Science of Discovery to Science of Delivery – Achieving the SDGs together

Dr. David Bergvinson

Director General

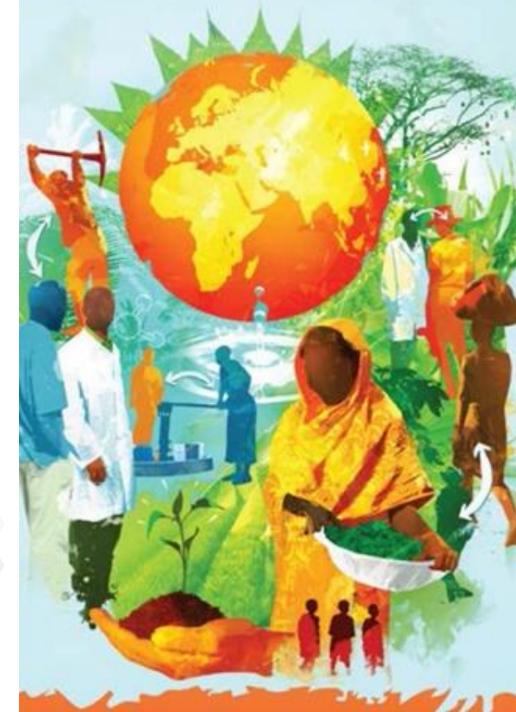
ICRISAT













SDGs

17 Sustainable Development Goals with emphasis on sustainable and equitable food systems







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

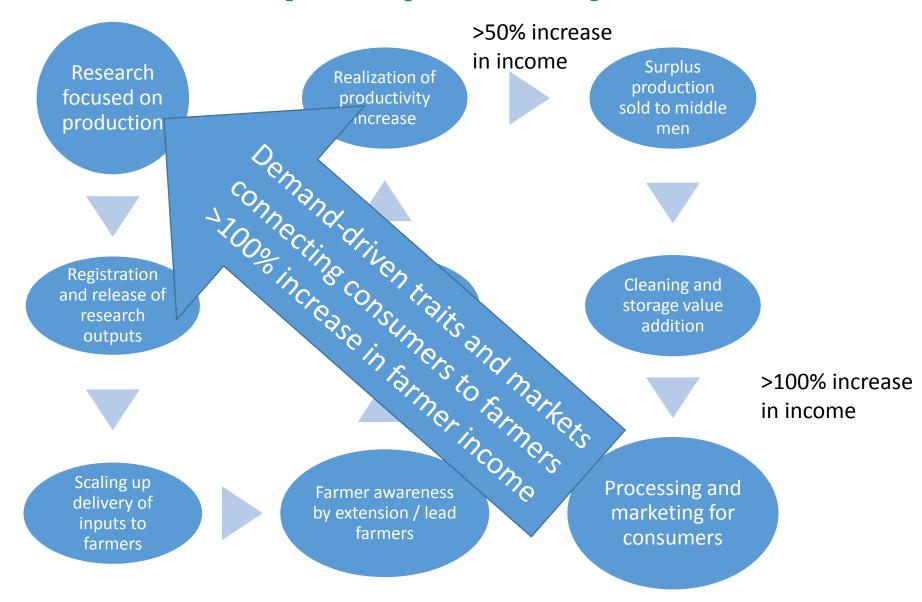
>500 million

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



Long and slow impact pathways

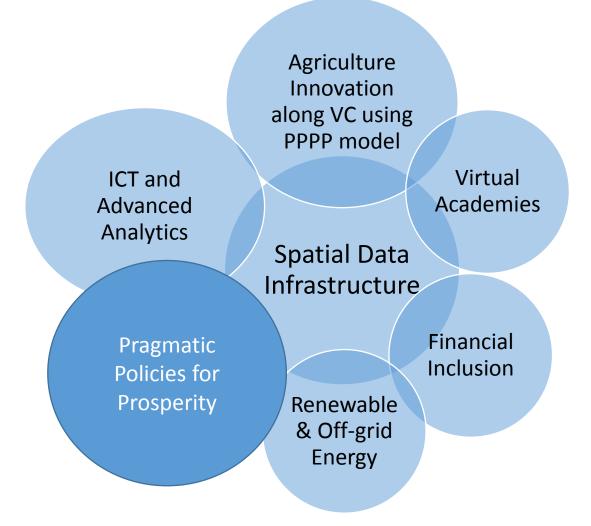






ICT-enabled domains to Double Farmers' Incomes







Digital Agriculture

- Spatial DataInfrastructure
- Cloud Computing
- Mobile
- IOTs
- Drones (UAVs) & Remote Sensing
- Image Processing
- Advanced Analytics & Artificial Intelligence
- Unique Identifiers
- MOOCs topersonalize education

Home Business Today FEATURES January 15, 2017 Story

Digital agriculture empowers farmers

David Bergvinson Delhi Print Edition: January 15, 2017







Attracting youth to agrifood sector





Agri-entrepreneurship can:

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

ihub launched on February 13, 2017 to accelerate opportunities for agripreneurs in India
Beyond ICRISAT, "i" stands for:

- Innovation
- Integration
- Inspiration





ONWARD WITH URGENCY

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