

## BMO Capital Markets 2013 Farm To Market Conference 14-15 of May 2013









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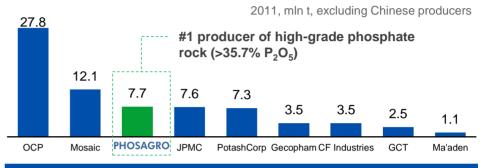
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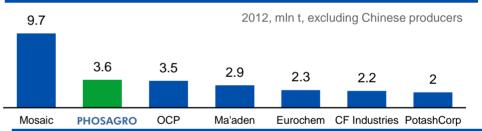
## PhosAgro at a glance

World class integrated phosphate producer	<ul> <li>#1 global producer of high-grade phosphate rock</li> <li>#2 global DAP/MAP producer<sup>(1)</sup></li> <li>Overall fertiliser capacity of 6.1 mln t</li> </ul>
Large high quality apatite-nepheline resources	<ul> <li>2.1 bln t of ore resources<sup>(2)</sup> (over 75 years of production)</li> <li>Al<sub>2</sub>O<sub>3</sub> resource of 283 mln t</li> <li>Substantial resources of rare earth oxides (41% of Russian resources <sup>(3)</sup>)</li> </ul>
Self-sufficiency in key feedstocks provides for low costs	<ul> <li>100% self-sufficient in phosphate rock</li> <li>72%-90% self-sufficient in ammonia<sup>(4)</sup></li> <li>More than 40% self-sufficiency in electricity</li> </ul>
Flexible production and sales	<ul> <li>Flexible production lines</li> <li>Phosphate fertiliser capacities of 4.2 mln t, 1.8 mln t fully flexible into NPK production</li> <li>Leader in Russian fertiliser market growing twice faster than the world consumption</li> <li>Net back driven sales model with a global presence</li> </ul>
Strong financial performance	<ul> <li>EBITDA of \$1,204 mn and \$1,116 mn in 2011 and in 2012</li> <li>Net debt/EBITDA: 0.77x</li> </ul>

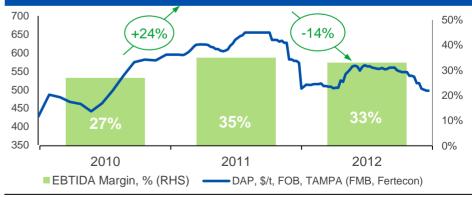
#### Leading global phosphate rock producers (by production)



#### Leading global DAP/MAP producers (by capacity)



DAP Price Dynamics vs EBITDA margin, average DAP price change (%)



Source: FERTECON, FMB, IFA, companies' data, PhosAgro

Note: (1) Excluding Chinese producers

(2) PhosAgro, IMC as of June 2011

(3) Russian Academy of Science

(4) self –sufficiency depends on the composition of the products produced by PhosAgro

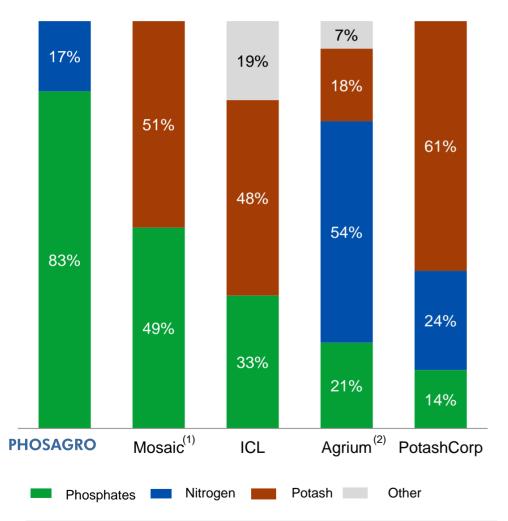
Source: FERTECON, IFA, companies data, PhosAgro



## The only pure play phosphates producer

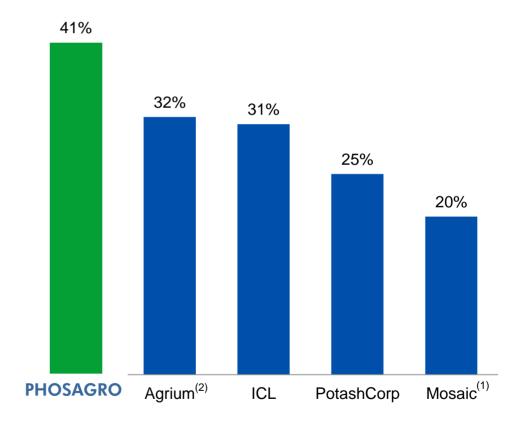
#### Gross profit breakdown by segment

Average gross profit breakdown by segment for 2011-2012



#### Phosphate segment gross profit margin

Average gross profit margin of phosphate segment for 2011-2012



Source: Companies' reports Note: (1) Calendarised

Source: Companies' reports

Note: (1) Calendarised

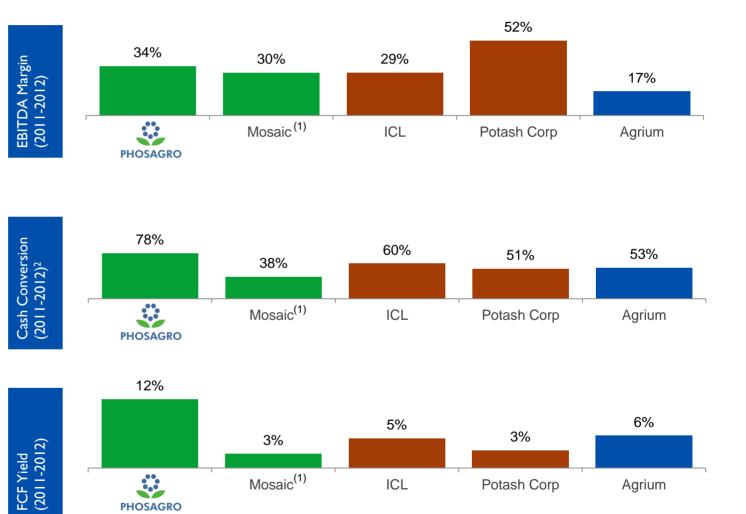
(2) Excluding resale, retail and advanced technologies

