

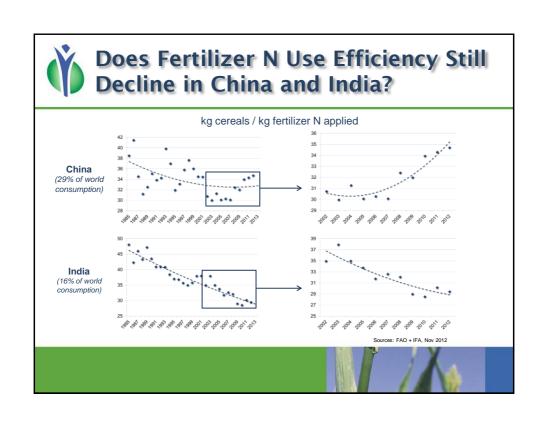


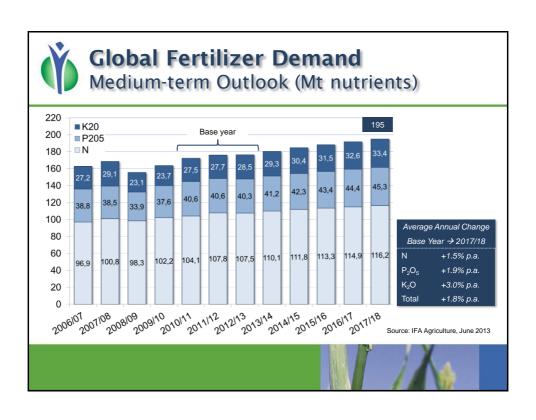
Impact of the Nutrient Based Subsidy (NBS) in India

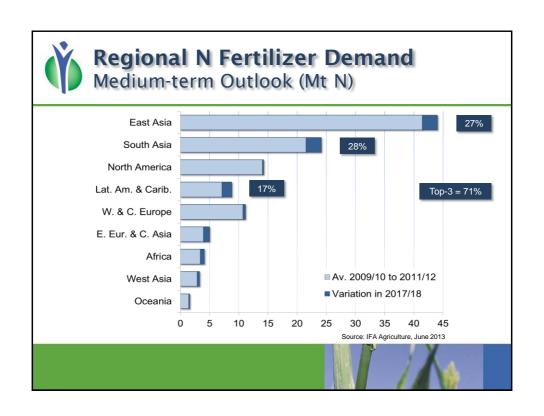
- Subsidy rates revised down in 2012/13, and again in 2013/14
- Fast rising retail prices of P and K fertilizers (due to reduction of subsidies, firm international prices and depreciation of the rupee) → disincentive for use
- Widening price differential between urea and non-urea fertilizers → distorts the N:P₂O₅:K₂O ratio

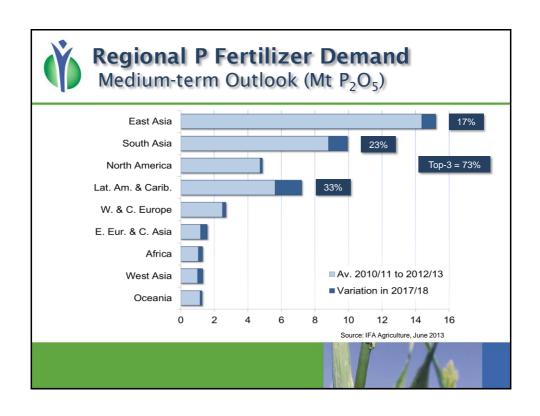
NBS Rates in India (INR/kg nutrient)					
	N	P ₂ O ₅	K ₂ O	S	
2011/12	27.153	32.338	26.756	1.677	
2012/13	24.000	21.804	24.000	1.677	
Change	-11.6%	-32.6%	-10.3%	0.0%	
2013/14	20.875	18.679	18.833	1.677	
Change	-13.0%	-14.3%	-21.5%	0%	

