



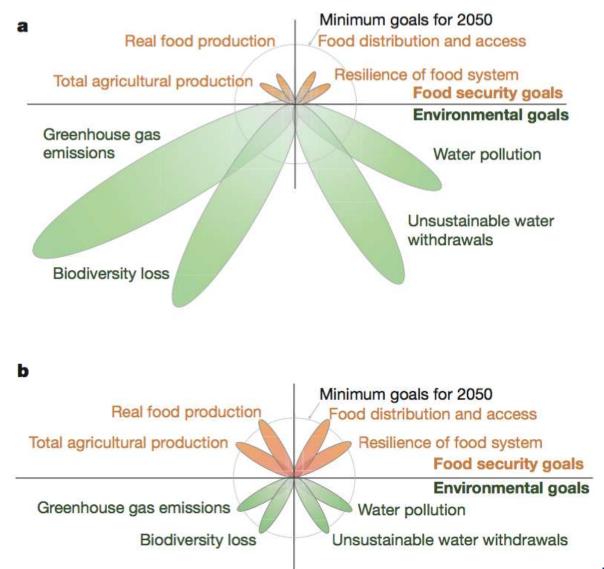


Agricultural biodiversity can nourish people and sustain the planet

M. Ann Tutwiler, Director General, Bioversity International Trondheim Conference on Biodiversity, May 31st 2016

Photo: Farming family in their field of eggplant and bananas, Burundi.© Bioversity International/P. LePoint

Existing system doing neither well





Agricultural biodiversity can help achieve global goals







Agricultural biodiversity nourishes people

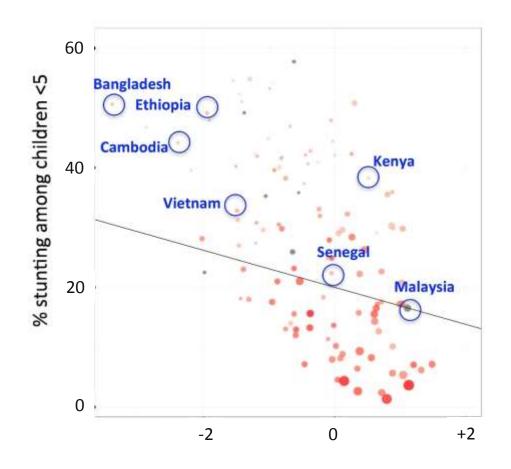




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Diversity and health are linked

