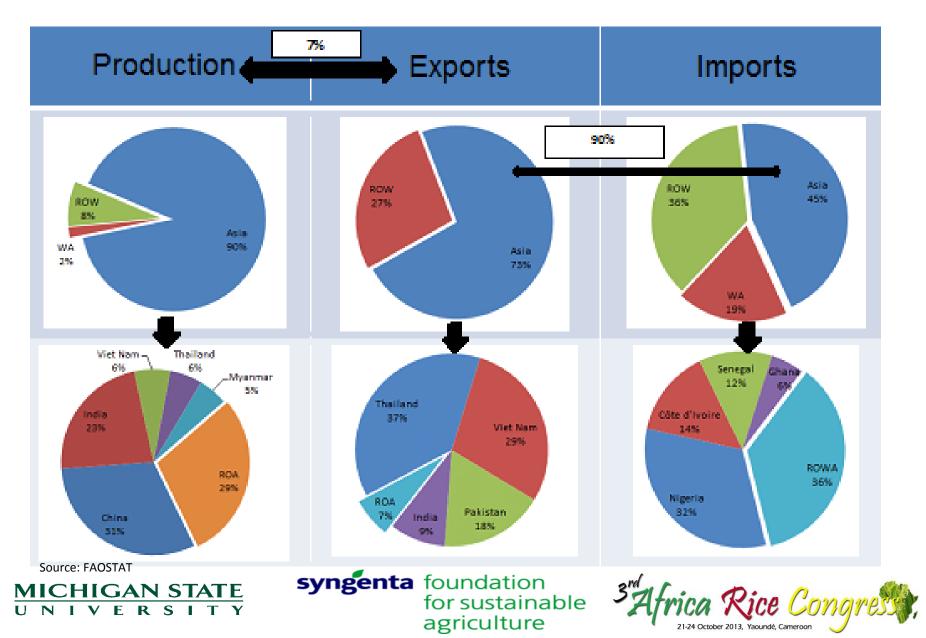
The Changing Asian Rice Economy and its Implications for the Development of the Rice Subsector in West Africa

