

ICT Adding Value for Smallholders

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7 Aug 2017, ACIAR, Australia





Pyramid of Economic Opportunity

Mobile phones offer a platform for information symmetry and connecting farmers to higher value markets and unit prices International processors and markets

National processors

Local value addition \$\$\$\$

Local storage \$\$

National warehouses

National aggregators

Regional aggregators

Local aggregators

>500 million

Majority of **smallholder farmers** with limited access to **relevant information** and **market knowledge** to **increase profitability**





Digital agriculture empowers farmers

David Bergvinson Delhi Print Edition: January 15, 2017

- Spatial DataInfrastructure
- Cloud Computing
- Mobile
- IOTs
- Drones (UAVs) & RS
- Image Processing
- Advanced Analytics & Machine Learning
- Unique Identifiers
- MOOCs

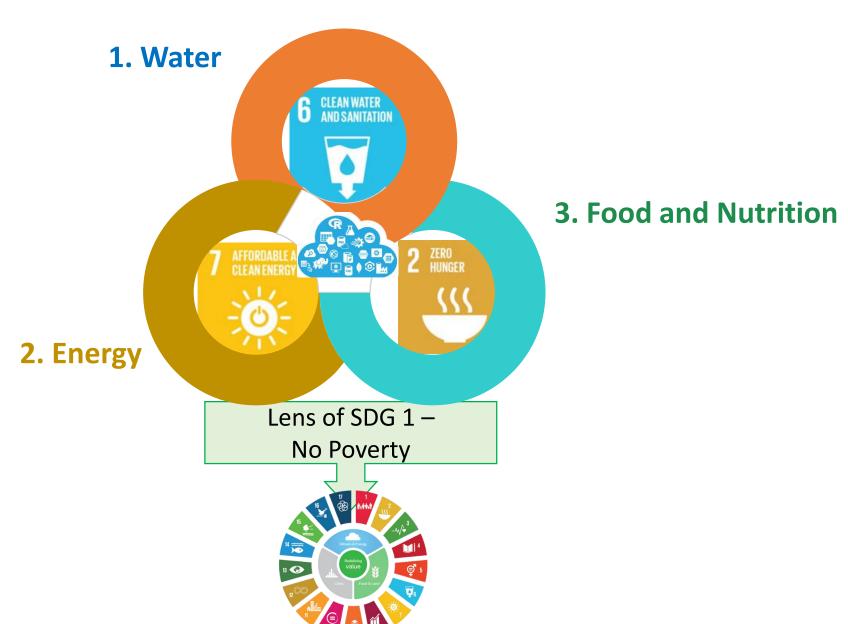
ICT will be the major conduit to deliver timely, targeted and tailored products, services and knowledge to increase rural incomes, improve nutrition, reduce risk and support sustainable agrifood systems





ICT to Help Manage the Nexus of Water-Energy-Food

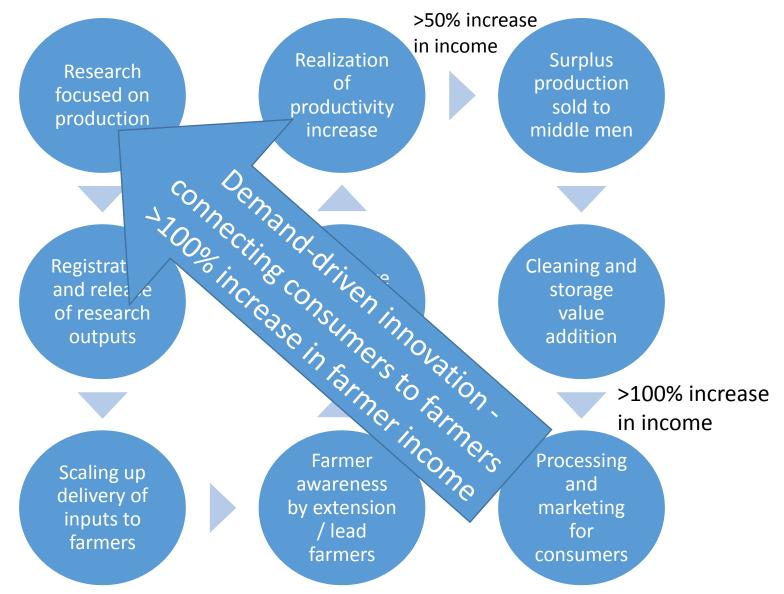






Compressing Long and Slow Impact Pathways

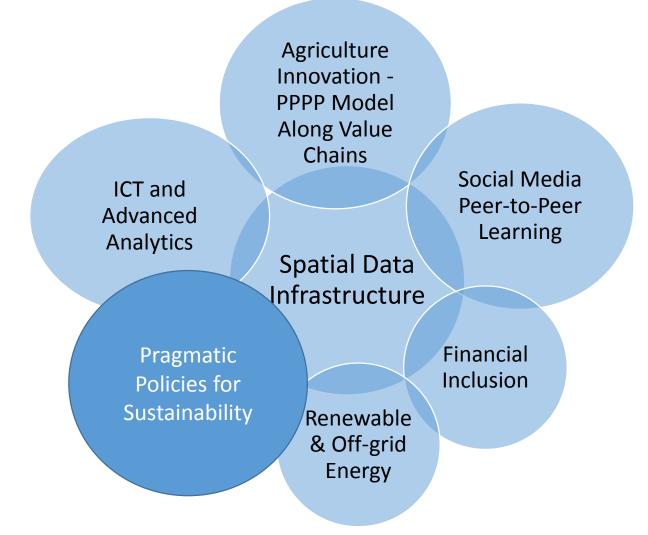








Intersecting Domains for Inclusive Development





Fostering Innovation and Attracting Youth to Agri-business Sector





- ihub launched on 13 Feb 2017 to accelerate opportunities for agri-preneurs in India
- Exploring partnerships in Africa

Agri-entrepreneurship can:

- Unlock the inherent economic potential of agriculture
- Attract youth to agriculture
- Foster entrepreneurship spirit and help increase incomes

Beyond ICRISAT, "i" stands for:

Innovation

Inspiration

Integration

Impact







Communicating Science

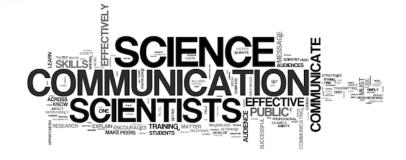


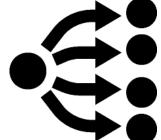


Enable Peer-to-Peer Learning

Social Media 2...







Engage with the Community

Foster collaboration and innovation

Enhance knowledge and career prospects

Convey importance of agriculture in eliminating poverty and malnutrition

Influence policy makers

Data-driven decisions for a better world







Onward with Urgency To Realize the SDGs - Together



