



Tribal Empowerment: The DEI Way

Sumir Devaguptapu, Prem Sevak Sudhish, Sona Ahuja
Dayalbagh Educational Institute

Tribal Communities in India: The Profile

- Population - 104 million
- Literacy Rate – 59%
- Enrollment Ratio in Education – 43% at High School, 13% at University level
- Student drop out Rate – 62% (Class 1-10th)

Tribal Communities in India: The Profile

97,200 Single Teacher Schools in India (2016)



Tribal Communities in India: The Profile

Poor Infrastructure in Tribal Schools

- No Electricity
- No Drinking Water
- No Furniture
- No Teaching Aids



The Challenge

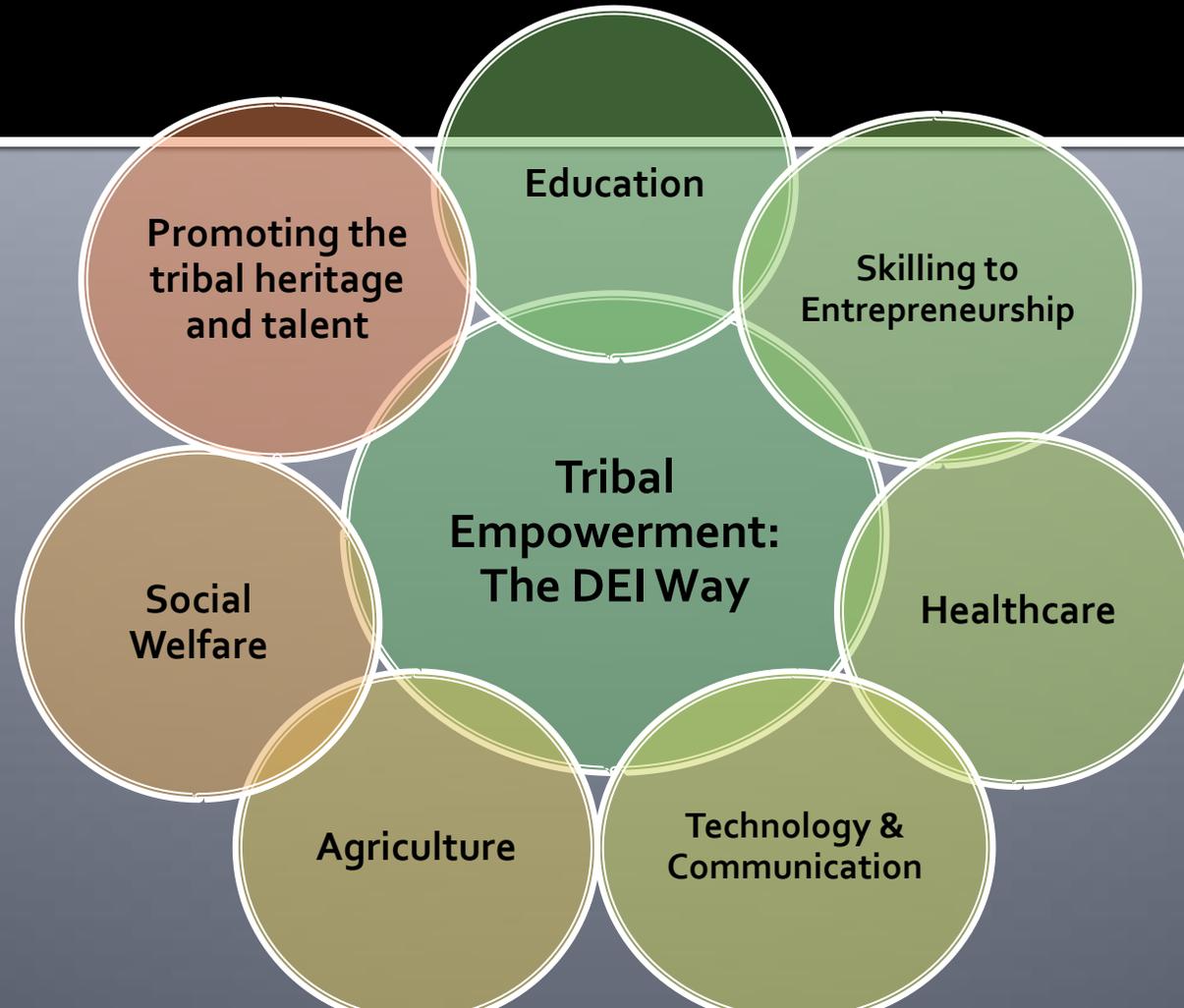
There is so much research and innovation taking place globally but the benefits do not reach to the last, the least the lowest and the lost.

