Nourish our People – Nurture our Planet

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Presentation to the Plenum of the 3rd Session of the General Assembly
Open Working Group on Sustainable Development Goals

New York, 22nd May 2013
Ecological solution to a life-threatening problem: Possible?
The cassava mealybug biocontrol program

Cost: Benefit
1:247

84% ROI
SSA Ag R&D
Centrality of Sustainable Agriculture and Food and Nutrition Systems Post 2015: Why?

- Sustainable Agriculture and Food Systems are uniquely central to a universal post 2015 framework for development
- Agriculture is the world’s largest use of land, occupying about 38% of the Earth’s terrestrial surface and 70% of global fresh water 70%
- More than half a billion small farms - producing much of the world’s food supply – are inevitably at the core of the sustainable development goals
What are the challenges?

- Persistent high levels of hunger and malnutrition, and of poverty and inequity

- Changing demand for food and better nutrition and a growing population will further increase humanity’s ecological footprint

- Surpassing of planet boundaries
Surpassing of planetary boundaries
What actions are therefore needed for the shift to “Sustainable Agriculture and Food Systems”?  

- Sustainable and efficient natural resource management  
- Empower smallholder farmers and their families and providing decent jobs and livelihoods in rural areas  
- Mitigate and adapt to Climate Change  
- Improve water and energy efficiency  
- Minimize food losses and waste  
- Reverse biodiversity loss and soil degradation  
- Implement humane livestock systems  
- Strengthen urban rural food system linkages  

...in other words, execute the “Future We Want”
Recommendations for the SDGs (1)

- Connect Sustainable agriculture and food systems with food security and nutrition in a single goal
- Ensure that thematic interlinkages are articulated through e.g., i) indicators; and ii) principles
- Implementation informed by global, regional, and national multi-stakeholder assessments
- Progress on the SDGs needs to be measured and monitored by independent bodies
- Inclusive, transparent, and equitable legislative and other decision-making processes
Recommendations for the SDGs (2)
Structure and Governance

Possible SDG: “Achieve Food and Nutrition Security through Sustainable Agriculture and Food Systems”

How to achieve it? Setting “WISER” targets...

- Minimize Food Waste and pre-post Harvest Losses
- Increase Productivity and Income for small-holders & women farmers
- Achieve the transformation to Sustainable Agriculture & Food Systems and reverse land degradation
- End malnutrition and ensure Right to food
Thank You

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