Ramziath T. Adjao and John M. Staatz Michigan State University October 2013

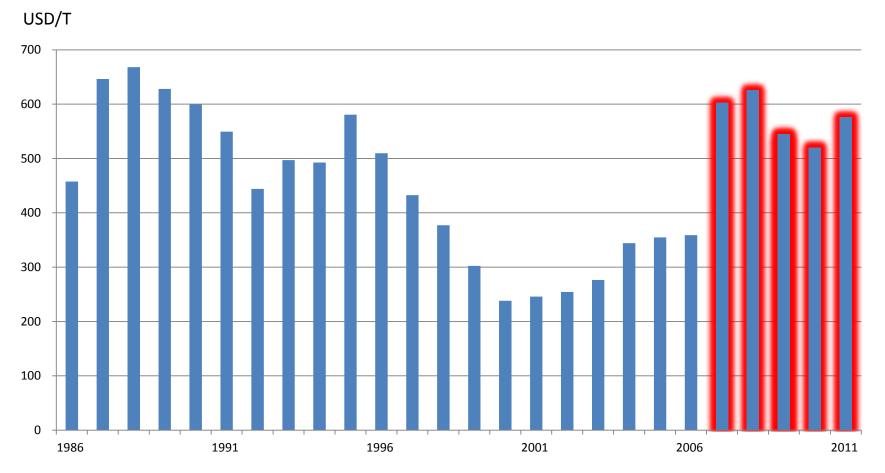




The Importance of Asia in the Global Rice Market



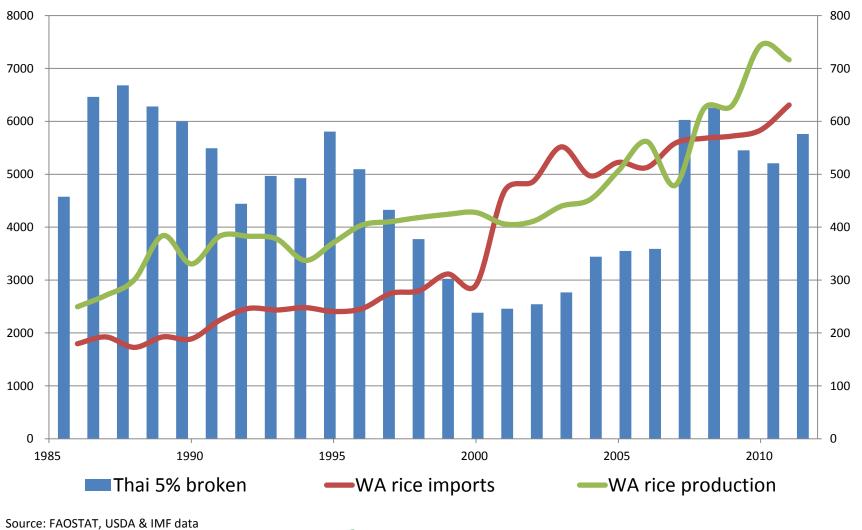
A Thin, Segmented and Volatile World Rice Market



Thai 5% broken, f.o.b. price adjusted for inflation (2005=100)



The Growing Importance of Rice in West Africa 1000 T





syngenta foundation for sustainable agriculture

USD/T

Structural Change and Emerging Trends in Asia

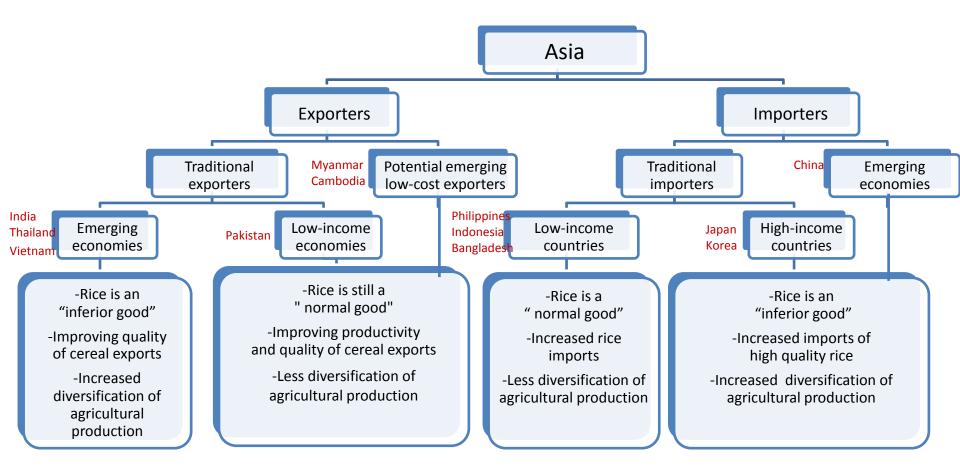
Structural change

- Increased income
- Urbanization
- ... leading to diversification of diets
 - Decreased per capita consumption of rice
 - Increased per capita consumption of fruits, vegetables and meat
- ... and diversification of production into higher value crops
 - Increasing competition between rice & other crops for water and land
 - Falling cereal prices relative to inputs costs
 - Diminishing returns to modern varieties
 - Declining TFP of rice