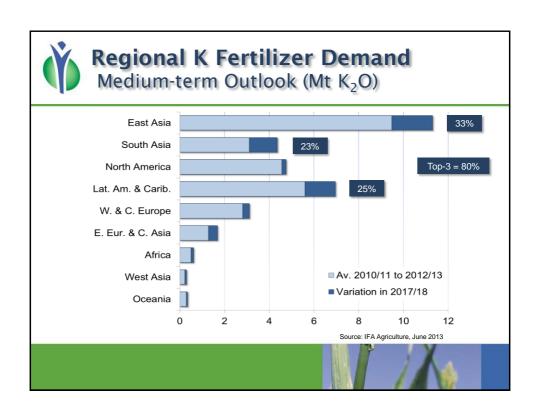
Evolution of the N:P ₂ O ₅ :K ₂ O Ratio in India				
	N	P_2O_5	K ₂ O	
2009/10	4.3	2.0	1.0	
2011/12	6.9	3.1	1.0	
2012/13	8.7	3.4	1.0	
2013/14	7.6	3.0	1.0	

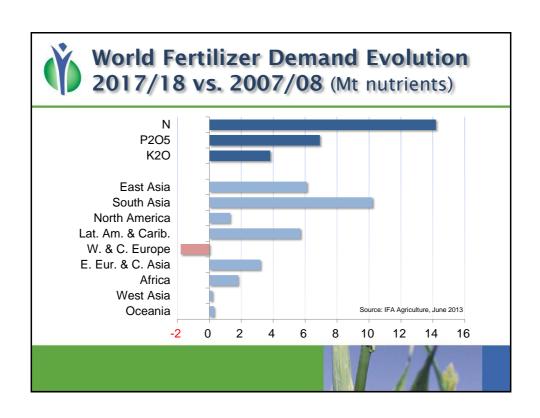










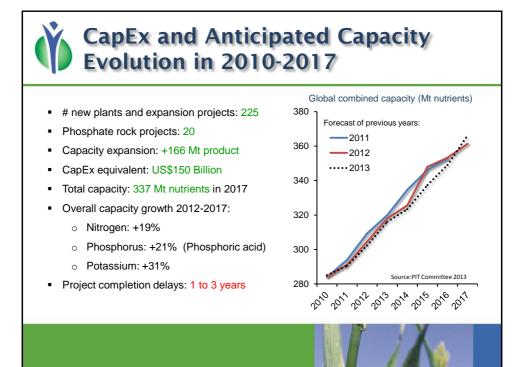


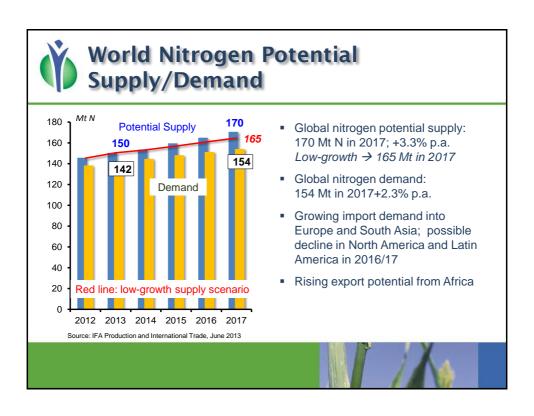


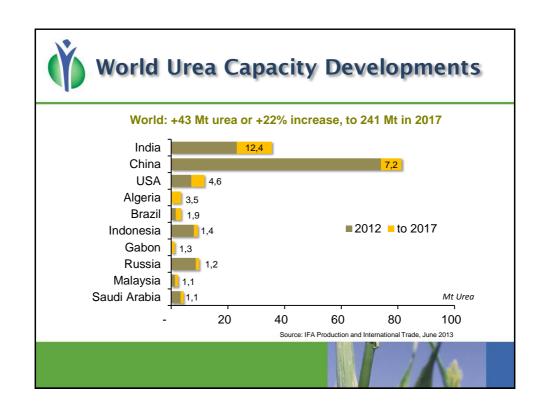


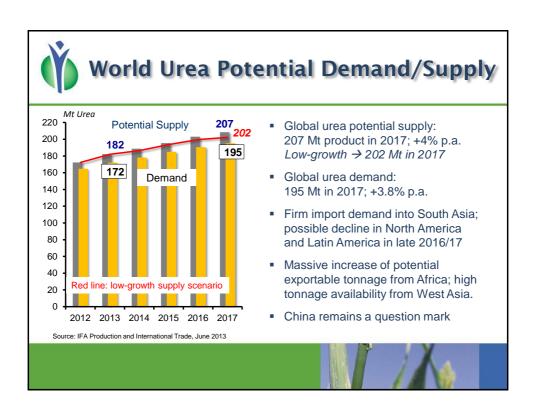
Main Issues Facing the Industry

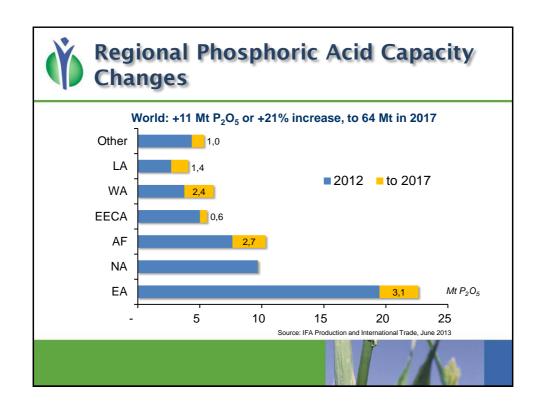
Drivers	Factors		
Feedstock and access to natural resources	Natural gas supply: chronic shortfalls		
	Shale gas developments		
	Phosphate ore grade and quality		
Economic Drivers	Capacity delays		
	Financing challenges		
Regulations	Environmental regulations and impact assessments		
	Product safety		
Policy	Export taxes		
	Domestic investment policy		

