Fertilizer demand prospects Sub Sahara Africa

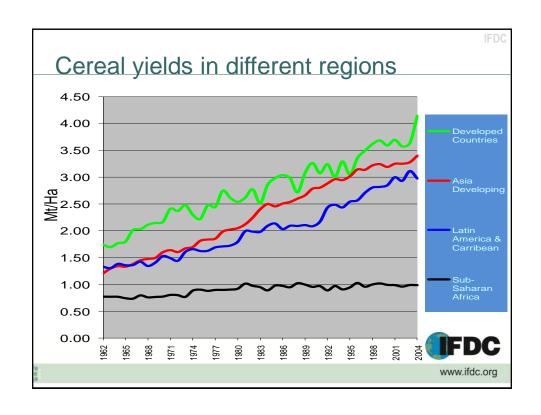
J.J.Robert Groot

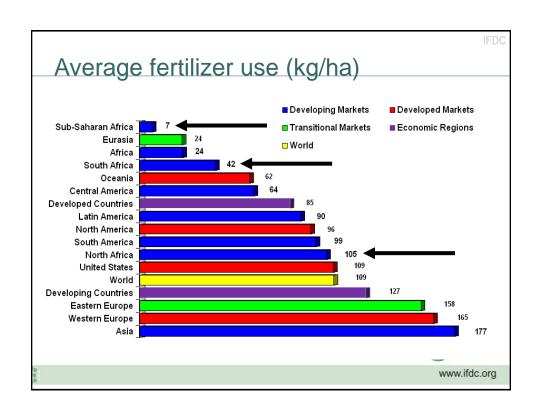
Director IFDC East and Southern Africa Division

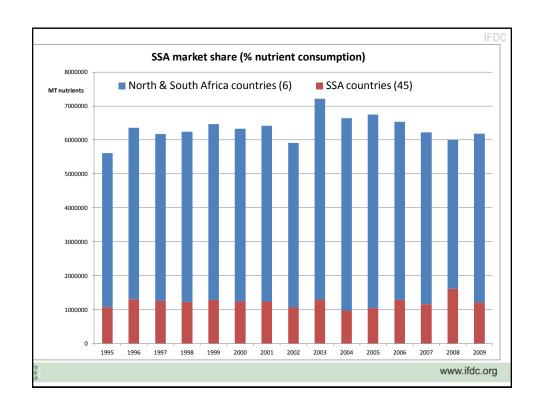
IFA 80th Annual Conference, Doha – Quatar 21-23 May 2012

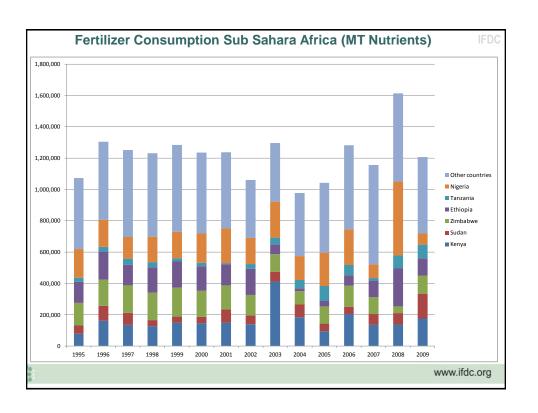


IFDC International Fertilizer Development Center • Increase sustainable agricultural productivity and farmer incomes • Through improved plant nutrient technologies or practices • Through increased access to input markets and product markets Smallholder focus www.ifdc.org







