FEED THE FUTURE
The U.S. Government's Global Hunger & Food Security Initiative

Agricultural Innovation for Resiliency Conference

USAID Asia

August 17, 2017

USAID
FROM THE AMERICAN PEOPLE

FEED THE FUTURE
The U.S. Government's Global Hunger & Food Security Initiative

AGRICULTURAL INNOVATION COMMUNITY

- Local led, national communities
- Champions largely from the private sector
- Two-tiered networks / active social media
- Regional Innovation Hub at Kasetsart to coordinate between communities, provide content and support and funnel regional resources and interest
- Facilitators of product discovery, partnership and delivery.

USAID
FROM THE AMERICAN PEOPLE

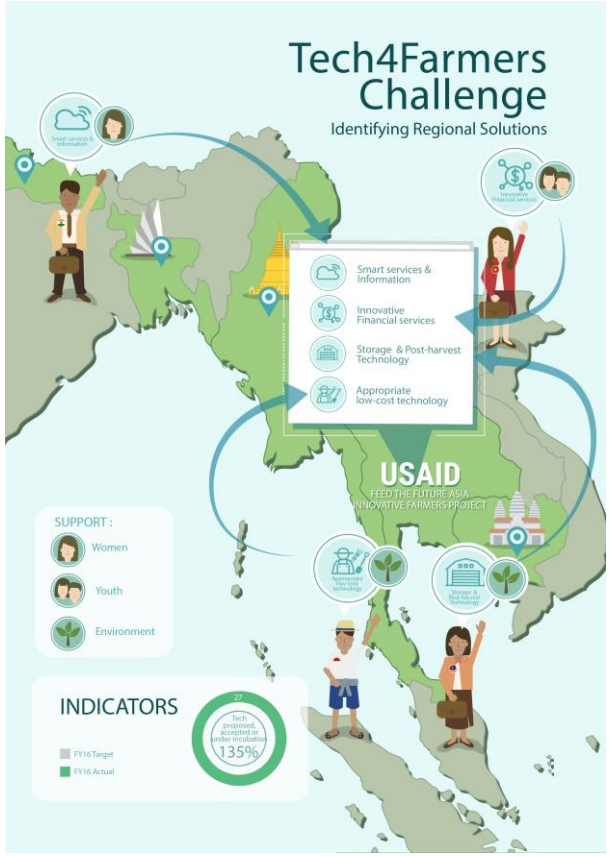
SPECIAL FOCUS: WOMEN AND YOUTH

- Women and youth participation in agriculture is changing drastically in Asia – for associated reasons
- Priority on women and youth supportive technologies – and policies to increase tech access for these groups
- Strategy to work with and raise up 250,000 youth at multiple levels: farmers, students, entrepreneurs, innovators

Innovation Challenge

TECH4FARMERS CHALLENGE

- Focused on proven solutions from the region – to new markets
- Initially, 26,000 farmers will benefit from sustainable regional solutions
- >12 high-impact technologies supported to expand
- Commercial partnership facilitation– no subsidies
- Unique, entrepreneurial testing services focused on consumer learning
- Weather resiliency focus



Tech4Farmer Challenge Award

e-Fishery

- Sensor enabled auto feeder – up to 20% FCR improvement
- Hardware and subscription pricing for different scales
- Real-time information / data can enable greater finance
- Distribution through Bangladesh company
- Called “the mechanization revolution of aquaculture”

Tech4Farmer Challenge Award

Energaia

- High productivity, food-grade product – closed system
- Small land / water requirements
- Household model focused on women managing the system at home
- 3 day harvest cycle
- Contracted, but exclusive market

Accepted Technologies

Digital Soil Tester

- Based on colorimetric soil testing technology
- Innovation is use of an optical scanner to read results
- Provides a digital result and links to suite of software to provide recommendations by crop
- Can be completed in ~20 minutes

Grameen Intel Social Business Ltd.

REGIONAL AG TECHNOLOGY POLICY

- Focus on issues where regional action can impact the availability and access to agricultural technologies
- Initial areas of interest
  - Seed regulation harmonization (ASEAN, SAARC, APSA)
  - Regional GAP standard harmonization (ASEAN, GIZ, DFAT)
  - Agriculture PPP frameworks

THANK YOU

QUESTIONS?