



Feed the Future Innovation Lab
for Collaborative Research on
Grain Legumes



Innovations in Sustainable Seed Systems for Grain Legumes



Moderator: Vincent Amanor-Boadu
Presenters: Dr. JS Sandhu; Louise Sperling;
Juan Carlos Rosas & Luis Flores; Byron
Reyes & Mywish Maredia



Why this Conversation?

How do we achieve sustainable seed systems?

Developing a clear appreciation of the customer and the market in which that customer operates

And developing models that effectively overcome the constraints and seize the opportunities in the customer's market

And doing these at the onset of product (new technology) development



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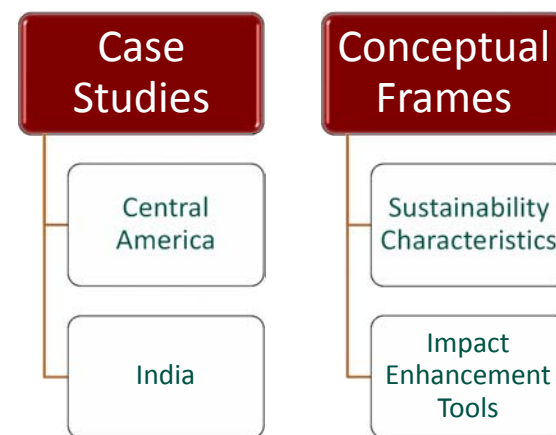
Seed Systems as a Strategic Issue

- Seed systems is a strategic issue in ensuring achievement of Feed the Future objectives
- As such, there is a need for investments in seed systems research, similar to current investment being made in value chain research



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Overview of Conversation



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Our Presenters

Dr. JS Sandhu

- Ag Commissioner, Dept. of Agriculture & Cooperation, Ministry of Agriculture, Government of India
- Has direct policy impact on breeding and seed issues
- Worked on basic and applied aspects of pulses for more than 25 year and developed 21 varieties of different pulse crops
- Fellow of the Indian Academy of Agricultural Sciences



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Dr. Luis Flores

- Agribusiness scholar at MSU
- Focuses on value chains, market access and SPS in developing countries
- Served in Guatemala, Honduras, Nicaragua, Senegal, Afghanistan, Burundi and Haiti



Dr. Louise Sperling

- Principal Researcher-Consultant at CIAT, Syngenta Foundation, soon to join CRS
- Given her public and private sectors as well as civil society perspectives
- Conducted seed security assessments after the genocides in Rwanda Timor-Leste and in post-earthquake Haiti
- Passionate about 'reaching scale in seed systems'
- Find more about her team at seedsystem.org



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Dr. Mywish Maredia and Dr. Bryon Reyes

- Byron is originally from Ecuador and educated in Zamorano, Honduras, working with Juan Carlos Rosas for many years and works at MSU
- Mywish is a professor of international development at MSU and a former deputy director of the Pulse CRSP



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What We Hope to Achieve

- *Passionate conversation* for insightful perspectives!!
 - Explore the opportunities and constraints faced by the legume industry in the development of sustainable seed systems in smallholder agriculture countries
 - Explore alternative models for ensuring new technologies get to producers in order to achieve overall program objectives
 - Increase incomes
 - Enhance nutrition status



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Critical Challenges and Opportunities for Sustainable Seed Systems

- Economic profit or at the minimum economic cost recovery
- Building producer capacity and facilitating innovative business models relevant to producers' realities
- Addressing inherent legume challenges that create incentives for free-riding
- Reducing dependency of smallholders and creating opportunities for independence
- Scaling solutions that work with sustainability as the guiding principle
- Avoiding the unintended consequences of government direct investments

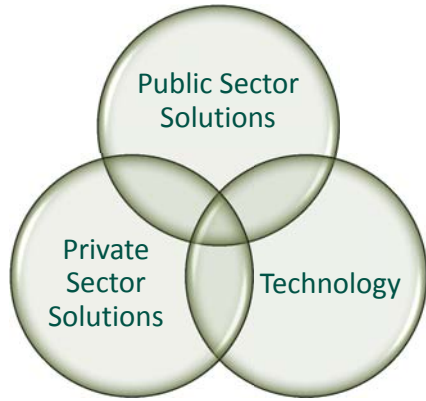


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Multiple Models for Sustainability



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For sustainable solutions,
we need to pursue seed
systems as a strategic
issue demanding
investments in research



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Sustainable systems have
embedded incentives
eliciting behaviors that
when exploited ensure the
systems' viability without
any external interventions