<sup>(2)</sup> Wholesale



## PhosAgro Benchmarks Favourably Against Key Competitors

- PhosAgro compares well against its global peers on EBITDA margin and Cash Conversion basis
- PhosAgro strongly outperformed all major peers in terms of FCF Yield basis



Potash

Nitrogen

Source: Companies' reports, Bloomberg Note: (1) Calendarised

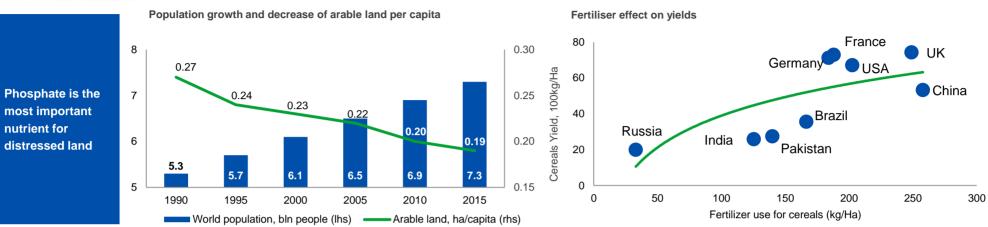
(2) Calculated as operating cash flow minus capital expenditures divided by net income adjusted for minorities

Phosphates

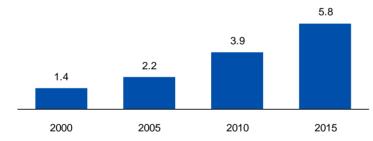
## 1. Phosphates – an attractive industry



#### Strong demand fundamentals for fertilisers



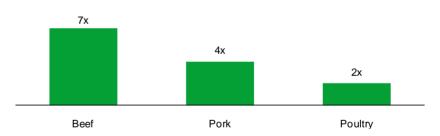
Growing GDP per capita in Emerging Markets '000 US\$



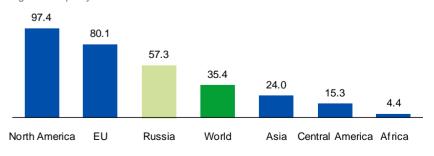
Changing diets – growth in meat consumption mln t



