

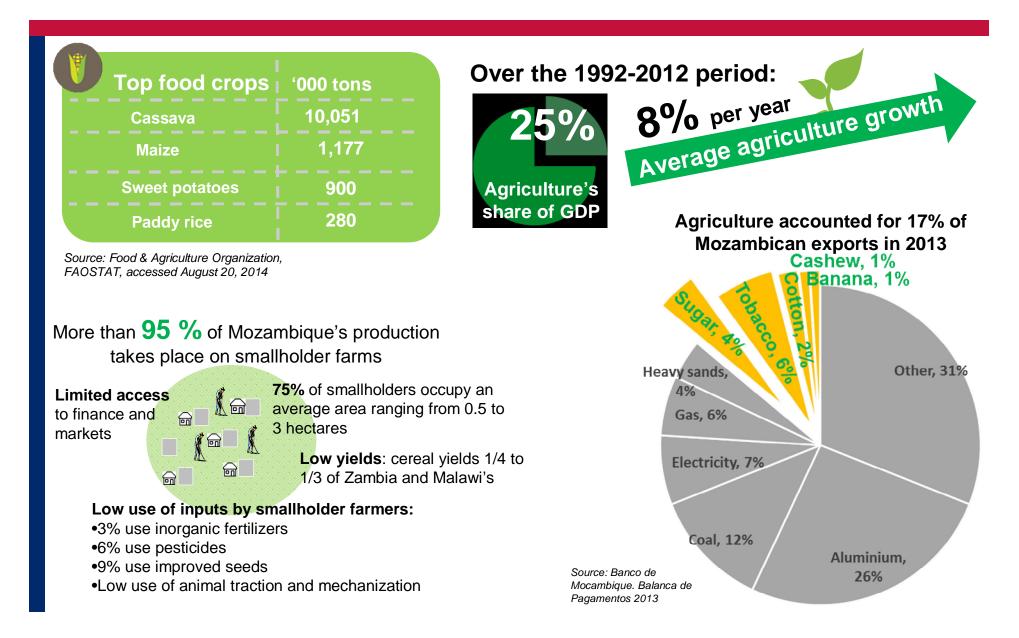
Mozambique's Natural Resource Boom What potential impacts on the competitiveness of Mozambique's Agriculture industry?



