

South Asia

Major Issues/gaps

- Climate risk agriculture (all the stakeholders are sensitized)
- Inadequate agro-meteorological infrastructure/services and human capacities (for example in some cases 1 person/country)

Best practices/good practices

- Proven models from India on forecasting and advisory services both from public and private sector (based on the case studies presented) and also seasonal forecast experiences from Kenya
- Center for Research and Excellence in Agriculture Meteorology (CREAM), Pune, India
- Participatory approaches through farmer groups (how do we include)
- Strategic (long term) and tactical (short term – dynamic) decisions
- Participatory scenario planning (top down and bottom up approach with community mobilization)

Actionable points

- Replicating experiences from India would be possible as all South Asia countries share similar ecological region
- Capacity building (at all levels and also new professionals from farmer groups)

Big Ticket Idea 1

- Use of crop and climate information services to transform climate risk agriculture to climate smart agriculture

Product

- Models to codify climate and crop advisories

Processes

- Convergence of various players/multi disciplinaries/multi-institutional
- Public-private partnerships
- Participatory videos
- ICT mediated communication (Packaging of messages)
- Crop value chain approaches (Paddy)
- Go beyond agro-advisory (bundling advisories with quality inputs)
- Gender sensitive approaches
- Validation mechanism (impacts/economic benefits)

Where do we do? Locations

- Plain areas of Nepal (most productive region) comparison with north eastern parts of India
- Bangladesh – western parts of Bangladesh (comparison with West Bengal)
- Sri Lanka - Northern Sri Lanka (comparison with Southern Tamil Nadu)
- Pakistan – Punjabs of Pakistan and India

Who will do? Actors

- Met Agencies
- Agricultural Institutions at various levels
- ICT players that includes media
- NGOs/farmer groups/local bodies
- Private Sector players
- Policy Makers
- Donors/International Agencies

Target Audience

Smallholder farmers and policy makers

Note: The details will be nailed down through a planning workshop

Big Ticket Idea 2

Enhance infrastructure and human capacities to improve
delivery of agro-climatic services

- Improving the observation networks (that includes met stations, automatic weather stations, data management and dissemination etc.)
- Enhance human capacities at various levels (scientists, students, technicians, intermediaries, farmers etc.)
- Use of ICTs to improve delivery mechanisms

Note: The details will be nailed down through a planning workshop