**Animal feed a key driver for grain consumption** kg of grain required to produce 1 kg meat





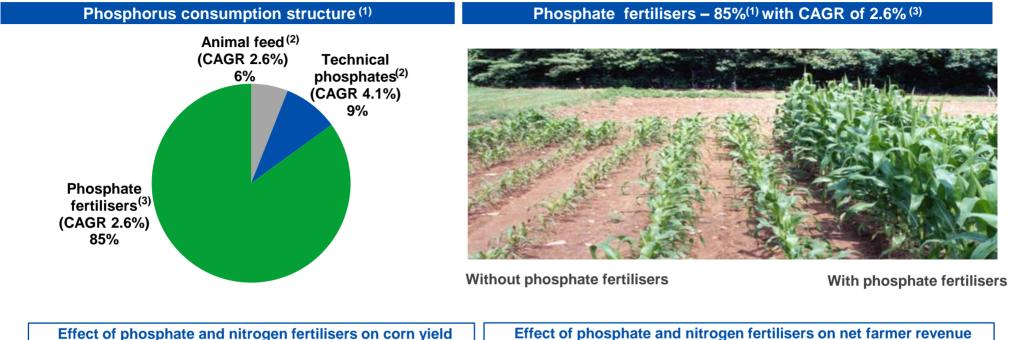


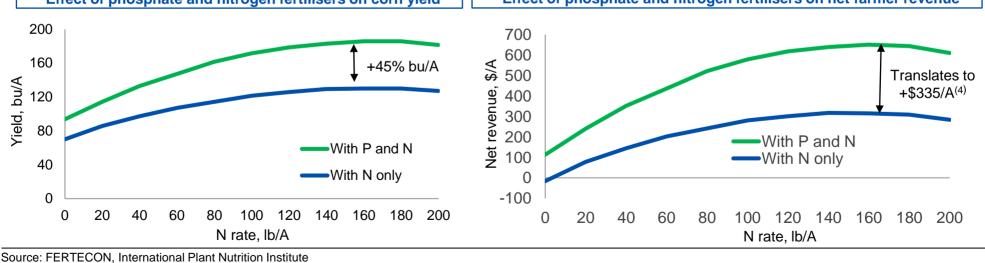
Meat

consumption is driving demand for phosphatebased fertilisers and feed phosphates



#### Phosphorus is essential for life





Note: (1) total phosphorus consumption

(2) Fertecon/CRU forecast for 2010-2020

(3) IFA forecast for 2012-2016

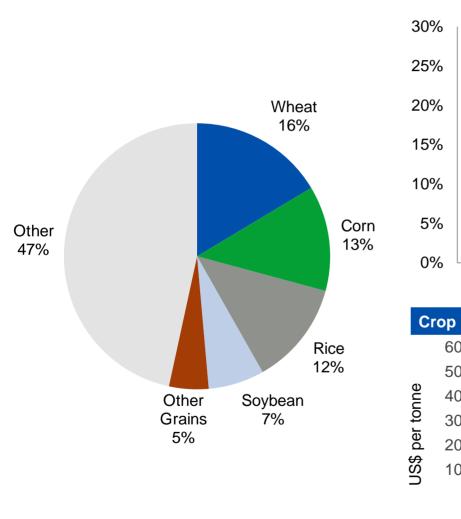
(4) as corn price of US\$ 6,4

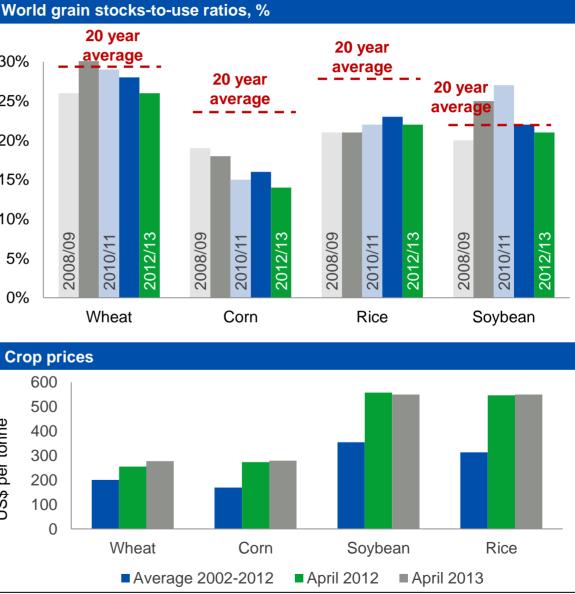
Phosphate fertilisers – 85%<sup>(1)</sup> with CAGR of 2.6%<sup>(3)</sup>



Phosphate fertiliser use by crop

# Stock-to-use ratios for the key phosphate-using crops are at low levels driving crop prices

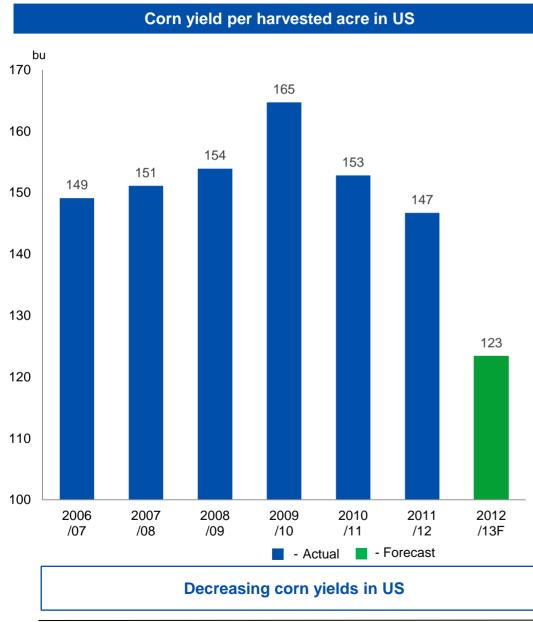




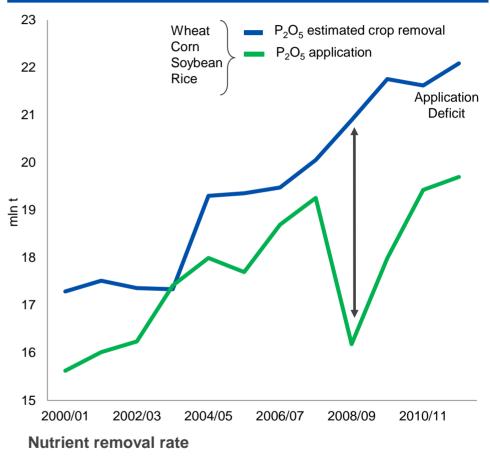
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## Significant room for further growth of use of phosphate fertilisers



Insufficient application of phosphate fertilisers creates significant room for growth

