

Nourish our People – Nurture our Planet

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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?

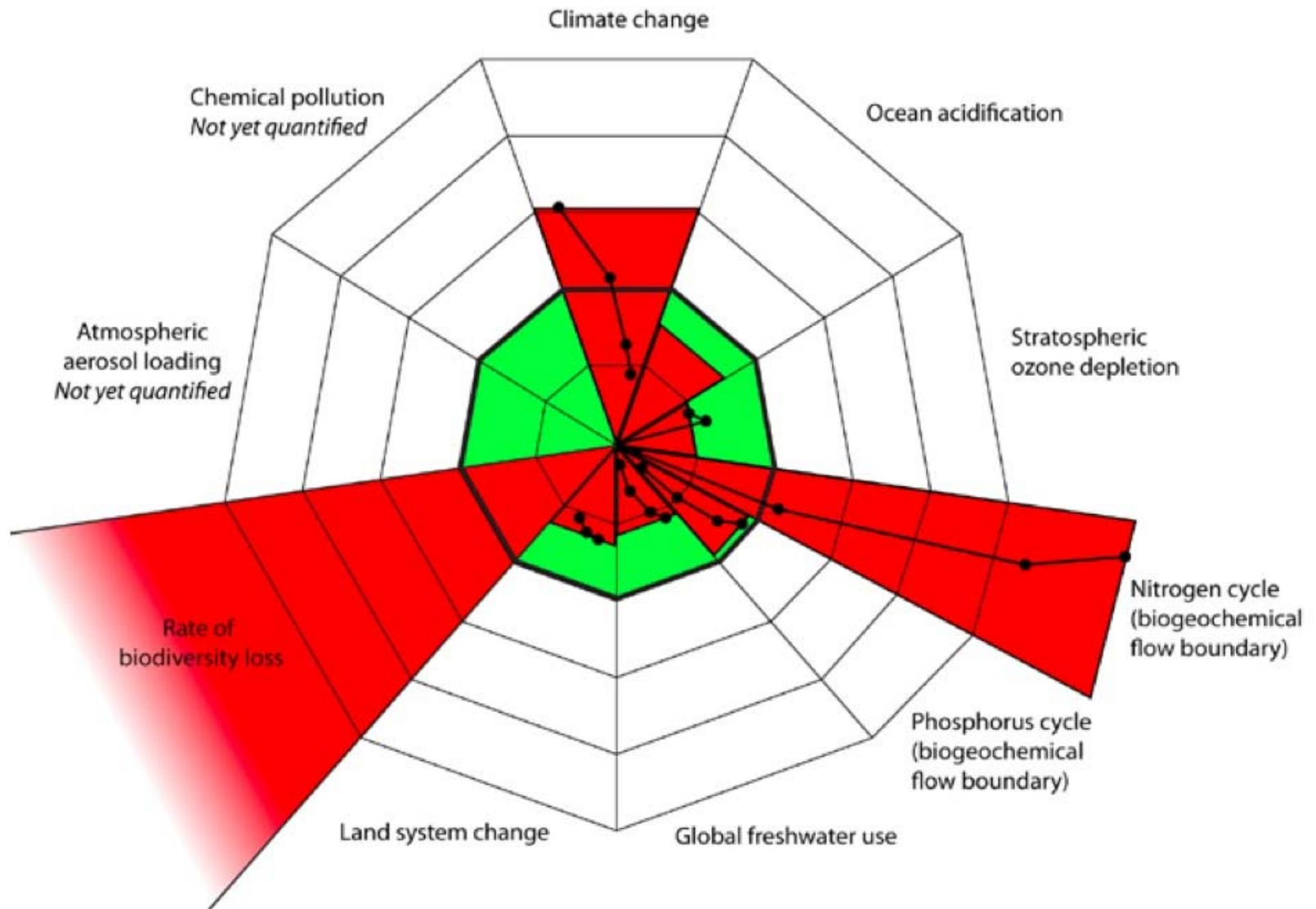
- **Sustainable Agriculture and Food Systems are uniquely central to a universal post 2015 framework for development**
- **Agriculture is the world's largest use of land, occupying about 38% of the Earth's terrestrial surface and 70% of global fresh water 70%**
- **More than half a billion small farms - 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 **W**aste and pre-post Harvest Losses
- Increase Productivity and **I**ncome for small-holders & women farmers
- Achieve the transformation to **S**ustainable Agriculture & Food Systems and reverse land degradation
- **E**nd malnutrition and ensure **R**ight to food



Thank You

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