



ICT Adding Value for Smallholders

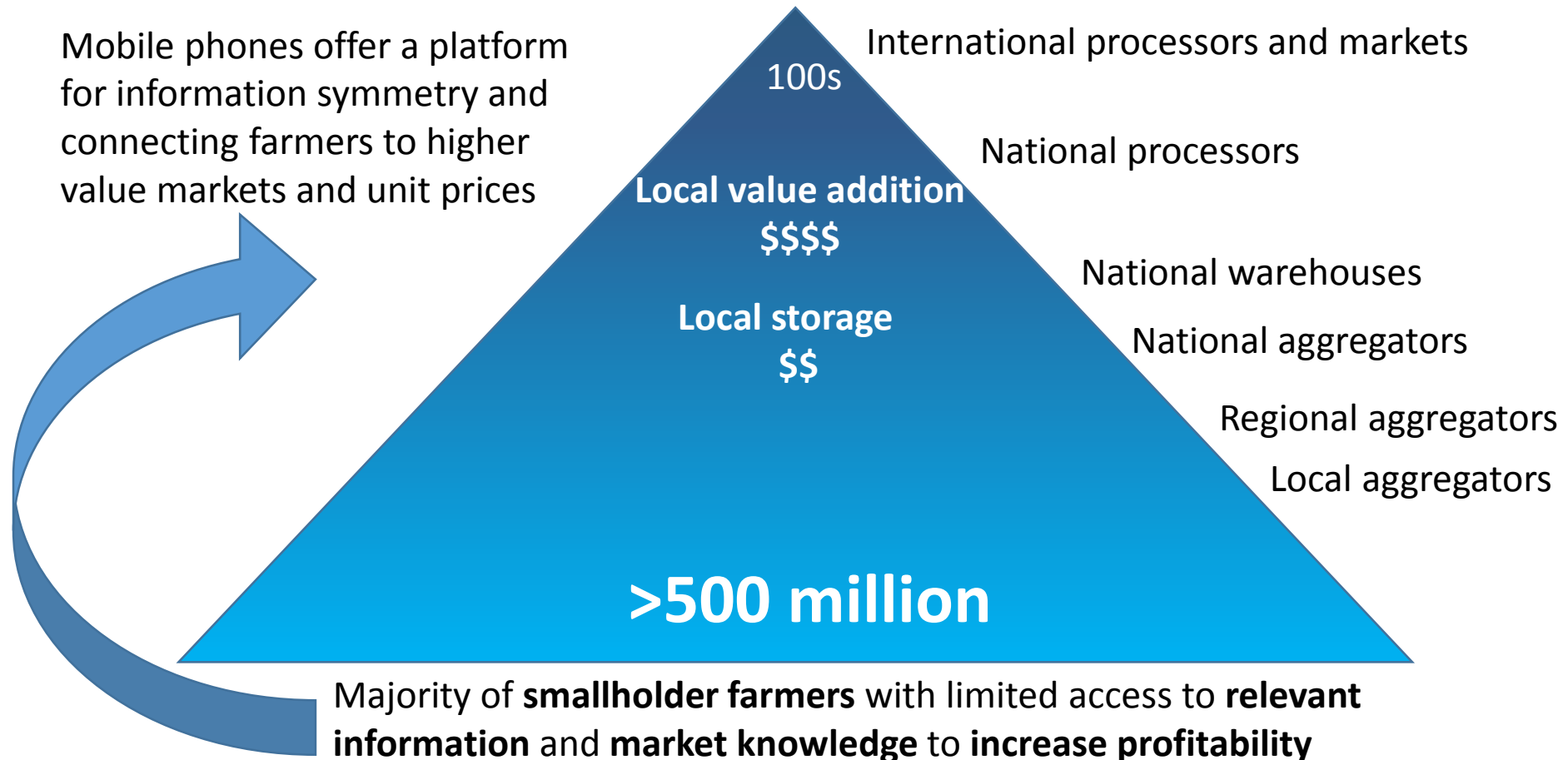
David Bergvinson, Director General, ICRISAT