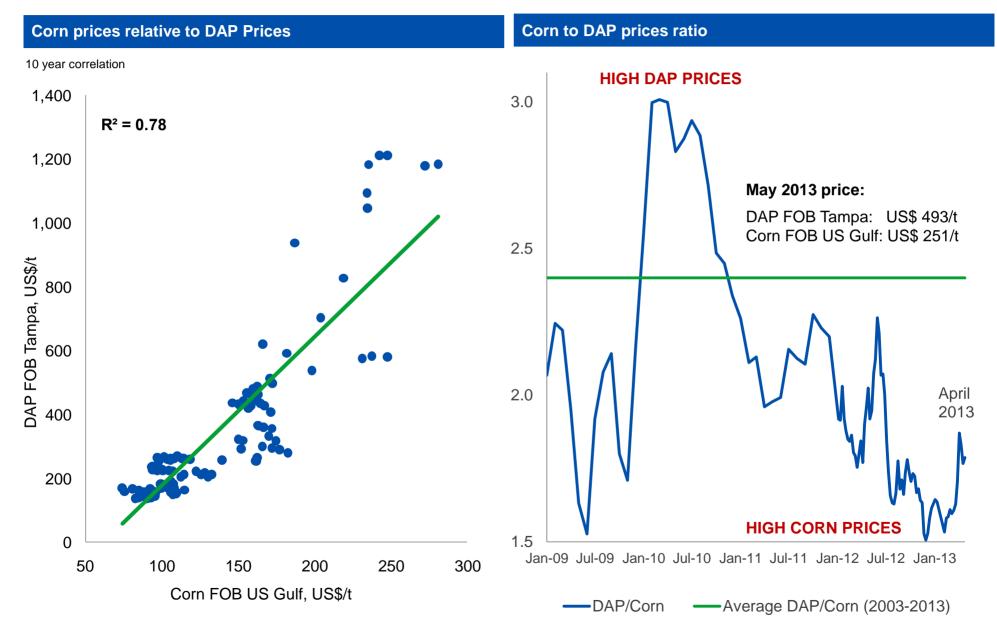


kg P<sub>2</sub>O<sub>5</sub>/t of crop

Wheat	Corn	Rice	Soybeans
11.3	6.7	6.4	16.7



## High grain prices driven by market imbalance motivate farmers to use more fertilisers

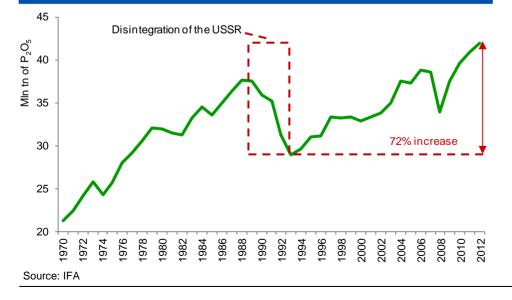




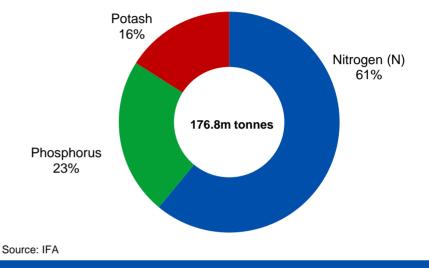
#### Phosphorus in a Global Context

#### **Dynamics of Global Fertilizer Consumption** Year 2011/2012E 2012/2013F 2013/2014F 2013F vs. 2012E Ν 107.5 109.1 110.7 1.5% $P_2O_5$ 41.1 40.0 41.4 3.5% K<sub>2</sub>O 28.2 28.2 29.5 4.6% Total 176.8 177.3 181.6 2.4% 200 MIn tn of nutrients 150 100 50 0 2011/2012E 2013/2014F 2012/2013F N K Source: IFA

**World Consumption of Phosphate Fertilizers** 



#### Structure of Global Fertilizer Consumption 2012E



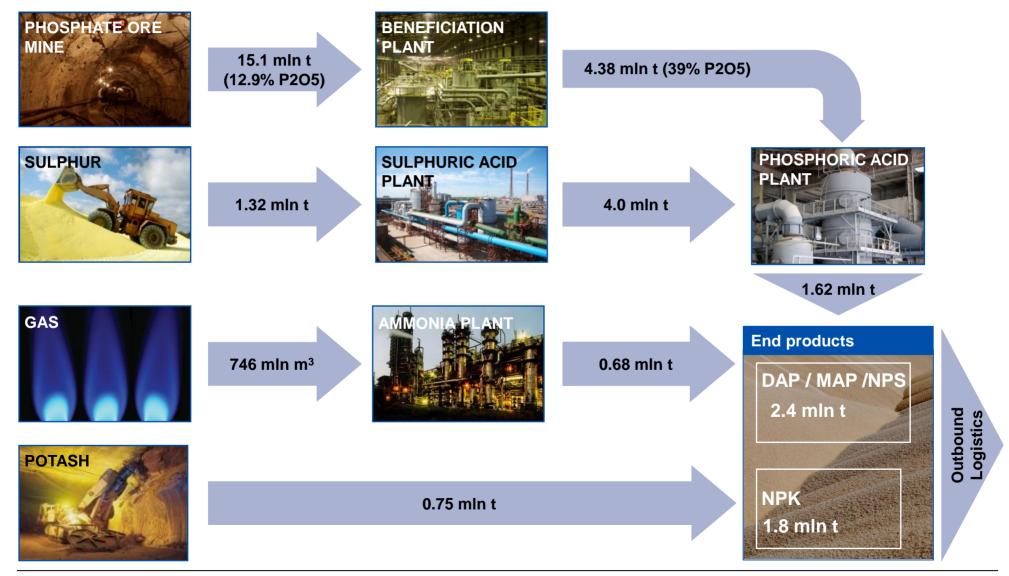
#### Comments

- Phosphorus, as an element vital for plant development, is replaced in soil by the application of phosphate fertilizers
- Phosphate fertilizers constituted 23% of world fertilizer consumption in 2011, and have been stable at that level for the last couple of decades
- The consumption of phosphate fertilizers in 2013/14 is estimated at 41mn tonnes of P<sub>2</sub>O<sub>5</sub>, which is a 3.5% YoY increase
- Since 1960, global phosphate fertilizer consumption has grown at 2.7% CAGR



# Need for a combination of feedstocks and complexity of production process act as barriers to entry

Overview of integrated phosphate-based production model based on PhosAgro's consumption ratios