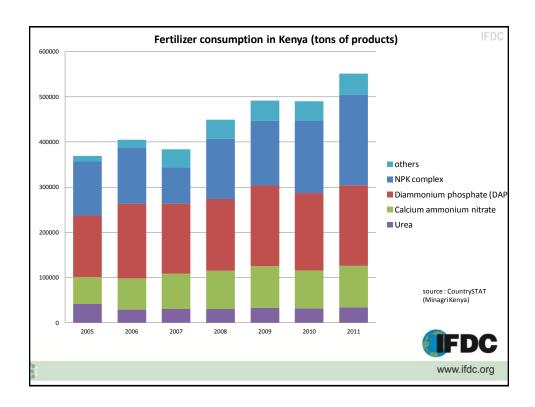


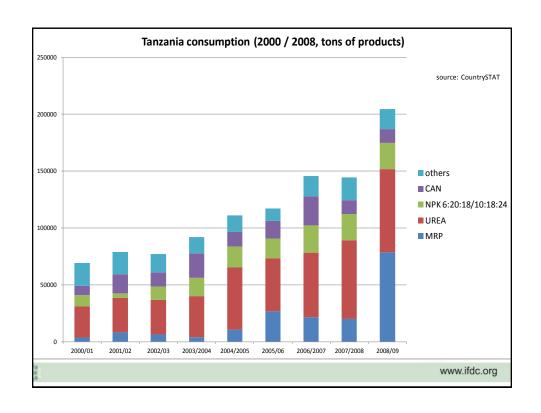
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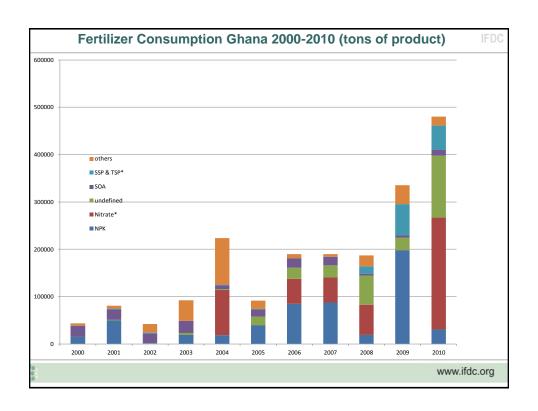
Sub Sahara Africa - Facts

- Average fertilizer use 8 kg/ha (mainly cash crops)
- · Agronomic efficiency low: 10 kg grain / kg fertilizer
- Fertilizer demand SSA: 1.3 million MT nutrients
- >10% of global population, <0.8% fertilizer use
- Annual Food imports: 50 million MT
- · Enormous potential









		•	Requirements to meet ural policy objectives							
	'000 of MT Product	Ghana	Kenya	Tanzania						
	Current Consumption	200	489	263						
	Demand to meet country ag-prod objectives	339	421	265						
	Total Fertilizer Requirement	539	910	528						

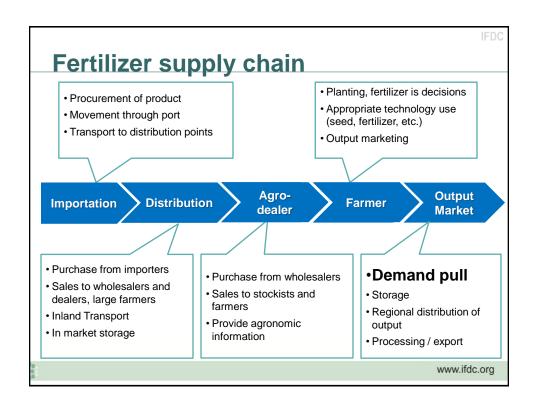
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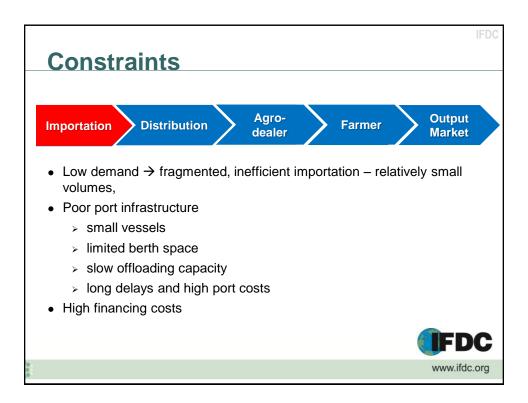
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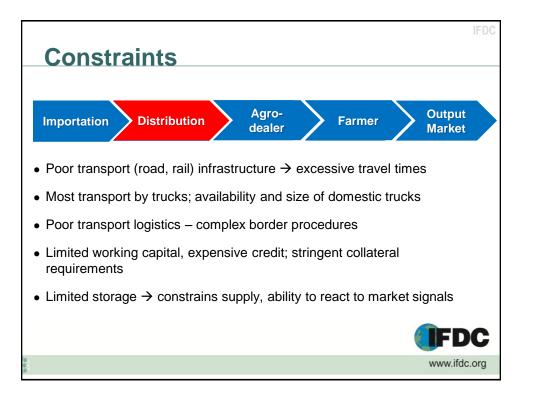
Increase