7 Aug 2017, ACIAR, Australia





Pyramid of Economic Opportunity



Digital Agriculture

- ◆ Spatial Data Infrastructure
- ◆ 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 agri-food systems

Digital agriculture empowers farmers

David Bergvinson Delhi Print Edition: January 15, 2017



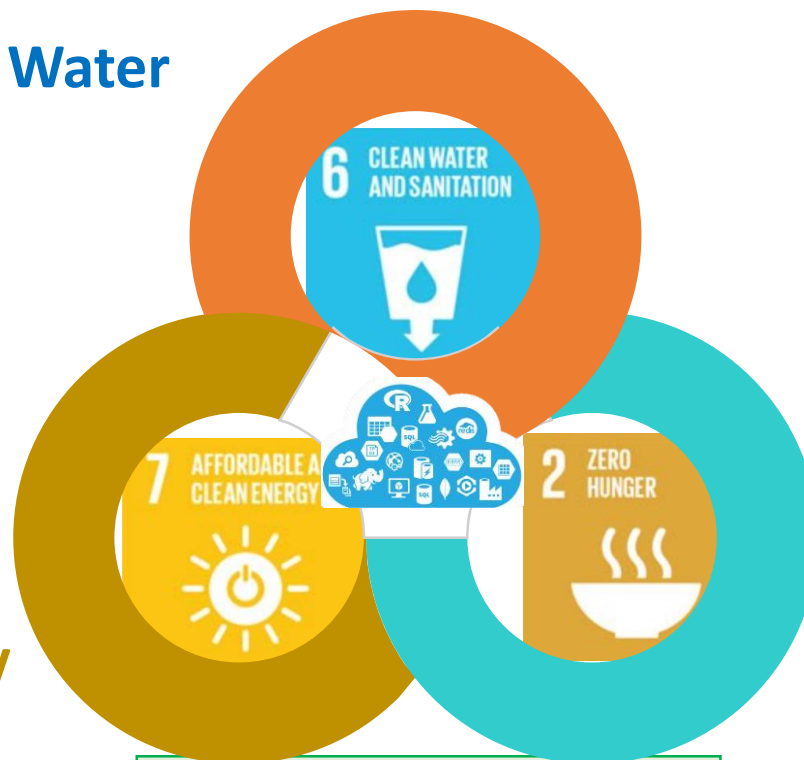
ICT to Help Manage the Nexus of Water-Energy-Food