Agricultural Trends in Asia





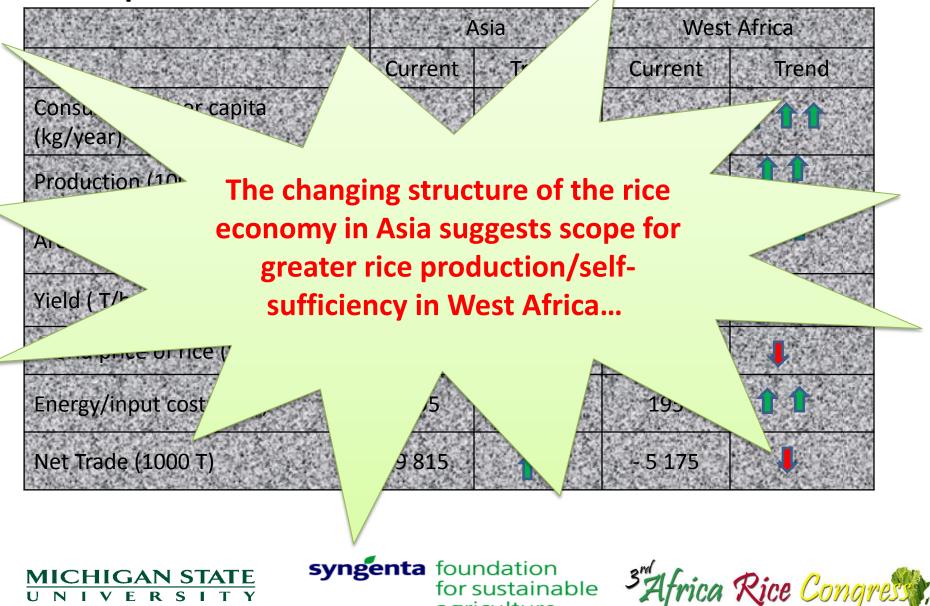
Rice Congress

	Asia		West Africa	
	Current	Trend	Current	Trend
Consumption per capita (kg/year)	80	1	37	
Production (1000 T paddy)	650 055		13 079	
Area (1000 ha)	145 543	+	6 365	
Yield (T/ha)	4.5		2.1	1
World price of rice (\$/T)	576	-	576	↓
Energy/input costs (\$/T)	195	1	195	
Net Trade (1000 T)	9 815	1	- 5 175	↓