# Only few countries have domestic resource base which is significant enough to produce phosphate fertilisers

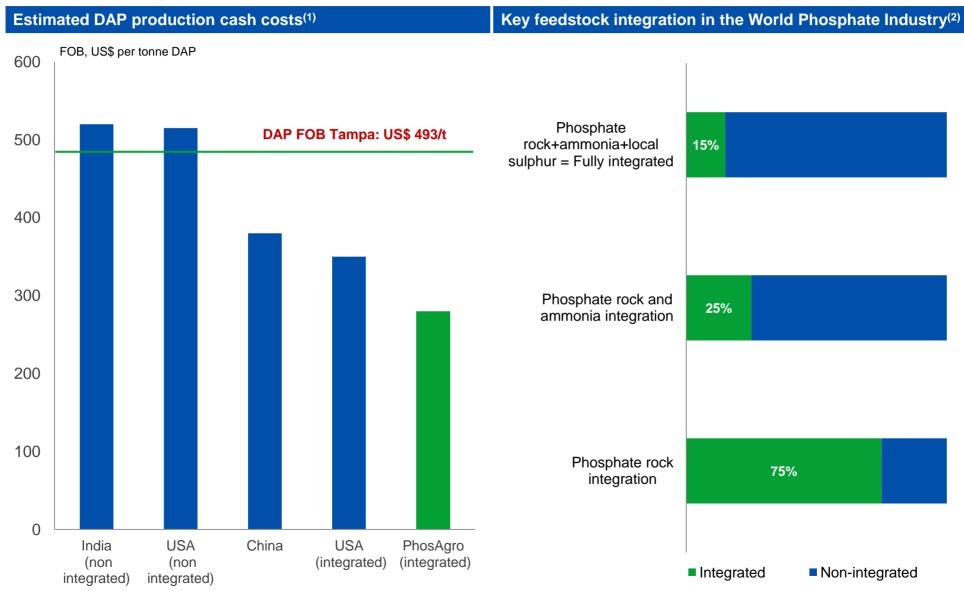
Production/resources of phosphate rock, natural gas and sulphur

	Desien	Phosphate	Rock, mln t	Natural G	as, bln cm	Sulph	ur, k t
	Region	Production	Resources	Production	Resources	Production	Import
	World	180.7	65,000	3,276	208,400	77,184	28,600
1	Russia	10	4,300	607	44,600	7,305	0
2	USA	27.6	1,400	651	8,500	9,091	3,066
3	Saudi Arabia	5*	7,690	100	8,200	3,200	0
4	Canada	1.0	2.0	161	2,000	7,091	0
5	China	75.1	3,700	103	3,100	15,626	10,085
6	Kazakhstan	1.5	3,100	19	1,900	2,857	0
7	Mexico	1.4	1,000	53	400	1,374	368
8	Iraq	-	5,800	2	3,600	125	0
9	Australia	2.0	250	45	3,800	991	513
10	Peru	2.2	1,453	11	400	490	0
11	Brazil	6.1	310	17	500	522	1,952
12	India	2.1	85	46	1,200	2,776	1,807

Source: USGS, IFDC, BP, PhosAgro



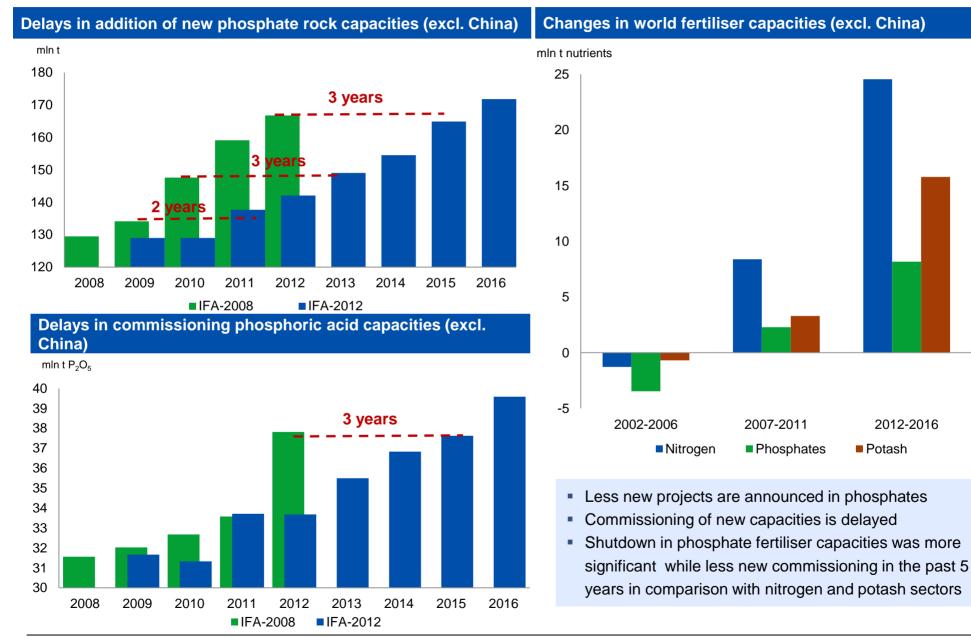
### Significant cost advantage for integrated producers



Source: companies' data, FERTECON, China Fert Market Weekly, PhosAgro Note: (1) as of April 2013 (2) by phosphoric acid capacities, excluding China