1. Water

2. Energy

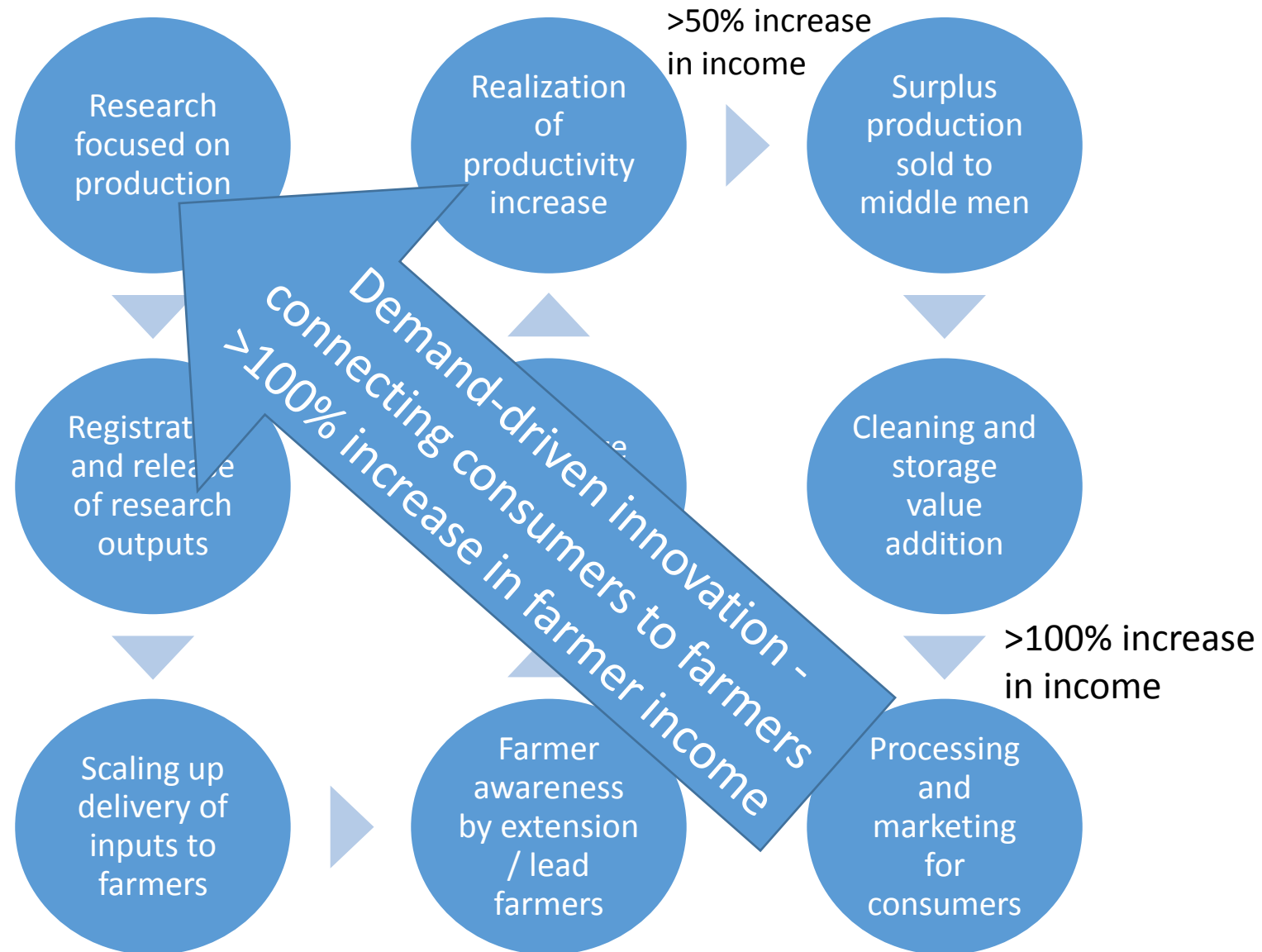
3. Food and Nutrition



Lens of SDG 1 –
No Poverty

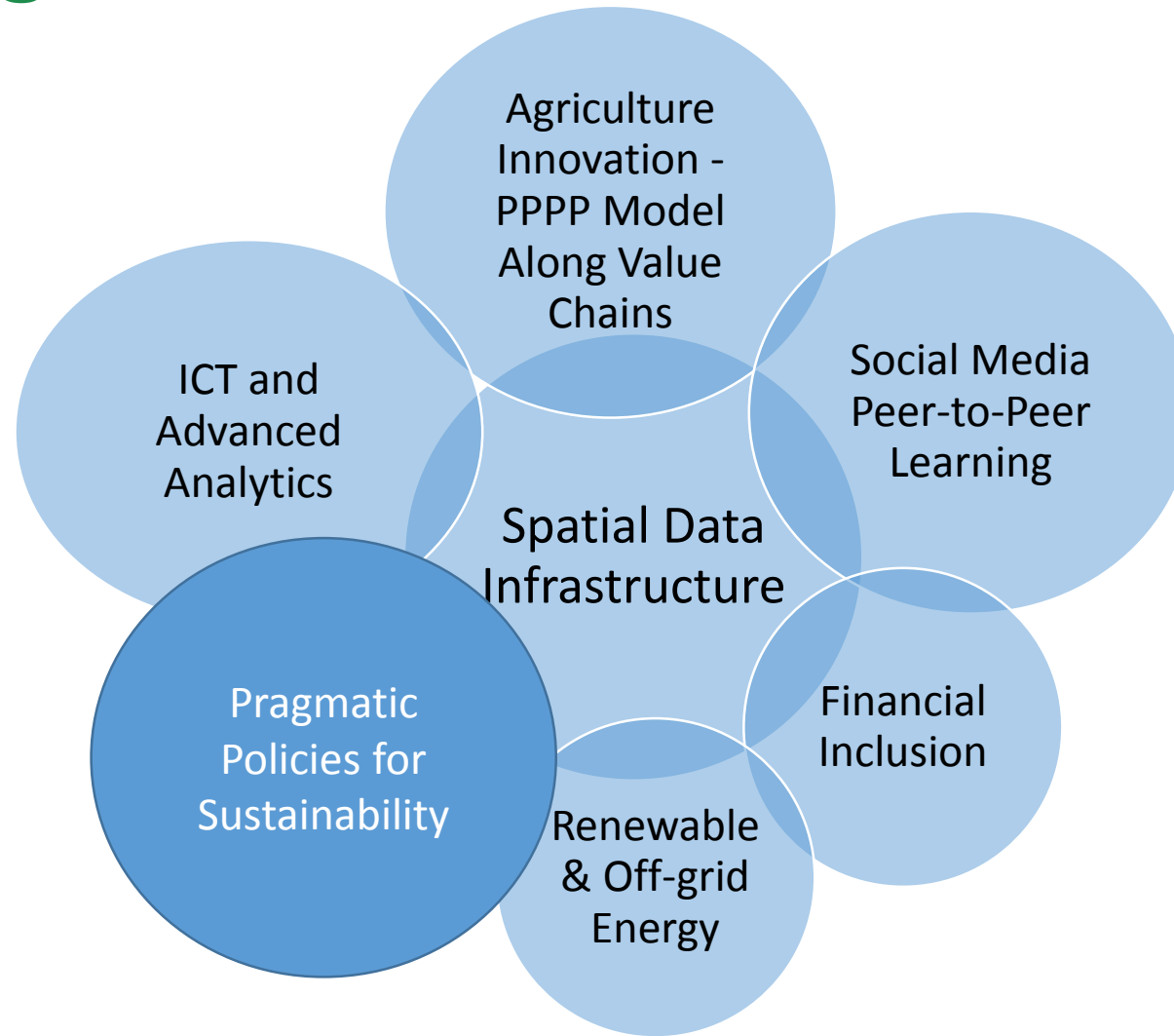


Compressing Long and Slow Impact Pathways





Intersecting Domains for Inclusive Development



Fostering Innovation and Attracting Youth to Agri-business Sector



Agri-entrepreneurship can :

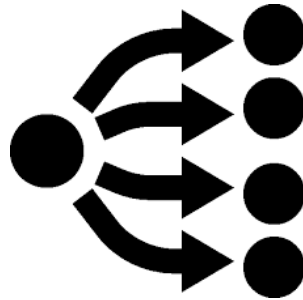
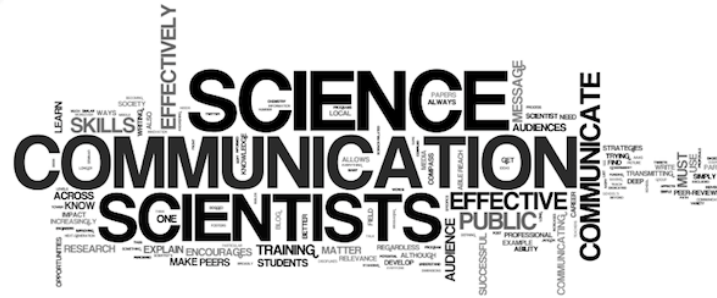
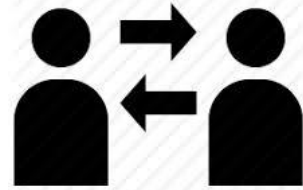
- ◆ Unlock the inherent economic potential of agriculture
- ◆ Attract youth to agriculture
- ◆ Foster entrepreneurship spirit and help increase incomes

Beyond ICRISAT, “i” stands for:

- **Innovation**
- **Integration**
- **Inspiration**
- **Impact**

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





Engage with the Community

Data-driven decisions for a better world



Onward with Urgency To Realize the SDGs - Together



INTERNATIONAL CROPS RESEARCH
INSTITUTE FOR THE SEMI-ARID TROPICS



ICRISAT is a member of the
CGIAR System Organization