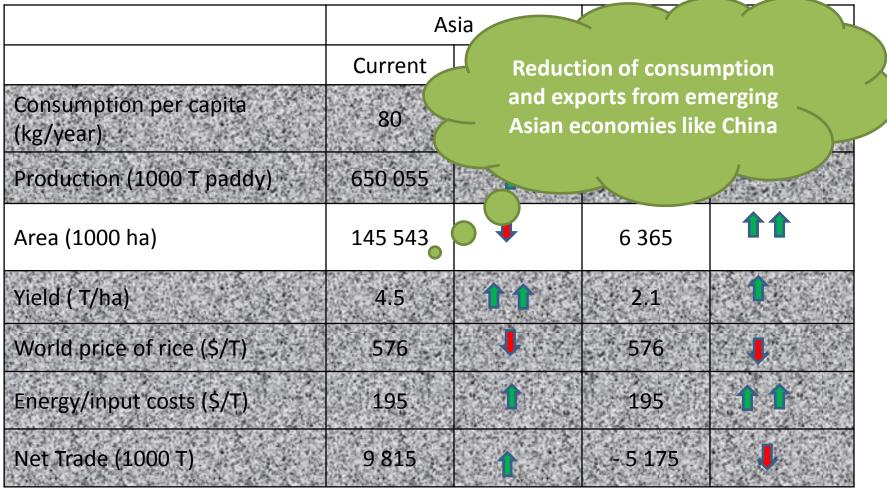
Source: FAOSTAT, USDA & IMF data



Rice Congres

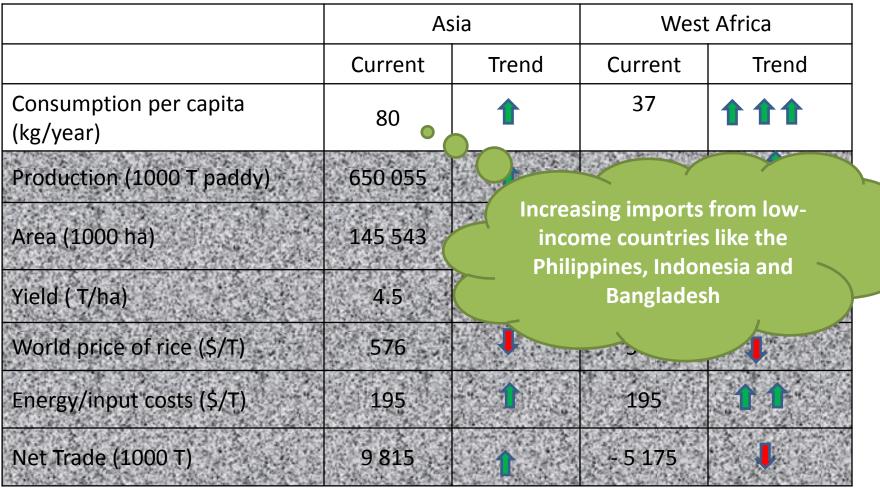


agriculture



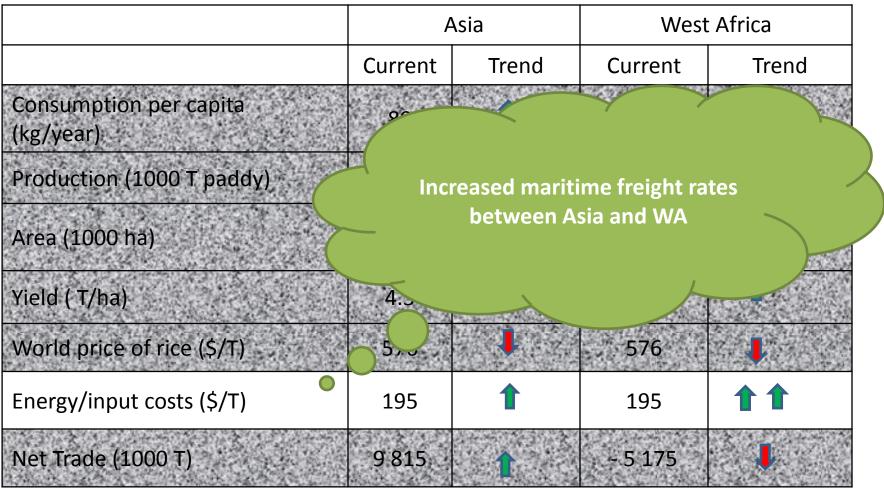
MICHIGAN STATE UNIVERSITY

Rice Congre



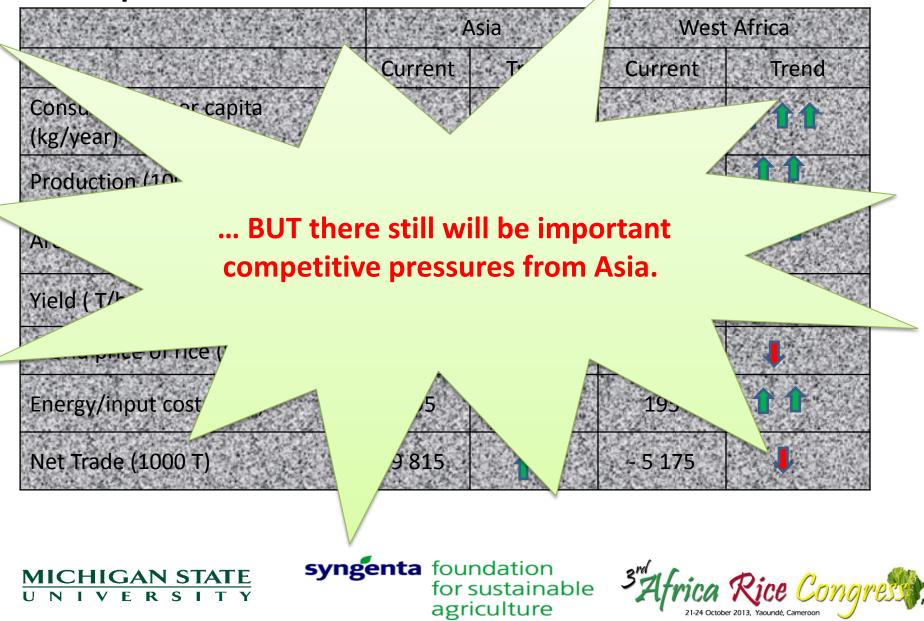
MICHIGAN STATE

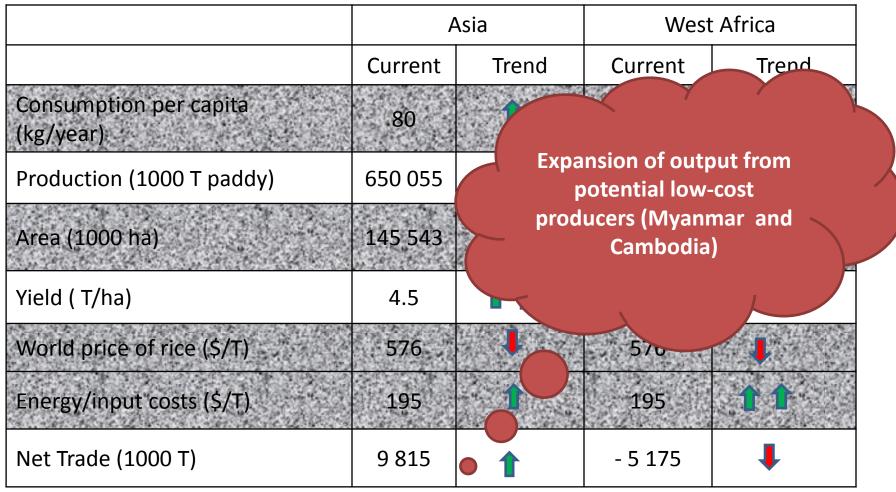
Rice Congre



MICHIGAN STATE U N I V E R S I T Y

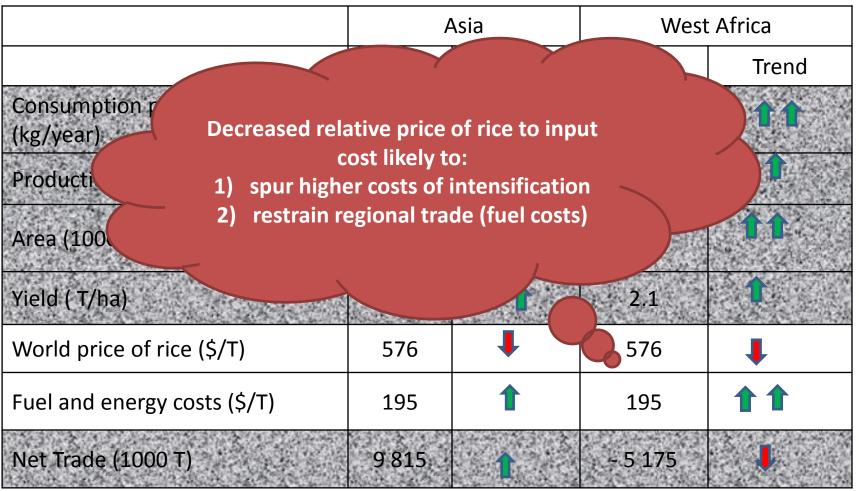
Rice Congres





MICHIGAN STATE

Rice Congre



MICHIGAN STATE

Pice Congre



Implications for the Future Competitiveness of West Africa

- Increasing farm-level productivity
 - Scope for productivity increase vary across ecologies (irrigated, lowland, and upland) – TFP vs yield
 - Improving lowlands would offer a favorable environment for expansion of rice production
- Decreasing per-unit costs throughout the value chain
 - Off-farm transaction costs and transports costs in WA remain among the highest in the world
 - Need to increase consistent supply of paddy to medium & large scale millers by improving contractual linkages between farmers and millers
- Improving product quality and market segmentation
 - Higher quality locally produced rice fetches a premium (up to 20%) over imported rice in some countries
 - Need to improve post-harvest operations by improving contractual linkages between smallholders and processors as well as wholesaling functions



THANK YOU !!! MERCI !!!



³rdAfrica Rice Congress, 21-24 October 2013, Yaoundé, Cameroon