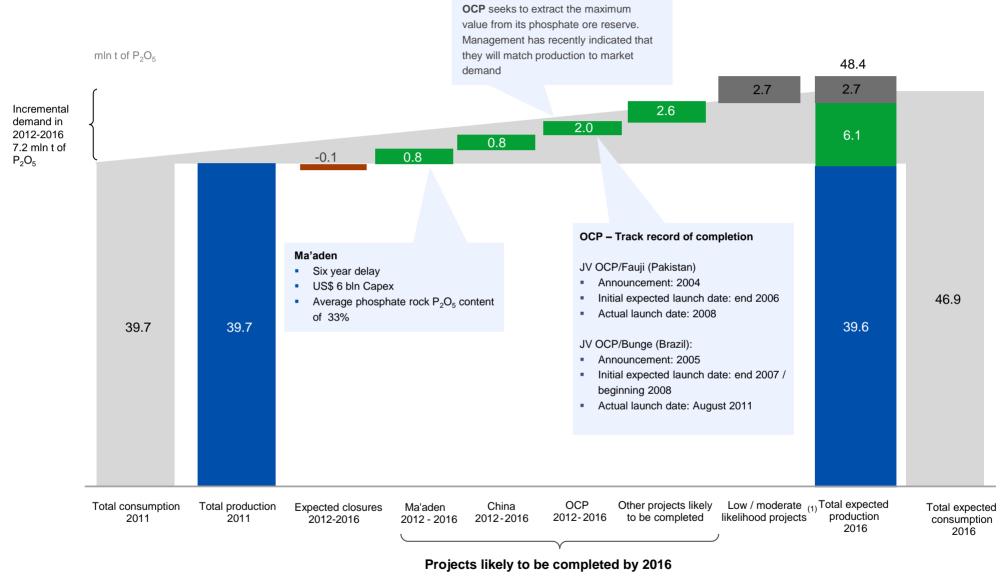


# Commissioning phosphate rock and phosphoric acid capacities





### Timing and completion of new capacities is uncertain



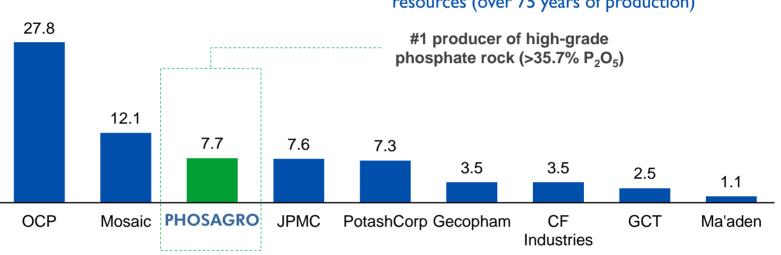
Note: (1) Projects with low / moderate likelihood of completion by 2016

Source: FERTECON, closures and new projects at 100% nameplate capacity, Fertiliser Week, IFA, companies' data

## 2. Company Highlights



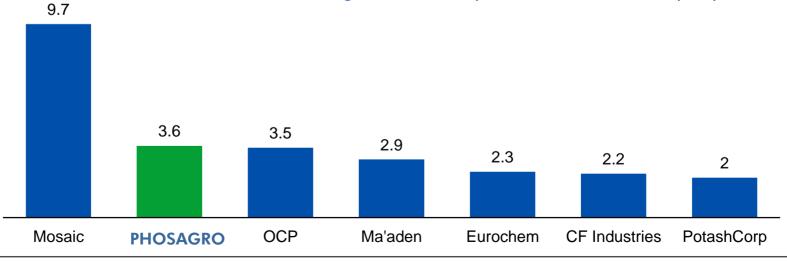
2011, mln t, excluding Chinese producers



A leading global phosphate rock producer with over 2.1 bln t of apatite-nepheline ore resources (over 75 years of production)

2012, mln t, excluding Chinese producers





Source: FERTECON, IFA, companies' data



### Control of world's premium phosphate resource base

World class integrated producer

Large high quality apatitenepheline resources

low costs

Flexible

Location <sup>(1)</sup>	PHOSAGRO Russia	★ Morocco	USA	Jordan	★: China	<b>(</b> Tunisia
World Phosphate Rock Reserves, billion t	2.1	50	1.4	1.5	3.7	0.1
Ore type	Igneous	Sedimentary	Sedimentary	Sedimentary	Sedimentary	Sedimenta
$AI_2O_3$ content	13.0-14.0% High	Very low	Very low	Very low	Very low	Low to moderate
Minor Element Ratio (MER) <sup>(2)</sup>	0.02-0.04	0.02-0.04	0.05-0.1	0.02-0.03	More than 0.05	0.05
Cadmium content <sup>(3)</sup>	Less than 0.1	15-40	9-38	5-6	2	40
Level of radioactivity	Very low	Moderate	Moderate to high	Low to moderate	Low to moderate	Moderate
Hazardous metals content	Very low	Moderate	Moderate to high	Low	Low to moderate	Low to moderate

Source: FERTECON, IMC, USGS 2011 (1)

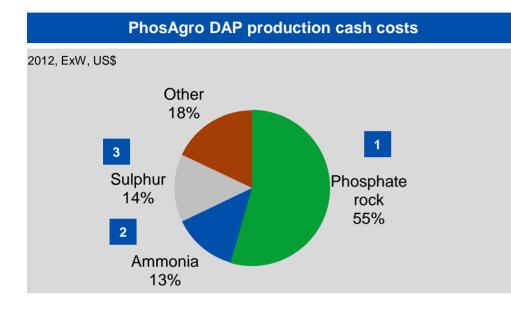
Average Minor Element Ratio (MER) greater than 0.1 not sustainable for production of high quality DAP