October 2014

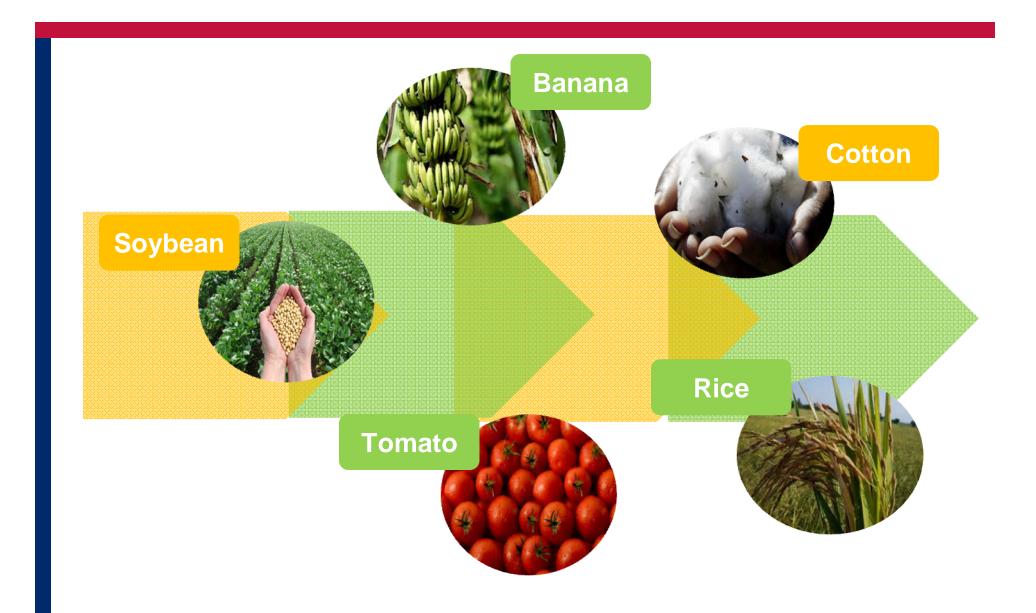


Agriculture is an important contributor to Mozambique's economy





Five key value-chains analyzed in-depth

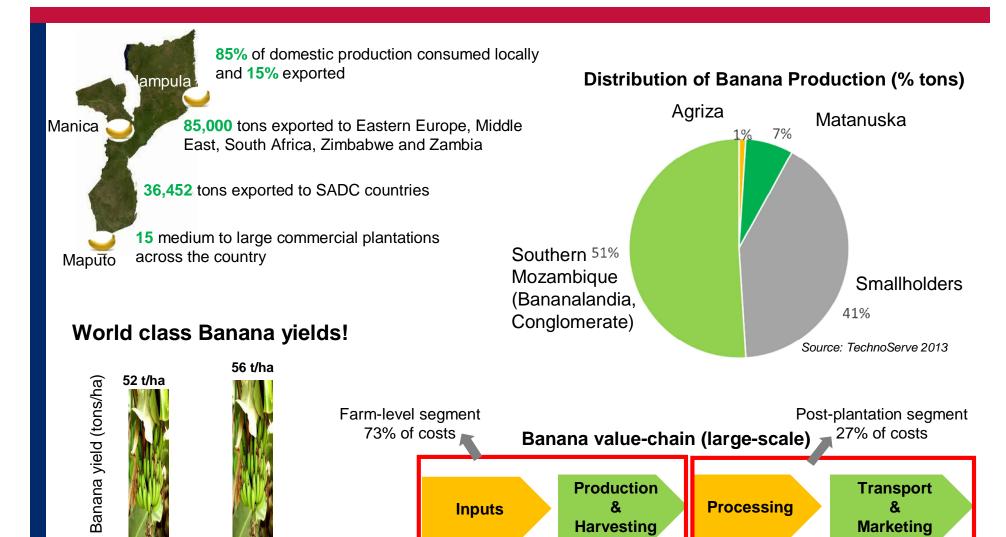




Mozambique

Philippines (top producer)

Mozambique enjoys very good conditions to grow bananas on a commercial basis





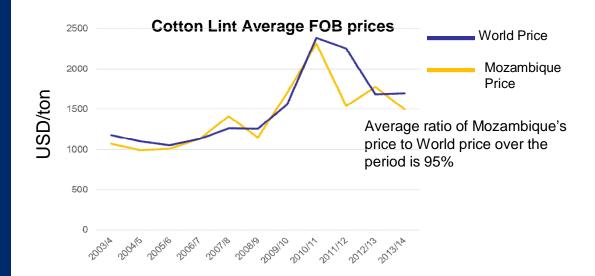
Cotton is one of Mozambique's Top 10 exports

Cotton is Mozambique's **3rd most important** agricultural source of foreign exchange earnings (nearly **US\$100 million in 2013**)

Cotton is a source of livelihood for around **250,000 farmers** (mostly smallholders)

Nampula, Cabo Delgado, Tete, Niassa and Zambezia account for 84% of total production

15 ginning companies in Mozambique with installed capacity of **260,000 metric tons** and ginning ratio (% lint extracted/unit of seed cotton) of 38% (Burkina Faso 42%)





Africa accounts for 11% of world lint exports and...Mozambique only accounts for 2% of Africa's share



Mozambique Cotton Institute (IAM: Instituto do Algodão de Moçambique)

- Established in 1991 to support and supervise production, marketing, processing and export of cotton
- Works closely with ginning companies to promote efficiency and competitiveness in the industry
- Acts as buyer of last resort if farmers are unable to sell to the ginning concessionaire in their district



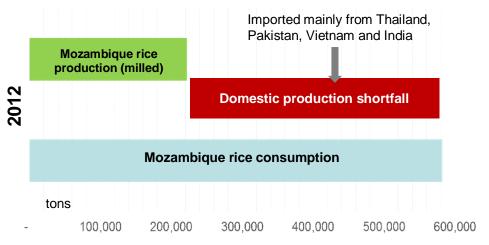
Mozambique depends on imports for two-thirds of total rice consumption

Rice plays an important role in the diet of Mozambicans: currently a quarter of all cereal calories consumed

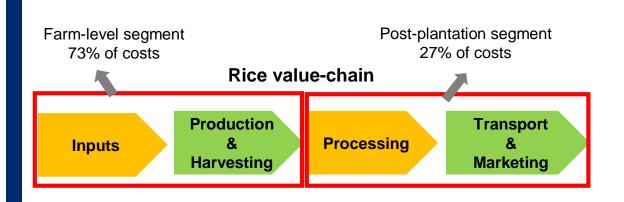
Only a third of Mozambique's 900,000ha of rice production area potential is currently cultivated