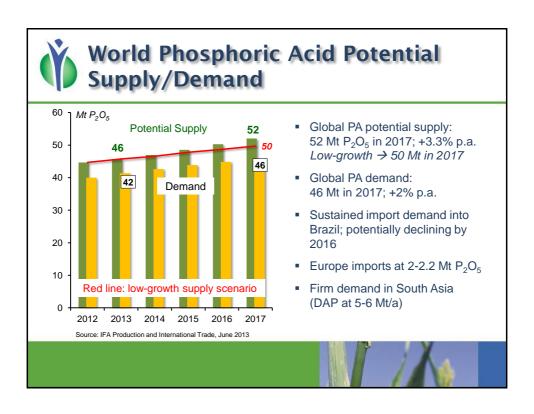


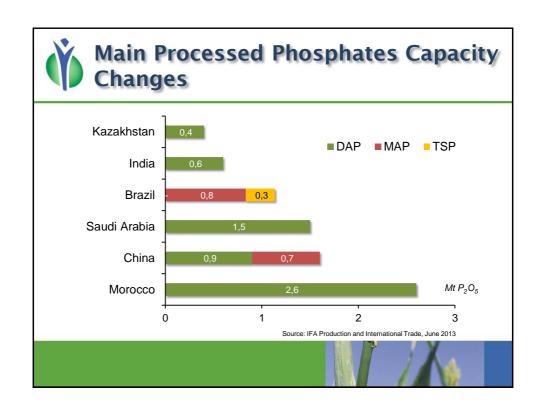


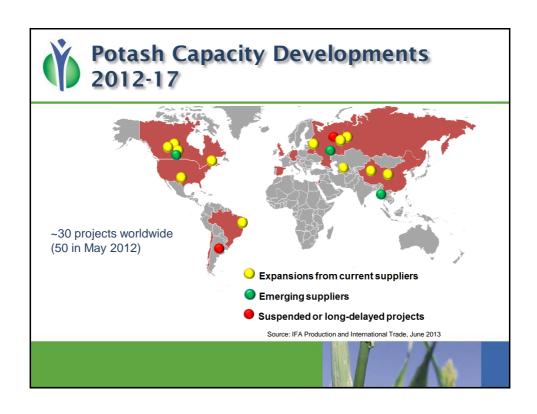


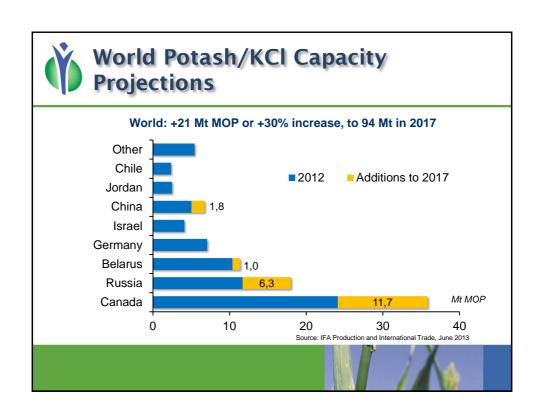


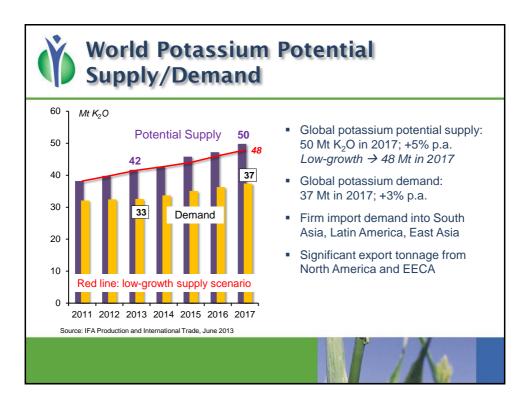


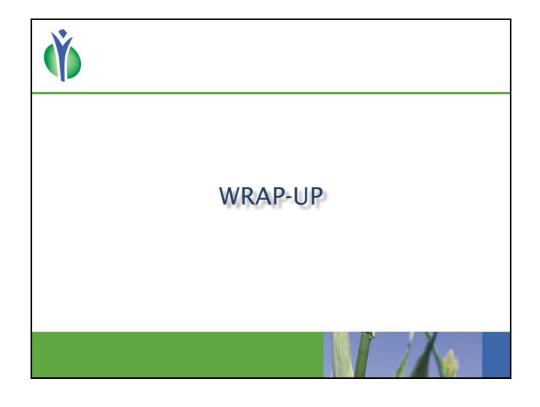














Key Messages on the Demand Side

- Agricultural commodity prices seen remaining firm in medium term as markets would remain tight
- Market fundamentals provide incentives for increasing fertilizer demand
- However, improvement in fertilizer use efficiency moderate the prospects
- World demand growth for N and P fertilizers seen slowing down, influenced by China and India
- Significant uncertainties: economic activity, weather-related crop shortfalls, fertilizer subsidies in India, biofuel mandates in US/EU, etc.



Key Messages on the Supply Side

- Fertilizer industry responds to rising demand and invests heavily in additional capacity
- Likely delays in capacity expansion due to technical, financial, economic, regulatory and other constraints
 → significant degree of uncertainty on the supply side as well
- Under a realistic low-growth supply scenario, markets are likely to remain relatively balanced in the medium term, especially for nitrogen and phosphates



AFRICAN FERTILIZER **VOLUNTEERS PROGRAMME**

You want contribute to food security and smallholder access to fertilizers in Sub-Saharan Africa?



You are a fertilizer company?

- · You would like to contribute to building the knowledge and skills of the African workforce by sponsoring a new program
- · You have an employee engagement program that you would like to find more purpose for
- → JOIN the African Fertilizer Volunteers Program and HELP the African fertilizer value chain to develop
- → SHARING your expertise or **SUPPORTING** the program you can make a huge difference



You are an individual fertilizer expert?

You have expertise in project development and financing; plant design; manufacturing; logistics; distribution; safety, health and environment in production; quality assurance; business planning; marketing; project management, etc...

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