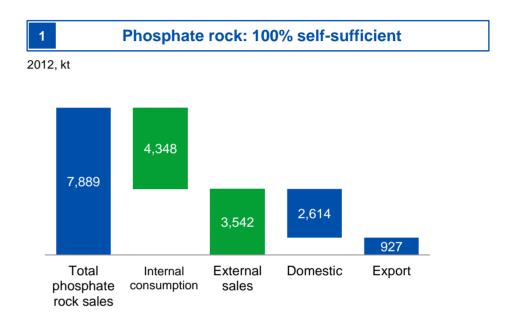
(2) (3) Average cadmium content in ppm

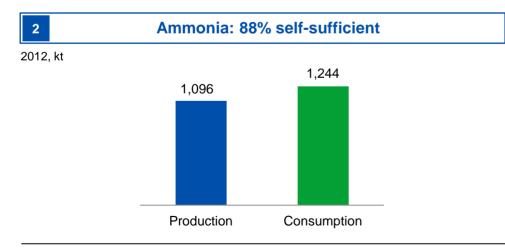
Primary global DAP/MAP producing regions



### Self-sufficiency in key feedstocks



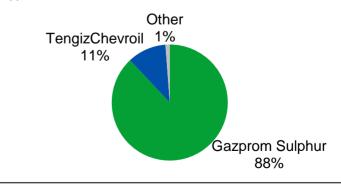






Sulphur suppliers in 2012

3



Source: PhosAgro

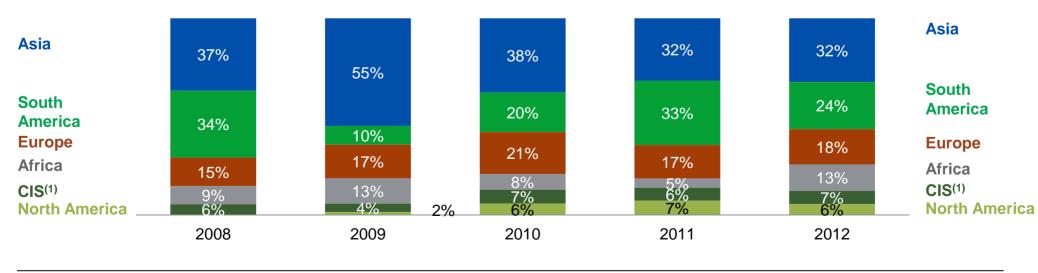


#### Flexible business model



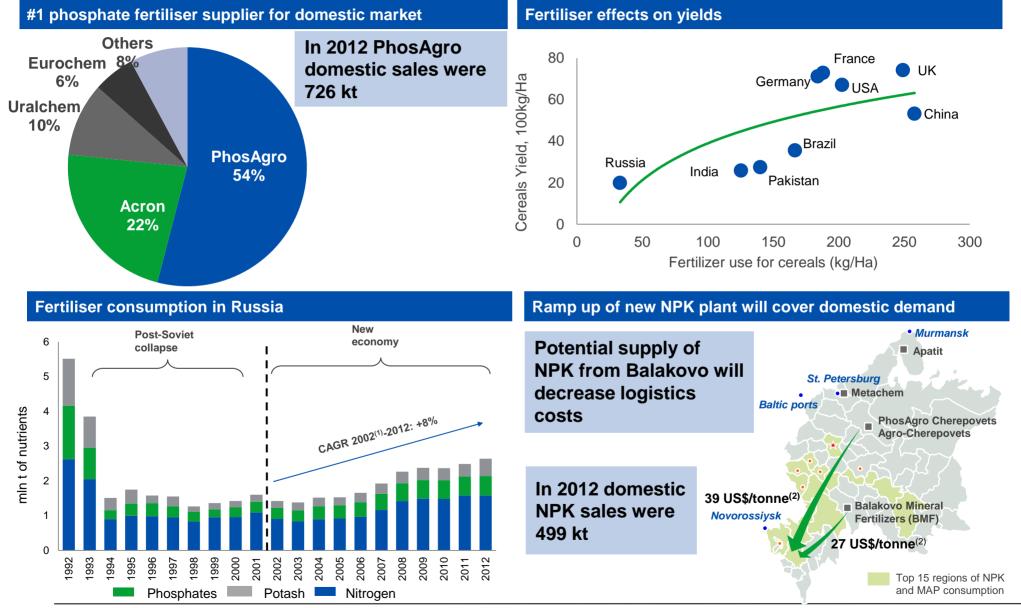
#### Phosphate-based fertilisers and feed phosphate exports by region

In volume terms





## PhosAgro - the main phosphate fertiliser supplier for domestic market



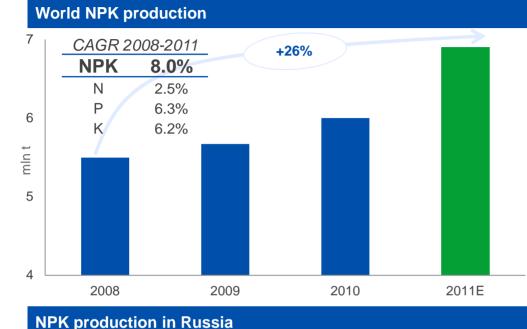
Source: IFA, World Bank, Azotecon, PhosAgro

Note: (1) First full year of PhosAgro operations

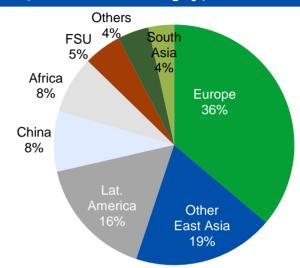
(2) Current railway tariff for transportation of one tonne of fertilisers to Krasnodar / Stavropol regions



