીભવનના સિદ્ધાંત પર કાર્ય કરે છે.• દરેક પ્રકારના શાકભાજી, ફળ, માછલી વગેરેને તાજા રાખવા માટે ૩ થી ૪ દિવસ સુધી ફેશ રાખી શકાય છે.• આ ઉપકરણનું સ્થાપન, ઓપરેટિંગ અને મેંટેનન્સ સરળ છે.• ક્ષમતા : ૨૦૦ કીલો.• આ ઉપકરણ વેચાણ ના સમયે ખોડકારને તાજા રાખવા માટે ખૂબ ઉપયોગી છે.
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માહિતી અને માર્ગદર્શન માટે સમૃદ્ધિ સેન્ટરનો સંપર્ક કરવો...

TECHNOLOGY SUPPORT BY

IMPLEMENTED BY

Win Foundation

CGPL

KUTCH FODDER FRUIT & FOREST DEVELOPMENT TRUST



100

100+ Villages



700

700+ Water Structures Recharges



6000000

6MCM+ Water Deficit Reduced



3000

3000+ Field Health Workers Trained



700000

7Lacs+ Population Touched



40

40+ Partners-Projects, Start-ups, Events

**WIN
Foundation
Reach
– some
numbers**

Chechu Leaf Plates Project with RDT



Women's Sewing School - Jodhpur



First meeting with Rakesh Ji (Wheels Foundation)

Aravalli SMART Village

<https://www.wheelsglobal.org/wgf-gallery>

TeleMedicine: 'HEART' Center



Software and Hardware Training



Doctor/Clinic/PHC/Hospital

Telemedicine Operators (TMOs) Get Telemedicine Kit

Artificial Intelligence (AI) & Machine Learning (ML) Based Technology

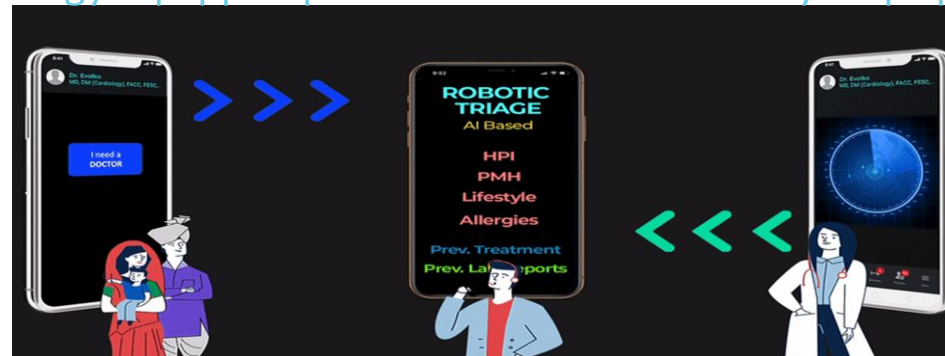
- Remote Access
- Screening
- Triage
- TeleConsult
- Prescriptions
- Follow up



TMO

A Technology equipped person from the community helps patients

- Saves Doctor's Time
- Baseline Medical Information of patients
- Detects Unassociated Disease Conditions
- Builds Database for Analytics




Prepare for Doctor Interaction

1. Triage for Current Illness
2. Screening for NCDs
3. Vitals with ECG
4. Relevant Tests

Interaction with Doctor

1. Coordinate Video Consult
2. Explains Treatment Advice



Please visit
WHEELS GLOBAL FOUNDATION
www.wheelsglobal.org
where one can volunteer and/or donate

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