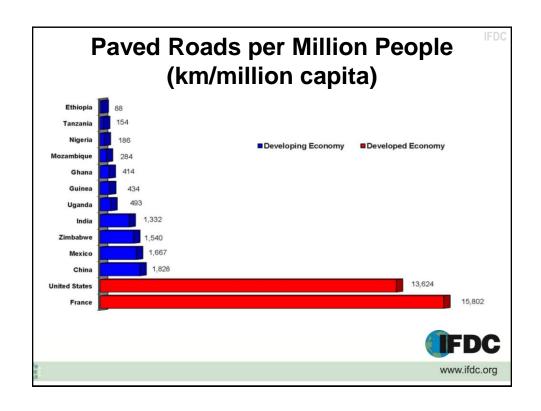


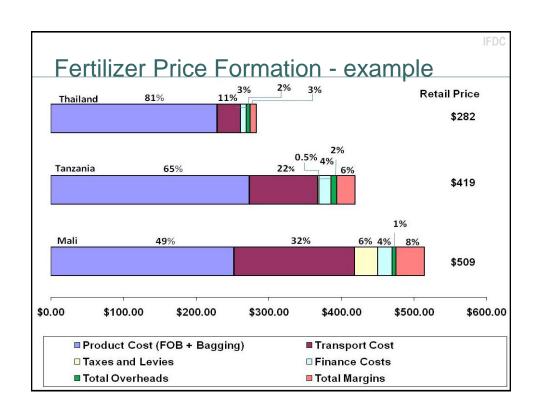
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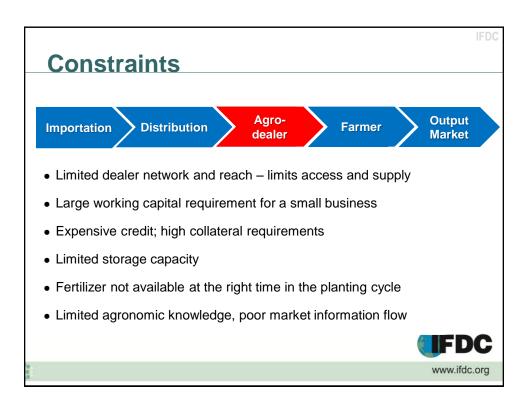


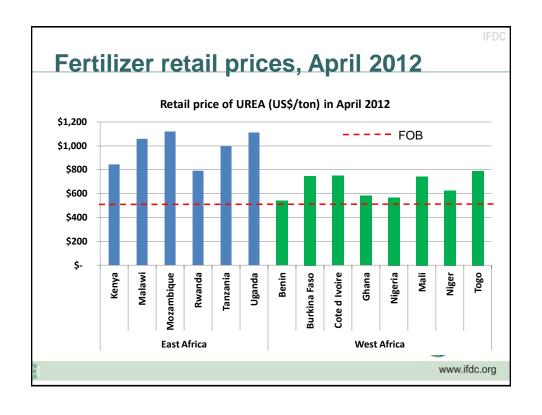




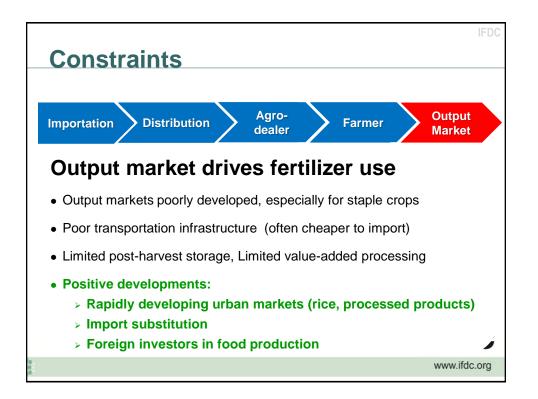








Constraints Agro-Output **Importation** Distribution **Farmer** dealer Market Limited technical knowledge constrains demand Affordability: small farmers income and credit constraints Fertilizers often not available when needed Subsidy programs can influence farmer decision making Limited access to complimentary inputs (seeds) Risks: rainfall and output price volatility Access to storage / processing channels www.ifdc.org



PARTNERSHIP | East African partners approached by the country have been slow in responding

Kenya opts to go it alone in setting up fertiliser factory

Government to undertake feasibility study on the plants' viability in the next two months that is to end by June

BY MWANIKI WAHOME

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enya has decided to go it alone in setting up a fertiliser production plant in the face of a frustratingly slow approval process in East African Community partner states Uganda and Tanzania that had been approached to participate in a joint venture.

