



Market Development

Exploring Frontiers in Inclusive

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Richard Kohl Center for Large Scale Social Change LLC MPEP Seminar # 13

Scaling Feed the Future Innovations Through Market Systems



Scaling Up Feed the Future Dr. Richard Kohl Center for Large Scale Social Change

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Scaling up – BFS New Approach

- 1. It's not about more USAID money or resources; It's about more **reach** AND **more impact**, especially leveraging partnerships and external resources
- 2. It's not (only) about how many numbers USAID can reach directly i.e. direct beneficiaries
- 3. It's about reaching a **critical mass** or tipping point to trigger spontaneous scaling and reach population scale with indirect beneficiaries; Numerator & Denominator

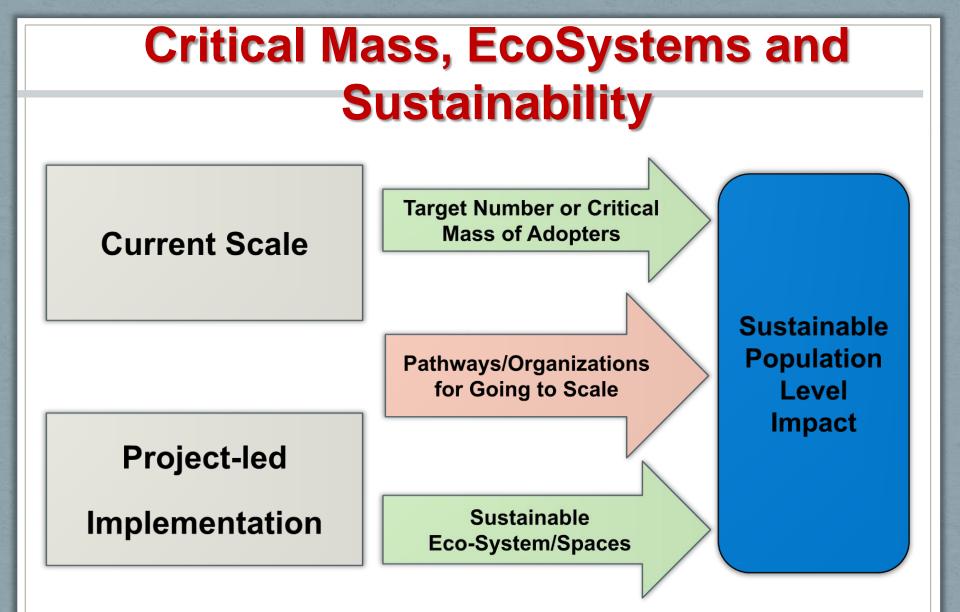
Scaling up – BFS New Approach (2)

- 5. It's not about individual projects (though they are important instruments for learning)
- 6. It's about supporting longer-term programs of engagement and building momentum (**drivers**)
- It's about facilitating private sector to drive the chain and public sector to support it; <u>aligning politics and</u> <u>incentives</u> for actors
- 8. Creating viable <u>ecosystems</u> (spaces) to support & sustain technology

Scaling up – Definition

- Impact of new technology packages on poverty, nutrition and stunting (supported by strong ecosystems – public and private
- 2. <u>Population Scale in the Zone of Influence</u> Numerator & denominator
- **3.** <u>Sustainability</u>: Politically, organizationally and financially

Definition: Sustainable Impact at Population Scale in the Zone of Influence



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Innovation and Scaling Sequence Achieve Create Large Scale **Pilot and** Market Critical **Partnership Adoption Experiment** Assessment and R&D Mass - Investment -Sales and Identify - Identify from partners commercial value promising results - Rapid proto - Spontaneous chain partners diffusion and typing gaps and -Create adoption market partnership - Higher levels of Demonstration opportun - Agree on & continuous investment ities risk sharing improvement - Potential market and co--Early -Reputation entry investment - Product Innovation Adopters effects - Co-create -Business - Positive designs Feedback Strategy formulated loops Commercialization Trigger Uptake **Fime**

What's Working: Adoption with Impact

- 1. Large #s exposed to new technology, high adoption rates, increases in yields & incomes
 - Partial and/or sequenced adoption common, unclear who adopts what, when, and why.
 - Variation in yields, particularly cereals, again unclear why
- 2. Significant multiplier effect of adoption by indirect beneficiaries, anecdotally 3-5x or better
- 3. Successful creating and strengthening of input supply at retail distribution in ZOI
- 4. Creation of extension knowledge in communities in lead farmers, VBAs, to lesser extent, dealers

Challenges: Adoption with Impact

- 1. Ability to move from subsistence to commercial to commercial value chains often tiered by resources
- 2. High yielding seeds come in tech packages of fertilizer, GAP, often require much greater K and L investment >
 - need access to credit and risk mitigation
 - MFI and DCAs some times not affecting rates, terms, guarantees and not addressing risk
- 3. Affordable access to inputs (and output markets) geographically uneven, esp. in remote areas where roads are poor and transportation costly
- 4. Ongoing dynamic, extension support difficult to make sustainable, esp. without large push or pull organization
- 5. Given variance in yields and I/O prices, unclear for which farmers/adopters there is a business case

What Needs Improving

- 1. Build on existing efforts towards multiple approaches to different demographics, e.g. commercial hort. vs. gardens
- 2. Pilot MFI loan instruments tailored to smallholders e.g. sequenced credit release, including seed/crop/livestock insurance; provide TA to MFIs, address policy constraints
- 3. Better coordination of DCAs and MFIs with value chain programs and their beneficiaries
- 4. Shift to more strategic geographic approach based on access to inputs/markets and profitability, bundle or partner with irrigation investments
- 5. Extension: incentivize linkages to agri. research institutions; experiment with mobile, ITC; bundle with vet
- 6. Greater focus on business case; redo and use CBAs as regular learning tool for problem solving and/or targeting

What's Working, What Needs Improving

- 1. Variable presence of large private sector organizations to push or pull scaling or to hand off
 - In some countries and sectors, e.g. Bangladesh and Kenya, aqua/horticulture, large buyers or input producers working well
 - Staple cereals markets often fragmented, low margins and strong potential for side selling, makes Pull strategy challenging
- 2. More learning needed, have suggested bundling with more commercial crops
- 3. Adopt two track strategy or whole household approach
 - ST focus on intermediate solution of critical mass to trigger spontaneous adoption, in-village expertize, input supply
 - LT build/strengthen large input/output actors, e.g. AGRA/SSTP and seed companies, buyers

USAID Processes in Evolution

- Approaches being developed or dusted off that balance need for numbers and accountability with learning, scale and sustainability
- 2. Indicators of progress/success building/strengthening a market system and value chain e.g. input supply, extension, private sector ownership and drivers
- Phased, "pay for success" portfolio approach that sequences – experimentation and learning, evaluation, scaling

Thank you!



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