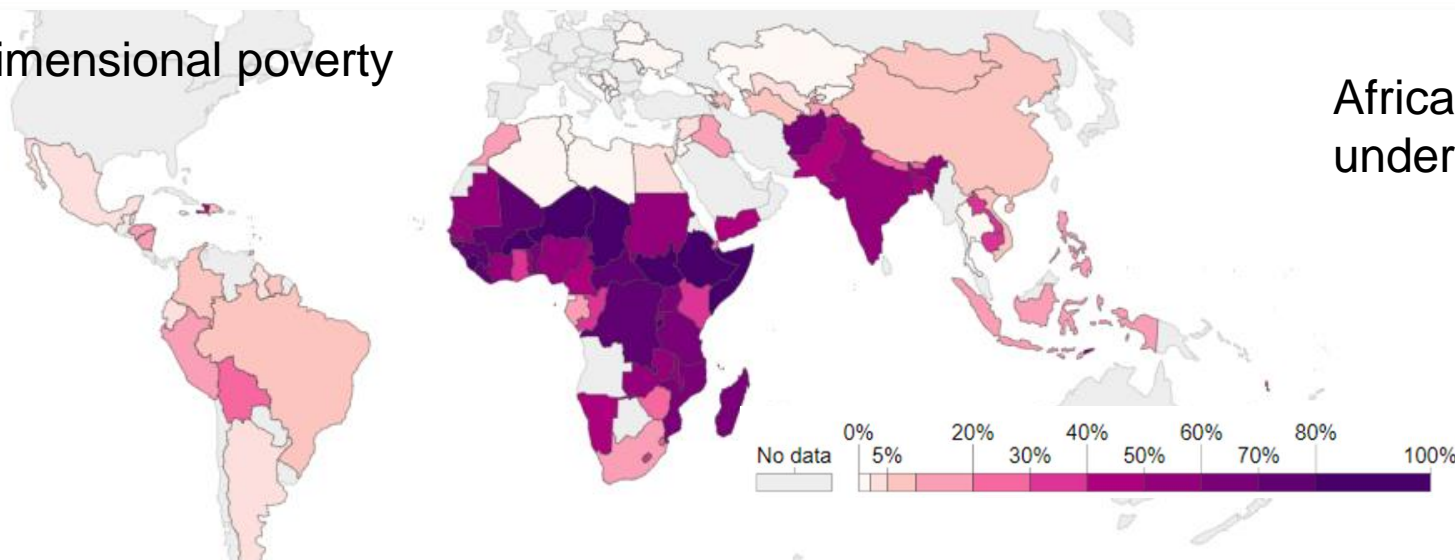


Bruce Campbell
Program Director

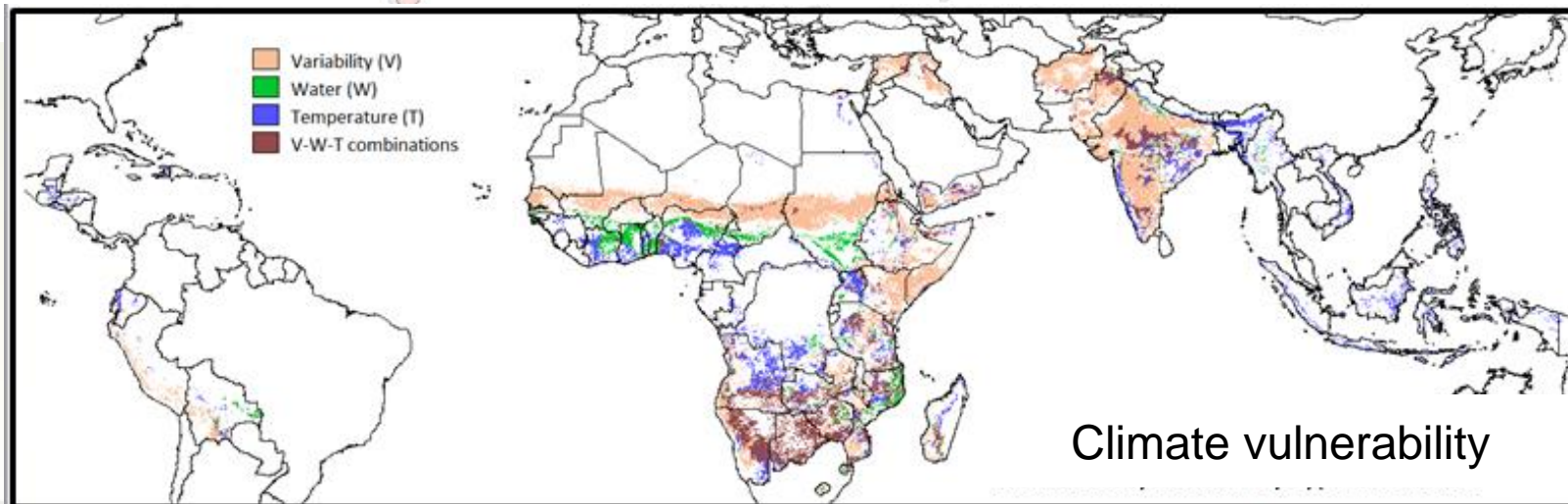


Are we serious about the challenges? Are we serious about the SDGs: Zero hunger in 2030?