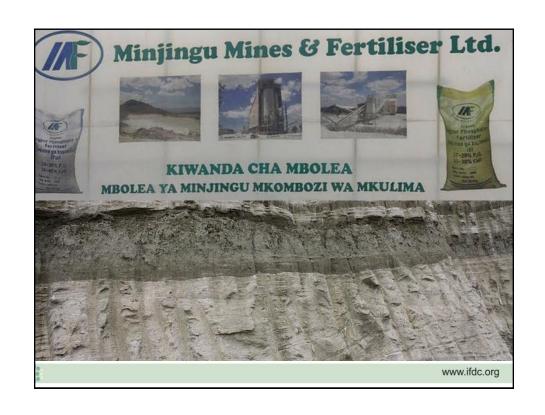
The government plans a feasibility study on the plant's viability in the next two months at a cost 8h7 omillion. The study is expected to be completed by June.

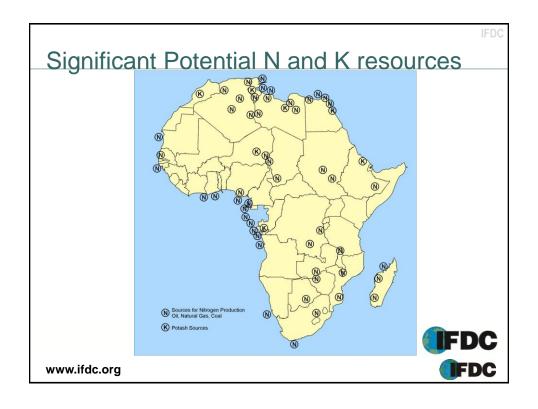
Experts have warned that

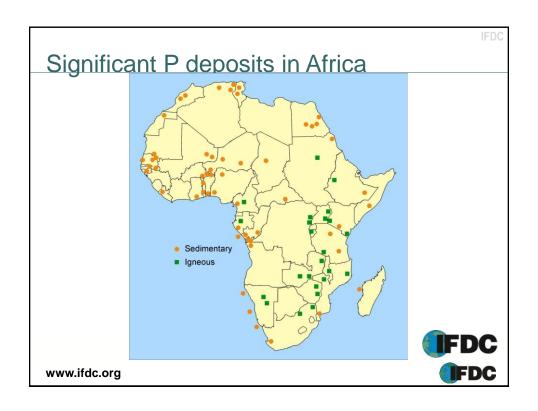
Experts have warned that such a project would be very expensive for the country to undertake on its own. Agriculture permanent confirmed the feasibility study would go ahead, adding the gov-ernment has held discussions



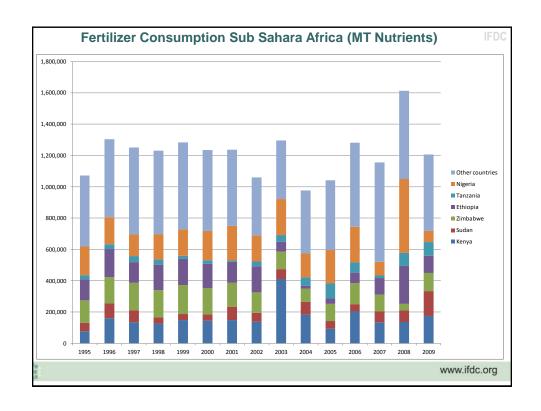




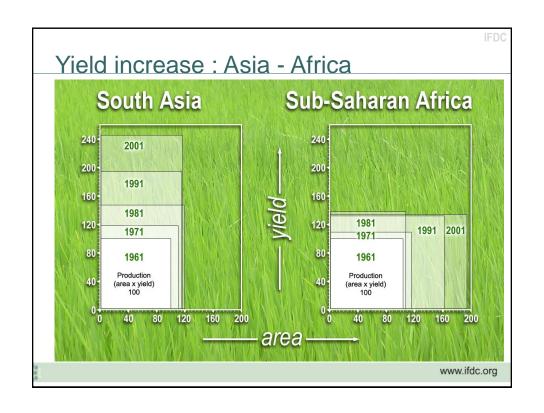








Reasons for optimism - Fertilizer high on government agenda's - Increased industry interest / investments - Increased donor interest - Financial sector increased focus agriculture - Foreign investments in African agriculture - Food multinationals investing in Africa (Local sourcing – local processing for African markets, e.g. Unilever, SABMiller, Nestle, etc) Long run: Africa becomes food exporter – fertilizer demand will grow



Estimate SSA Fertilizer Requirement (optimistic scenario)						
'000 of MT Product	Ghana	Kenya	Tanzania	SSA		
Current Consumption	200	489	263	4,500		
Demand to meet country ag-prod objectives	339	421	265	5,000		
Total Fertilizer Requirement	539	910	528	9,500		
Increase 2020	2.7x	1.9x	2.0x	2x ?		
				www.ifdc.o		