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

‘Stages of Technology Transfer and Matching Approaches’

Observations from the Agriculture Technology Transfer Project

METSS Knowledge Management and Learning Workshop

25th October 2016 – Accra, Ghana



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ATT OVERVIEW



- **Cooperative Agreement - USAID**
- **April 15, 2013 – April 14, 2018**
- **\$6m – Grant Component (one of the largest in FTF Ghana program)**
- **Implementing Partners: IFDC, CDI, ISU, and GAABIC**
- **Project Components: Seed, ISFM, & Research**





ATT Project Objective

Increase availability and use of agricultural technologies to increase and sustain productivity in Northern Ghana through:

Interventions to build capacity in seed and ISFM technologies



Interventions to build research capacities & promote labor-saving technologies





Key Results



- 109,650 small-holder farmers reached.
- Appreciable increase in yield per hectare :
 - 3.31 MT /ha for maize (97% increase)
 - 2.9 MT /ha for rice (81% increase)
 - 1.9 MT/ha for soybean (98% increase)
- \$3.8 million in grants to beneficiaries.
- 38 Public – Private Partnerships formed.
- Over \$1.157 million in incremental sales (seed only)
- Over \$1.3 million leveraged in new private sector investment in agriculture .

Entering Year 4, 18 months remaining, ATT focusing on

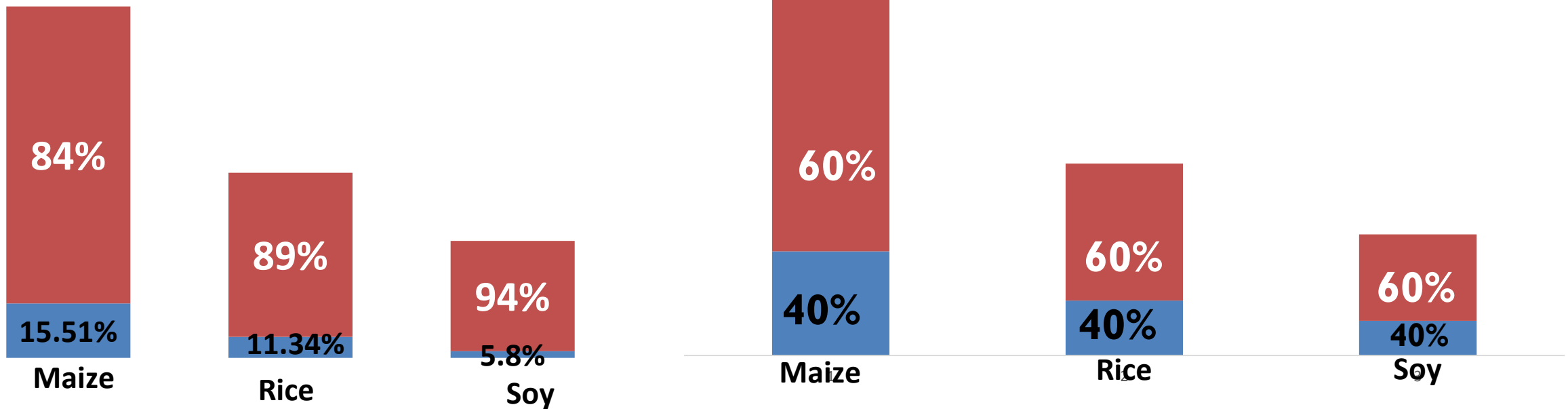
SCALING UP.