Considerable initiatives are underway to raise rice production in Zambezia, Nampula, Sofala, Gaza and Maputo

Intergovernmental cooperation with China has led to new developments in the Chokwe and Xai-Xai irrigation perimeter



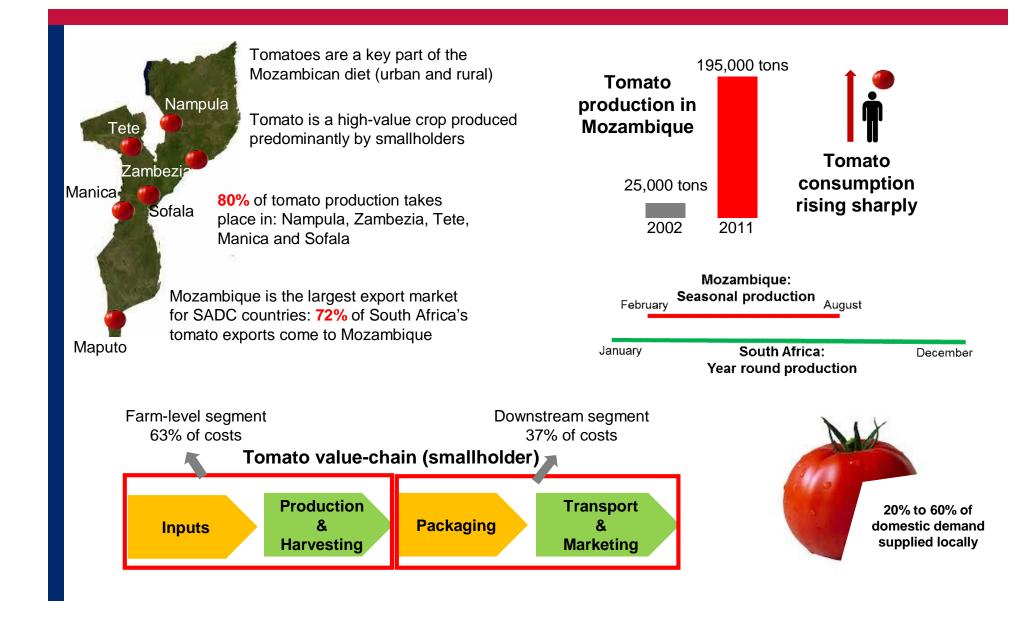
Milling Ratio (% of processed rice obtained from paddy)



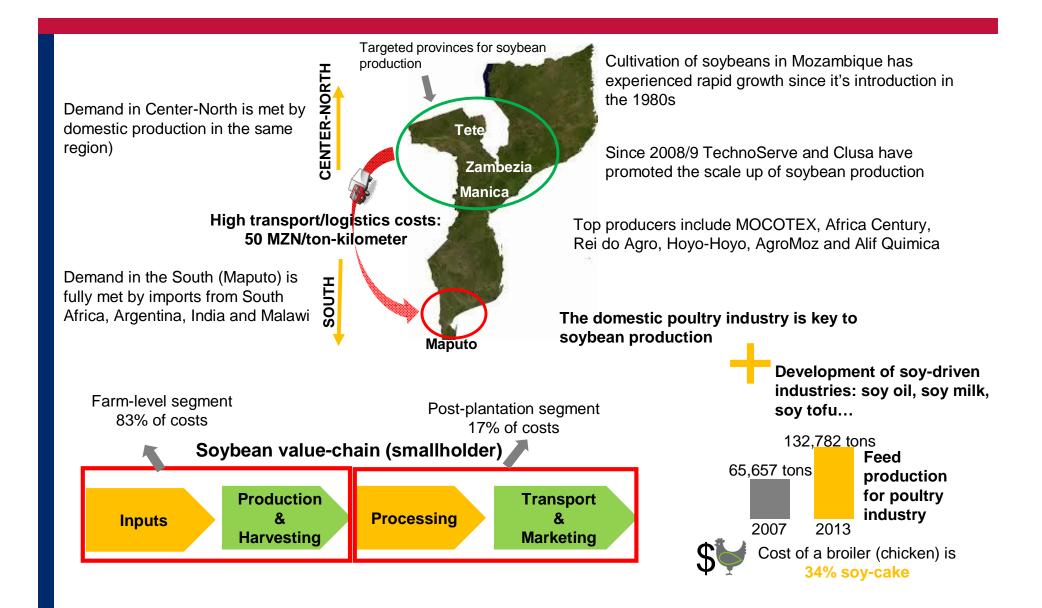




Approximately **271,000** households (smallholder farmers) cultivate tomatoes in Mozambique