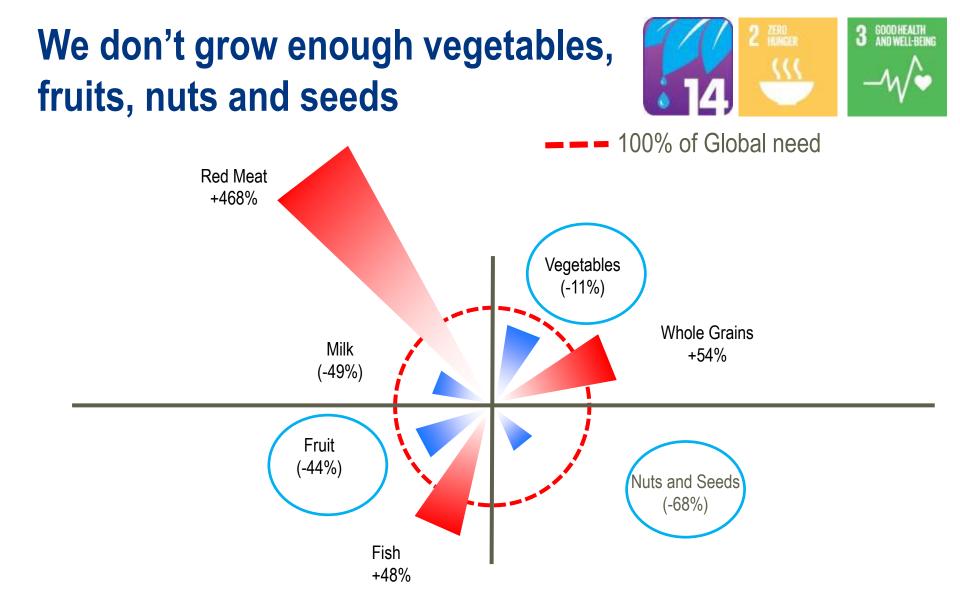


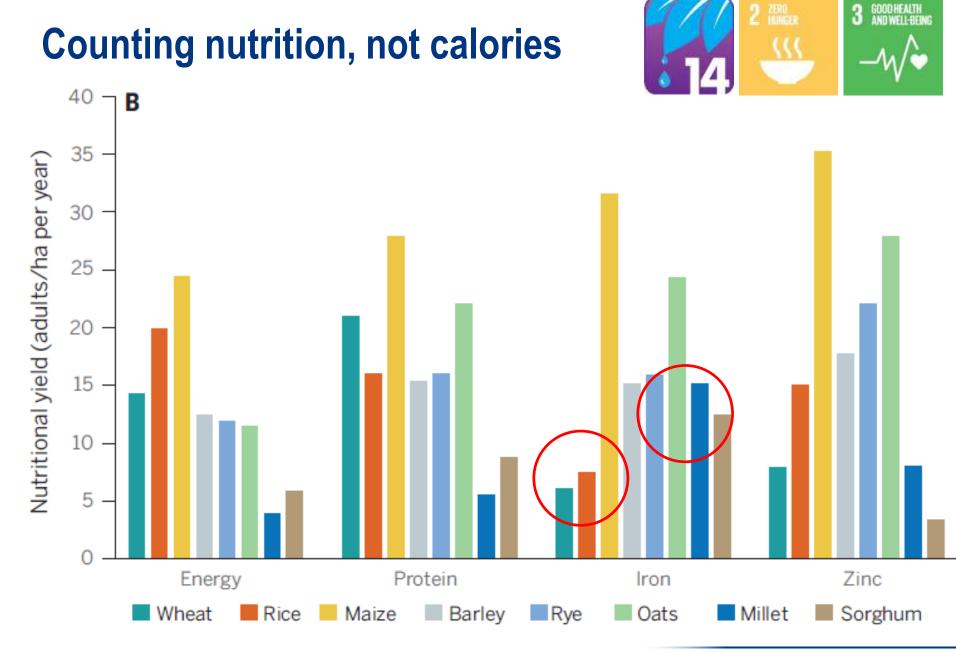




Vietnam: Bioversity International/J. Raneri









Agricultural biodiversity sustains the planet: services to agriculture



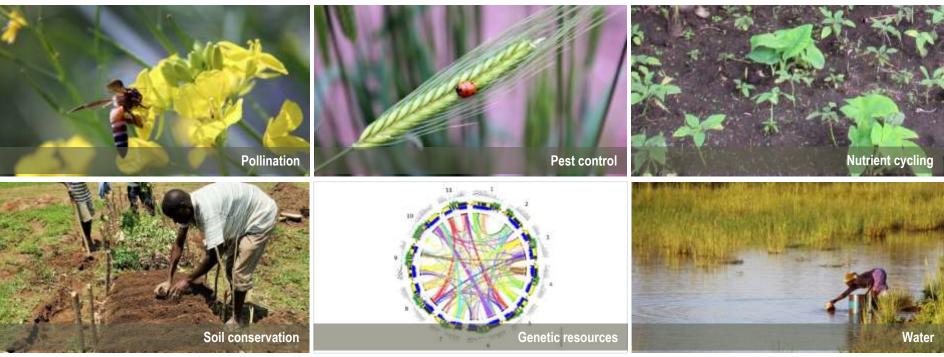


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Diversity in farmers' fields reduces pest and disease damage





Worldwide farmers lose on average 13% of annual harvest to pests and diseases.

A farmer can lose 100% of entire crop from a single pest or disease.

Angular leaf spot disease on bean plant, Uganda Credit: Bioversity International/P. de Santis



Diversity in landscapes stops pests in their tracks





Diversity in fields enhances soil conservation and reduces sedimentation







Seeds for needs

Over 20,000 smallholder farmers in 13 countries to assess how agricultural biodiversity can minimize climate change risks.

Program provides farmers with more information and access to diversity, enabling them to choose the best options to address their particular climate challenges.









Agricultural biodiversity provides services to the people





Photo credit: Top – Bioversity International/N.Capozio, C.Zanzanaini, C.Zanzanaini Bottom – Bioversity International/S.Padulosi, B.Saugat, S.Edake



Diversified agricultural landscapes protect wild biodiversity















and profits farmers



A decision tool for integrating agriculture and ecosystem services

1. Scenario Generator	2. Due the models	2. Select relevant ES
File View Help	3. Run the models	
Scenarios	ewyOreate Report	Models 5 ×
Define Scenarios	Add scenarios, select models, and dick 'Run' to see results.	Choose which Models to Run
Current project: new_project		
Add scenario	View Input and Output Maps Baseline nitrogen export	Food Security and Nutrition Pready Setup
Baseline Name of new or existing		Malaria Riok *
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	Executive Summary	Divest Crop Production **
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III cane_expension_10 scenare_2ce		Costing Nature ***
Cons_expension_15 accements_2ce	In-depth Scenario Comparison	00
	Full Technical Report	
		Models Map viewer
5. Report describing link and con	tribution	
to SDGs		
	4. R	MES

A single seed can deliver multiple SDGs if it is planted into a healthy, productive and biodiverse agroecological system















Agrobiodiversity for Sustainable Food Systems

Report on the State of Knowledge 2016

COMING SOON





Thank you

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