IMPROVING THE USE OF CERTIFIED SEEDS

BEFORE ATT

WITH ATT SUPPORT





ATT STRATEGY -- BY END OF 2018 CROPPING SEASON AND BEYOND



Increase certified seed use – 40% of all seed planted



Integrated Soil Fertility Management



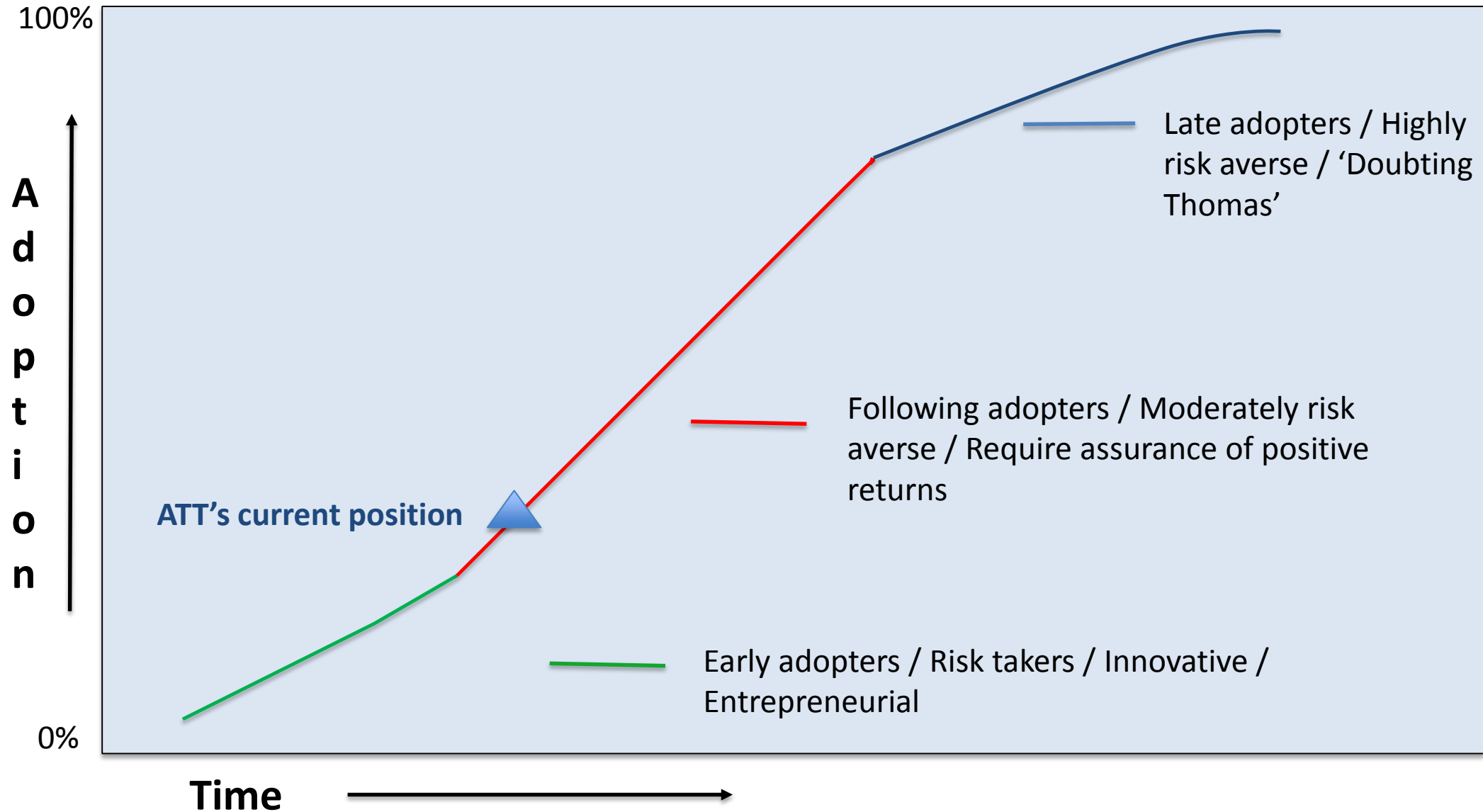
Double Cropping/
Dual Income





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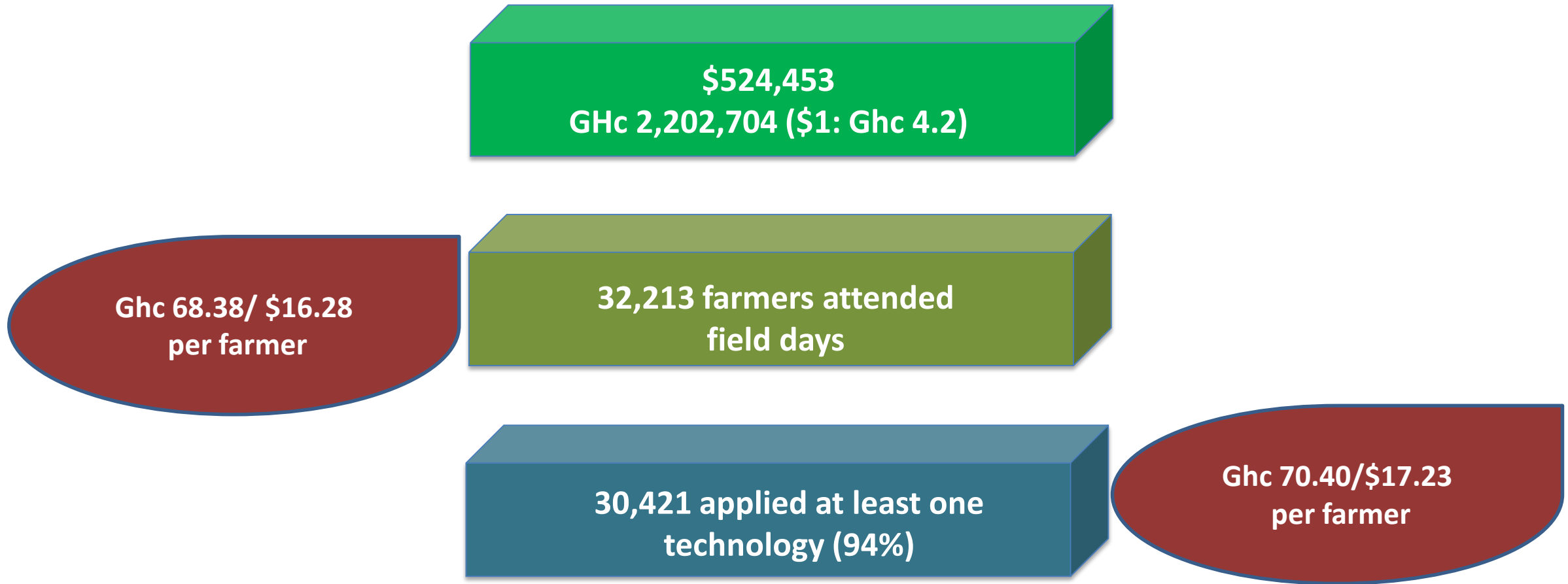
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Appropriate and Cost-Effective Approaches for Scaling up Technology Transfer



COST OF REACHING A FARMER: DEMONSTRATIONS AND FARMER DAYS 2015





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COST OF REACHING A FARMER : DIGITAL CLASSROOMS, VIDEOS, RADIO 2016



\$151,515
Ghc 600,000 (\$1= Ghc 4)

53,185 farmers reached
(against target of 50,000)

Ghc 11.2/ \$2.80
per farmer

At 94% adoption rate, and 100,000 farmers targeted by 2018, still need to reach 46,440



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How to reach 'the Last Mile': New approaches



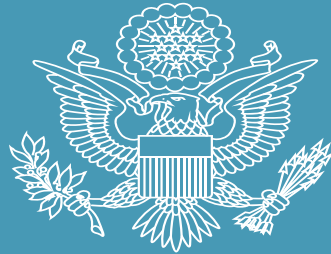
- Continue to use videos and radios to reach target beneficiaries
- Promote technologies through ICT means, e.g. Esoko E-extension
- Technology Fairs (demonstrations, implements, seed, fertilizer)
- Starter packs consisting of certified seed, UDP, TSP + inoculum, illustrated instructions – private sector-supplied
- Installing resources closer to rural households: mini-warehouses, mobile threshers, seed processing, seed vans



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Discussion, Thoughts, Experiences, Contributions?



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