Rajaborari – A tribal village cluster

- 10 tribal hamlets having a population of 6000 people
- Mainly *Korku* and *Gond* Tribes
- Located in 8000 acres of dense Forest
- No cellular and internet service provider



Tribal Community Empowerment Programme : The DEI Way



Quality Education at the door step for the Underprivileged

A unique model of education where the student has the facility to receive pre-nursery to university education right at their doorstep through the use of technology and highly passionate staff.

DEI Schools in Rajaborari Tribal Area



E-lectures in synchronous mode from University Campus to the Tribal Areas (500 miles away)



DEI Schools in Rajaborari Tribal Area



Use of ICT for Education in Remote Tribal Areas

Use of Renewable Energy in forest areas as sustainable solution

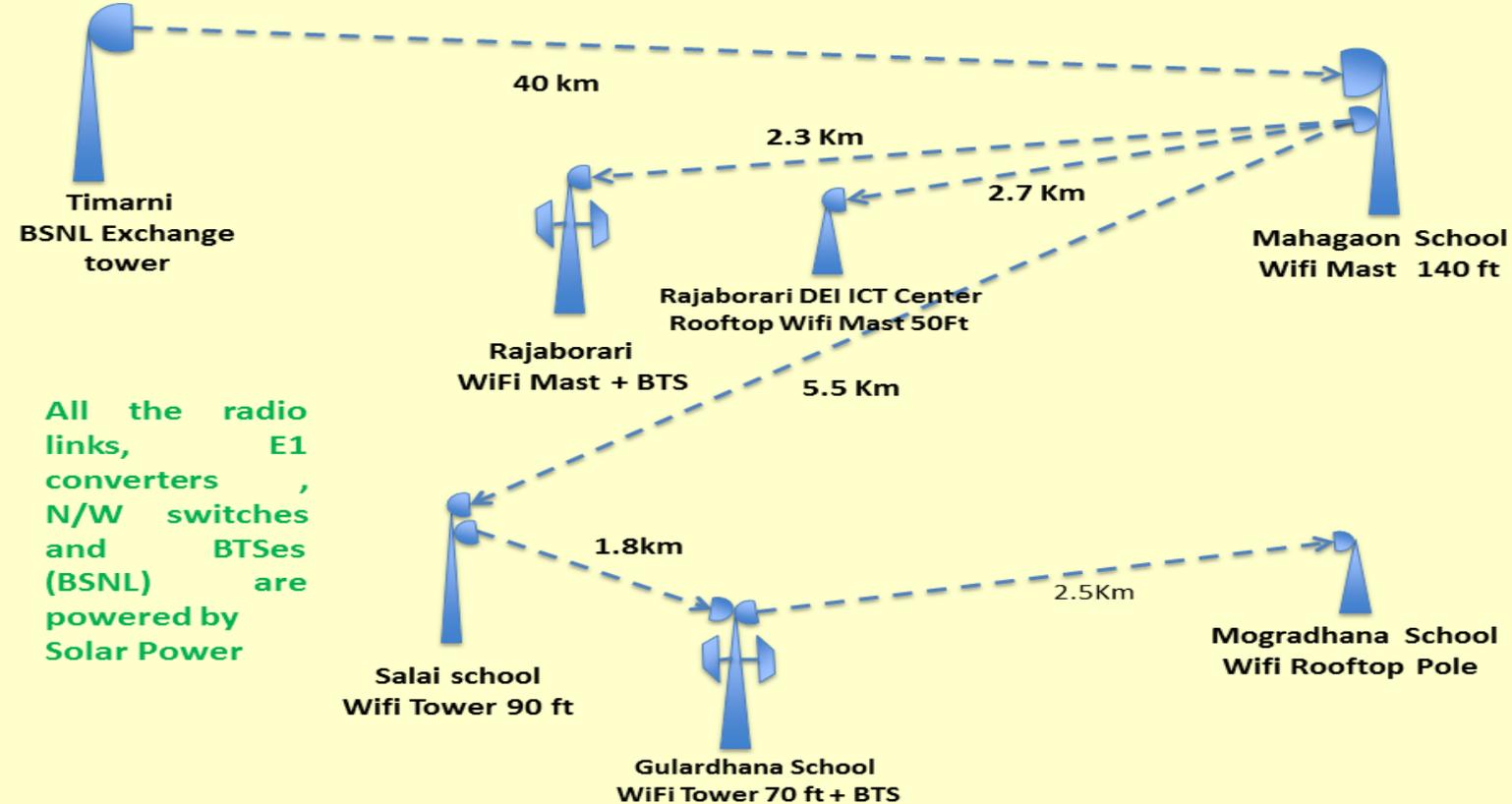


Skilling to Rural Entrepreneurship

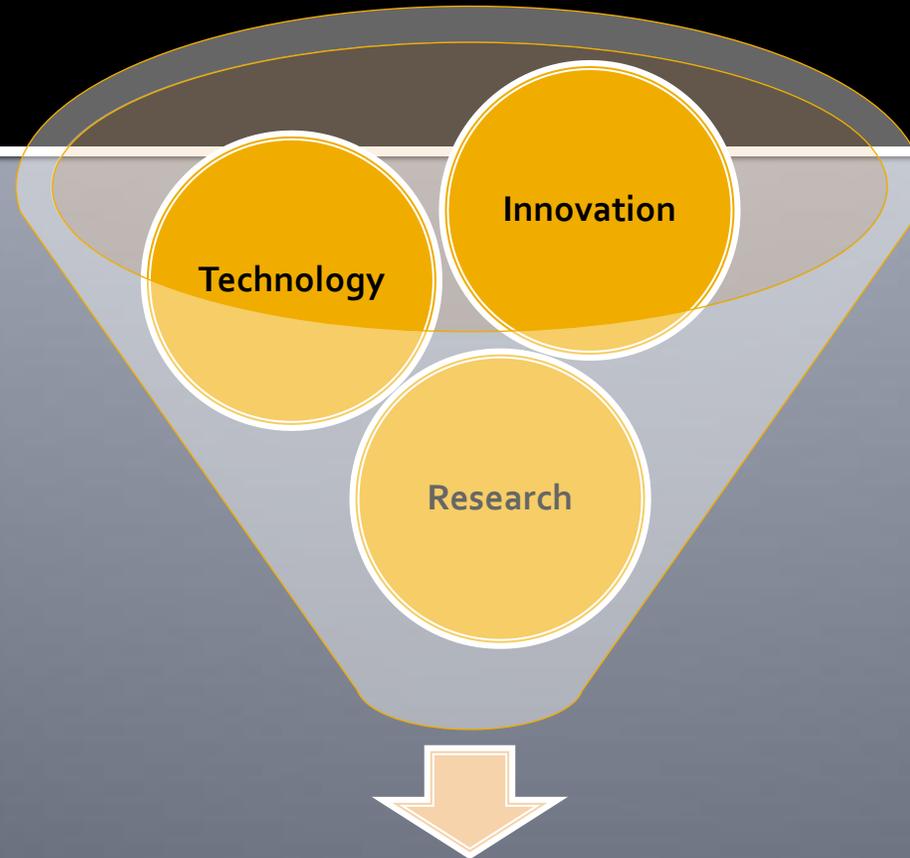


Cellular Connectivity to 8000 rural people

Wireless Backhaul for Internet Connectivity (for ICT Services) and Mobile Telecom Services



Why to Collaborate?