USAID SPEED Soybean has huge growth potential in Mozambique





Mozambican agriculture: use of inputs varies across different crops





4 out of 5 of the selected value-chains are currently competitive

Competitive?					
Cost-benefit ratio	0.40	0.67	1.41	0.71	0.43
Profit (Metical/ton)	17,144	18,852	(5,828)	5,428	9,501
Costs (Metical/ton)	11,356	38,453	20,047	13,140	7,123
Gross Revenue (Metical/ton)	28,500	57,305	14,219	18,568	16,624
Sample profitability analysis based on 30MZN/\$	CIF Europe; 40 tons/ha	Ex-ginnery FOB; 0.7 tons/ha	Maputo wholesale price; 4 tons/ha	Entry soy mill; 1.2 tons/ha	Tomato Maputo price; 40 tons/ha



Dutch Disease: a threat to Mozambique's competitiveness



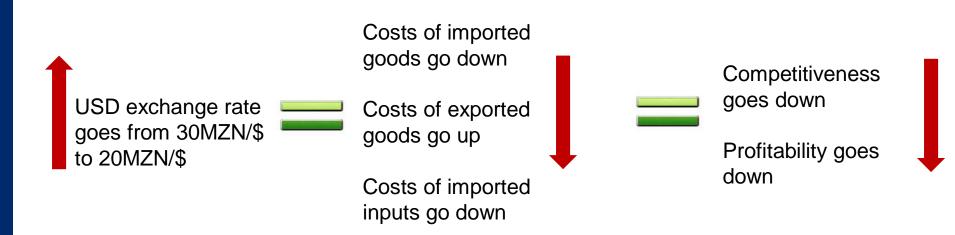
One of the potential effects of Mozambique's impending resource boom is an appreciation of the Metical (one consequence of the phenomenon known as "Dutch Disease")



This means buyers would need more units of their currency (for example dollars) to buy the same amount of Mozambican products

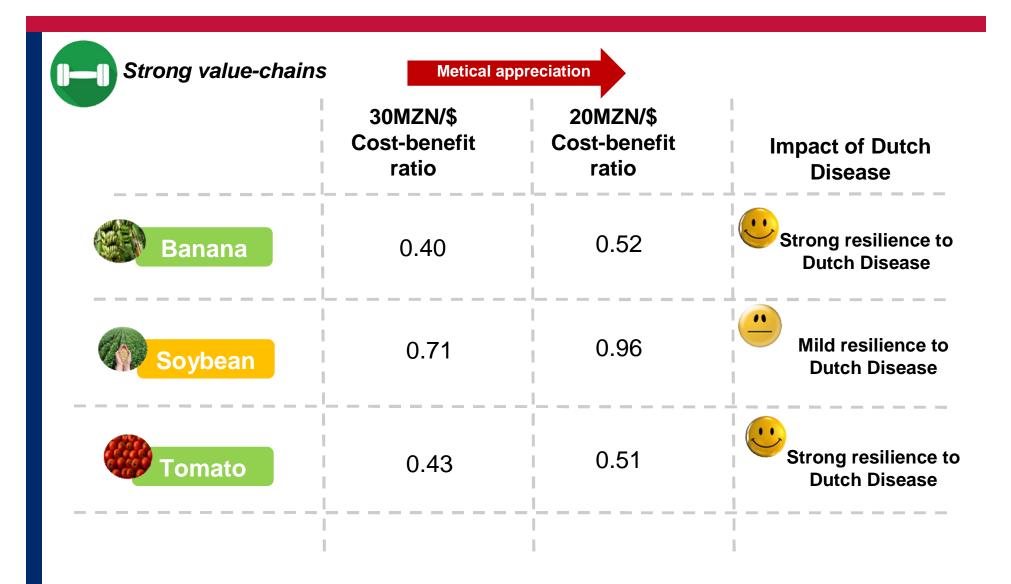
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This would result in a loss of competiveness relative to other exporters whose currencies have not undergone a similar appreciation



