

Computing for global development and resource constraint

Microsoft Research
Faculty Summit
2015
July 8-9, 2015



Microsoft Research India

Established January, 2005

Nine **research** areas

- Algorithms & Modeling
- Cryptography & Complexity
- Machine Learning & Optimization
- Mobility, Networks, and Systems
- Multilingual Systems
- Programming Languages and Tools
- Security & Privacy
- Technology for Emerging Markets
- Vision & Media

Currently ~55 full-time staff

Collaborations with government, academia, industry, and NGOs in India



Image: Sridhar Vedantham

<http://research.microsoft.com/india>

Technology for Emerging Markets

At Microsoft Research India

Understand

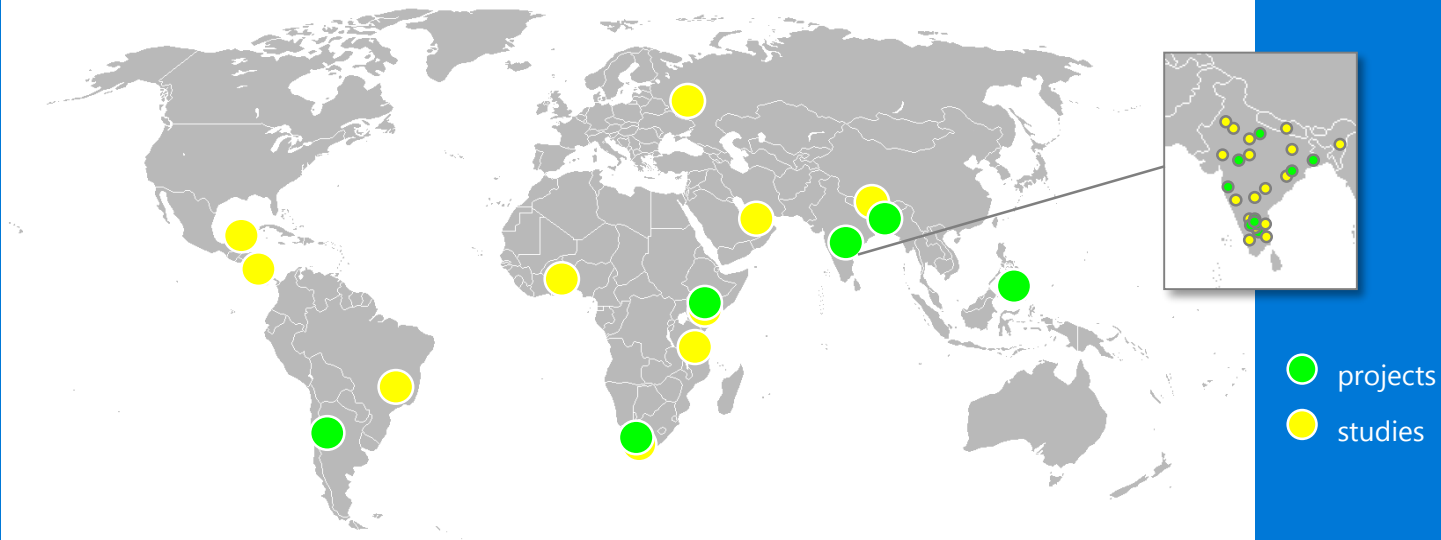
existing and potential technology users in developing communities

Design

and evaluate technology and systems that contribute to socio-economic development

Collaborate

with development organizations, governments, academics & industry



Technologies for Emerging Markets



Jacki O'Neill

People

Ethnography

Linguistics

Design



Kalika Bali



Indrani Medhi



Ed Cutrell
(Group Lead)



Andrew Cross

**Interdisciplinary
Collaboration**

Computer
Science
& Engineering

Human-
Computer
Interaction

Technology



Bill Thies



Meghana
Marathe



Nakull Gupta

Major research areas

- Education
- Healthcare
(Organizations, Behaviors, Education)
- HCI & HCI4D
- Analysis, Context & Critique in ICTD
- Other ICTD

Action Research & Design Research





Andrew Cross



Aaditeshwar Seth



Elizabeth Belding