Benefits Must Reach to the
Marginalized Population

Dr. Manu Prakash, Stanford University



Foldscope



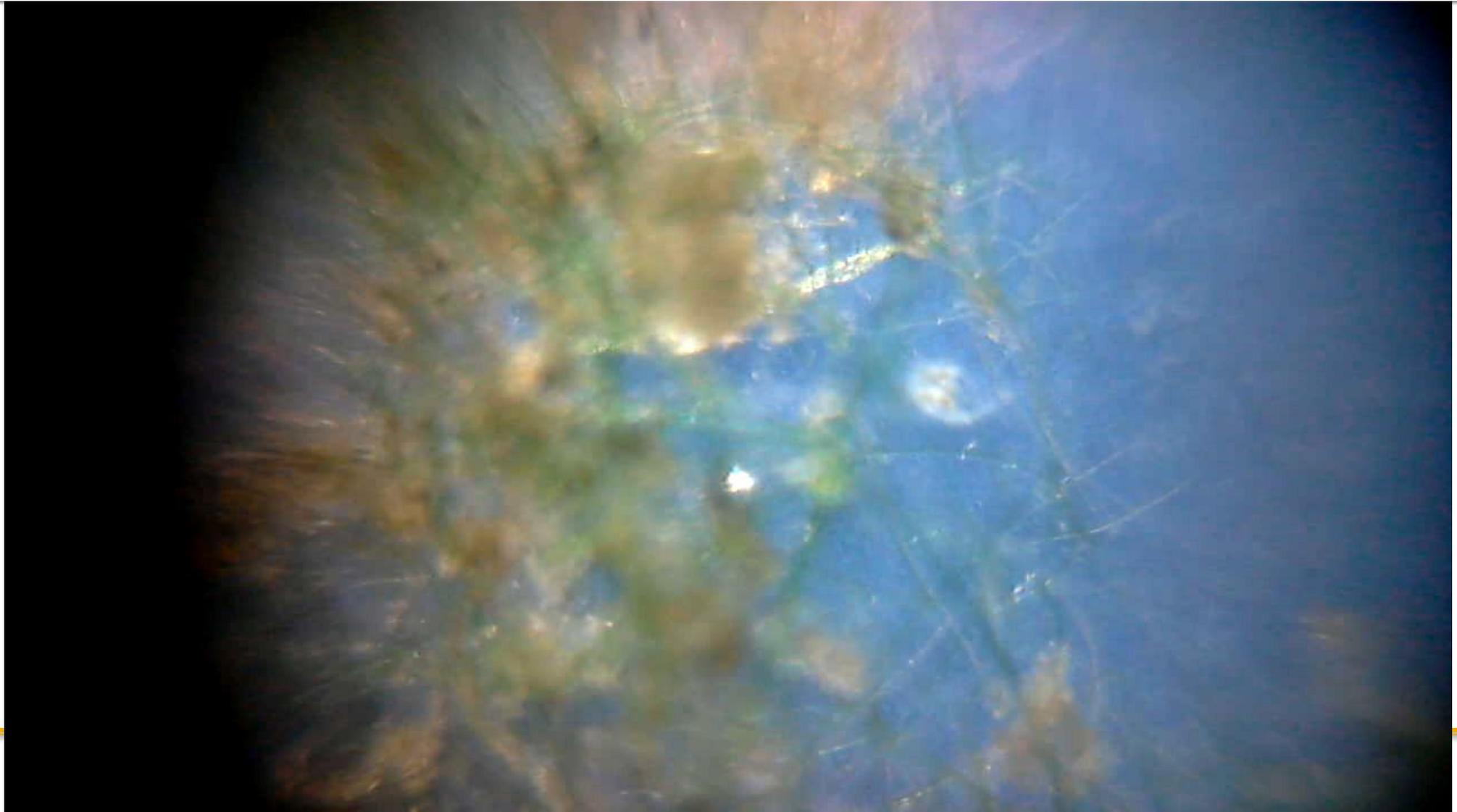
Foldscope Training



Student Engagement



Video of Water Sample Collected by Student



Collaborating Team



Mr. Narendra Modi, Prime Minister of India

Featured Foldscope Applications (Besides as an Educational Tool)



Promoting Hygienic Lifestyle

With Norwegian University of Life Sciences (NMBU)

Dr. Sheri Lee Bastien, Founder, Shine Project Norwegian University of Life Sciences (NMBU)