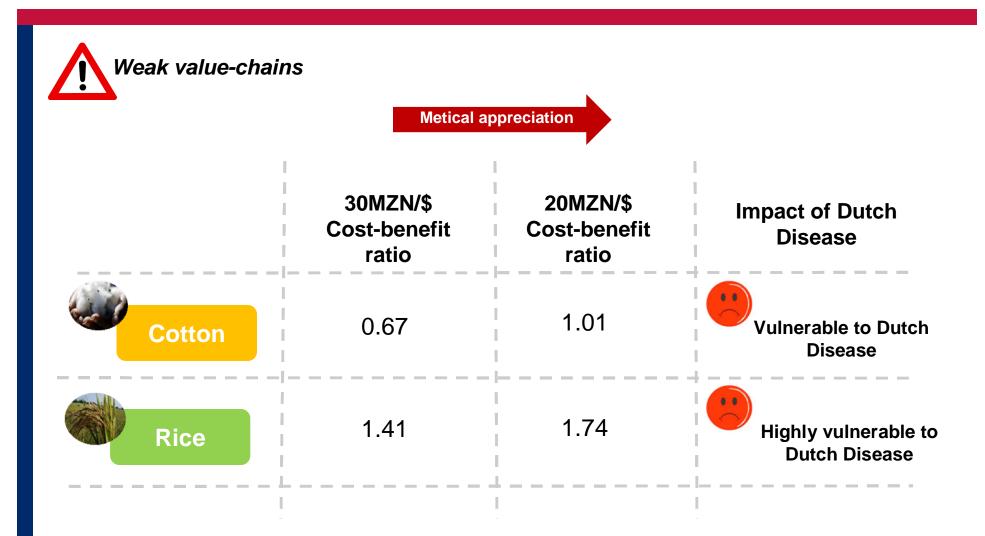


Certain value-chains show resilience to Dutch Disease



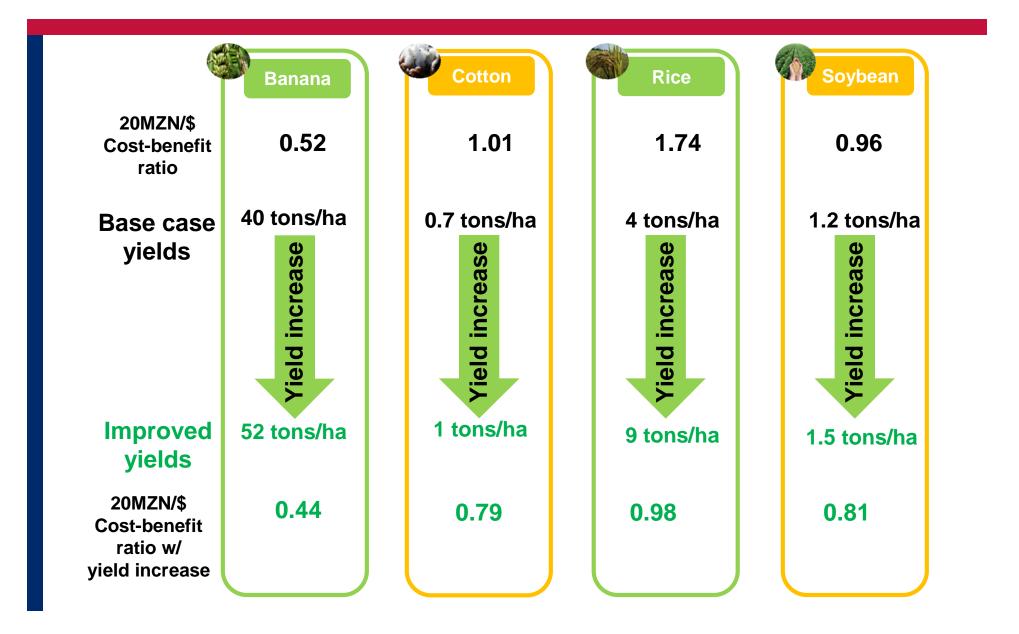


Some value-chains would be **severely impacted** by Dutch Disease





Increased agricultural yields can boost competitiveness





A multi-layered approach to Mozambique's agriculture competitiveness

Reduce bureaucracy and streamline processes		Business environment		
		Eliminate illegal taxes	Simplify legal framework for land rights	
	inimum wage reflect productivity		Improve access to electricity	
		Transport & L	ogistics	
infr	prove road quality and astructure (silos, colo ase management effic	d storage) Increase port e	efficiency Remove/Reduce non-tariff barriers (TEEN, PSI, scanners)	
	Expand production areas Farm-leve Promote use of inputs (improved seeds,		Improve production and harvesting techniques	
	fertilizers, pestic		Increase domestic R&D and	
		ess to irrigation systems zation services	local production of seedlings to reduce phytosanitary risk	
		Processing e processing machinery ar e asset utilization		
		Improve manage and quality contro	-	



The End

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