

## Notes from the flip charts by thematic area

### Scaling up Technologies (Table 2)

**Of key importance – Strengthening the linkages between research and its uptake by the private sector, e.g., through public-private partnerships**

1. Role for the public sector
  - Funding of innovation, up-scale and dissemination
  - Capacity building for the needs of the private sector
  - Brokerage of technology acquisition from/by development partners
2. Role of policy
  - Creating the appropriate policy and regulatory framework
  - Creation of enabling environment
  - Auditing and enforcement and quality control
3. Role for the private sector
  - Access to technology
  - Commercialization of technology
  - Identification of demand driven technologies
  - Create innovation up-scaling platforms

### Scaling up Technologies (Table 1)

- It is critical but we need to understand and address different spheres of influence:
  - Infrastructure
  - Policy(cies) and regulatory frameworks
  - Institutional capacity of both the public and private sectors
  - Regional bodies
  - Demand from the private sector (including farmers)
    - Awareness
    - Liquidity
    - Cost benefit analysis
- Next workshop should focus on **both** successful strategies as well as failures
  - to understand the causes of failures, e.g., create case studies
- Conduct inventory/mapping and packaging of technologies
- Promote technologies to create awareness of what is available among farmers
- Appreciation of the adaptive research which is demand driven answering key farmer questions

### Linking Research to all Value Chain Actors – How? (Table 3)

- Approach that should be taken depends upon which actors are involved
- Range of actors includes
  - Producers
  - Processors
  - Extension system
  - Companies
  - Consumers
  - Policy makers
  - Media
  - NGO/CBOs
  - Development partners
  - Training institutions
  - Financial institutions

### Linking Research to all Value Chain Actors – How? (Table 3) - continued

- Hold conferences or networking events with NGOs, extension services, or other stakeholders
- Offer micro-grants for implementation
- Do capacity building/training
- Types of research to disseminate varies and techniques for communication will vary by stakeholder
  - New varieties/breeds
  - Mechanization
  - Agronomic packages
  - Production systems
  - Post-harvest technologies
  - Processing technologies
  - Marketing (linkages/support)
- Conduct mapping and/or develop databases of key players and key technologies
- Demonstration of technologies
- Publicize and create awareness
  - Agricultural shows
  - Farmer field days
  - Fairs
  - Cell phone channels (SMS/Phone lists)
  - Lobbying/Advocacy
  - Forums/Platforms
  - Demonstration Plots
  - Flyers/Posters
  - Media: TV, Radio, Film (documentaries)
  - Facebook and other social media tools

### Constraints to Adoption and Scaling Up (Table 6)

- Problem: Technology is not transferred
  - Possible solutions:
    - Quick Win technologies
    - Demand-driven research
    - Exposure to technologies
    - Packaging technologies
    - Fostering partnerships at initial stage(s)
- Problem: Insufficient access to inputs (including capital)
  - Possible solutions:
    - Microfinance
    - Compile lessons learned from failures
- Need to understand behavior
  - Behavior change research
  - Behavioral economics analysis

### Disseminating Research through Extension and Advisory Services (Table 4)

- Human and institutional capacity building
  - Linkage of extension system to the university systems
  - Build the system with trust
  - Develop extension training techniques
  - Empower local extension agents
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- Offer on-going training for agents so that they are aware of the new research findings

#### Engaging the Private Sector (Table 5)

- Question: Why does the private sector not adopt innovations?
    - Need to research the pathways of research into private sector adoption/adaptation
  - Need Catalytic fund to drive the process
    - Bring all stakeholders together
  - Engagement of changing production and input system (local value chains)
    - Hold stakeholder consultations
    - Hold annual meetings of NARs at which private sector market potential is demonstrated
  - Roles and responsibilities
    - Technology specialists
    - Consumers of technology along the value chain
    - Policy makers
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