Multidimensional poverty



Africa: 1 in 5
undernourished



Climate vulnerability

In many regions we have only 11 growing seasons to reach 55 M African smallholders

How are agric practices changing?

Region	No. sites	Proportion of households of each type			
		Stepping up <i>(Investing in ag. assets; expanding scale or intensity of ag. activities)</i>	Stepping out <i>(increased off-farm income; accumulating non-ag assets)</i>	Hanging in <i>(Few changes)</i>	Scraping by <i>(> 5 food deficit months per year)</i>
East Africa	8	14	12	43	32
West Africa	5	11	6	70	14

- Few farmers are intensifying
- Few are moving towards significant off-farm activities
- Many are “stuck” in food insecurity or making minimal change (i.e. coping)

Thornton et al. (2018)

Must have tailored solutions
Be realistic about what agriculture can achieve – other sectors have to grow

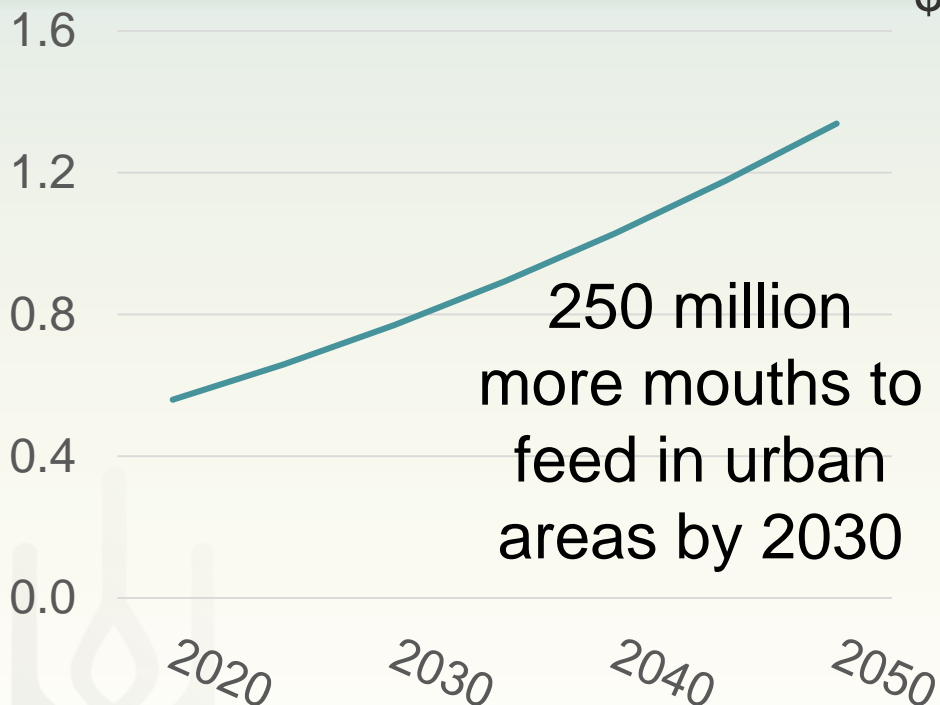
Massive opportunity for African farmers and food companies



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Africa's urban population (billions)



Africa's annual food import bill \$35 billion
\$110 billion by 2025
Africa Development Bank

Diets are changing

- Staples diversifying
- Increased consumption of fruits, vegetables and animal-based products
- More “fast foods”

Staatz, J. and F. Hollinger (2016), OECD Publishing, Paris

What will it take to get food system transformation?



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Don't get stuck on technology

CSA Practice Briefs: Implementation guidance for policymakers and investors



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- Site-specific nutrient management (Wageningen)
- A Gender-responsive Approach to Climate-Smart Agriculture (FAO & CCAFS)
- Coffee-Banana Intercropping: (IITA, CCAFS, ISABU)
- Integrated Soil Fertility Management: (IITA, AGRA, CCAFS)
- Site-Specific Nutrient Management: (ILRI, CIMMYT, WRI, Univ Minnesota, CCAFS)
- Conservation agriculture (FAO, CIMMYT, CCAFS)
- Climate-Smart Pest Management (CABI)
- Improved ruminant genetics (Wageningen, GRA,)
- The System of Rice Intensification (SRI): Revisiting Agronomy for a Changing Climate (Cornell)
- Alternate wetting and drying in irrigated rice (IRRI, CCAFS)

Webinars

What
should the
Knowledge
Action
Group do?

Numbers of publications on climate-smart- agriculture



What should the Knowledge Action Group do?



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Food Security



- Align CSA conferences with GACSA (ie be a part of GACSA)
- Aim for 2 KAG webinars per year on topics for which there is demand



- Expand vision of “knowledge” in KAG
- Try for a demand-driven mode of operation





Thank you

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