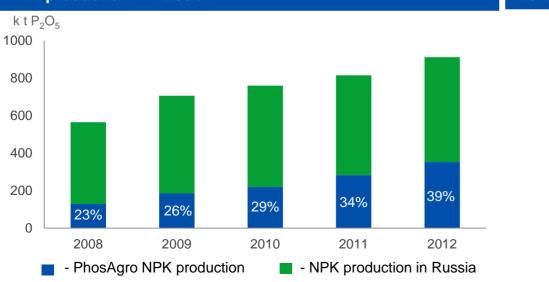
## PhosAgro's flexible model meets global demand for NPK



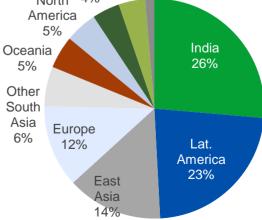
#### World NPK imports: ~2 mln t of P<sub>2</sub>O<sub>5</sub> per annum<sup>(1)</sup>



#### World DAP/MAP imports : ~8.5 mln t of $P_2O_5$ per annum<sup>(1)</sup>

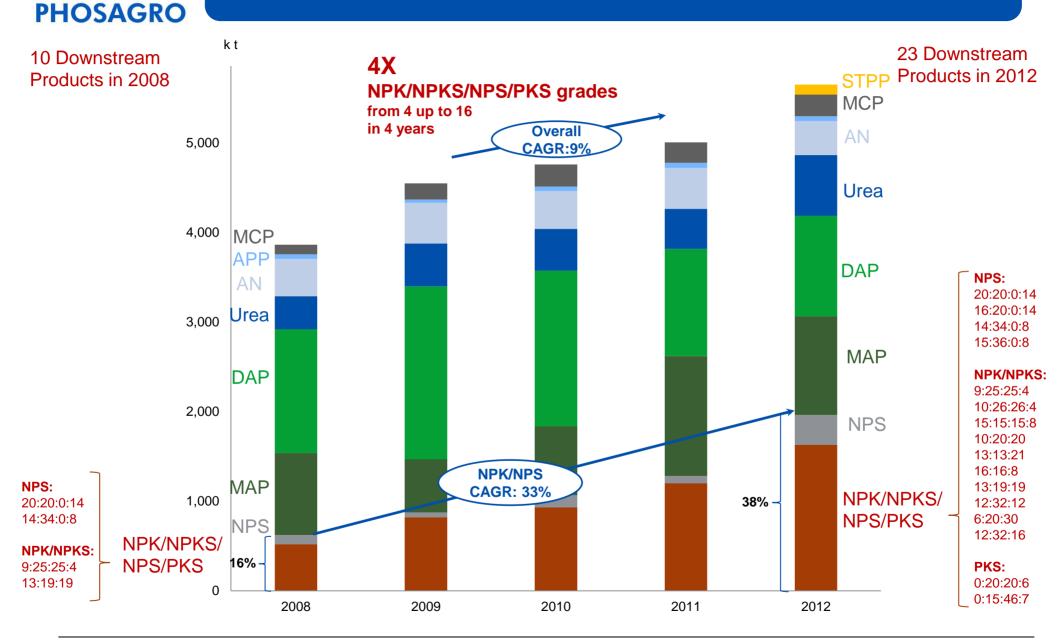


Middle Africa East FSU North 4% 1% America



Source: IFA, Azotecon, PhosAgro Note: (1) Average figures for 2005-2010

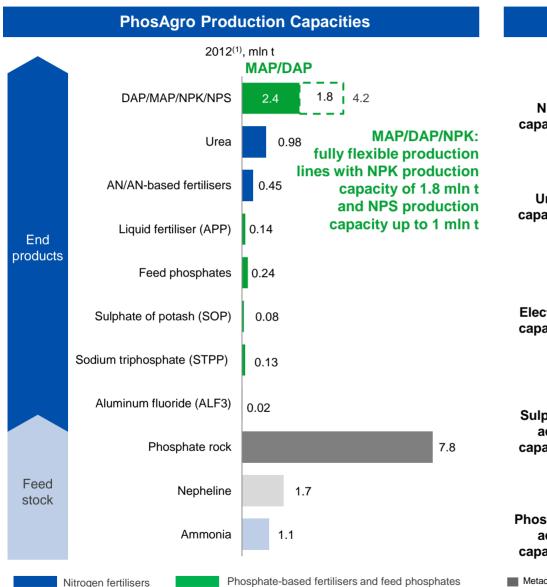
## NPK High Margin Demand Drives PhosAgro's production mix



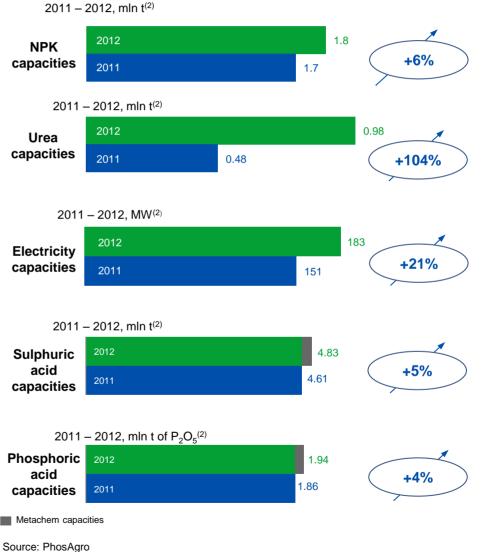
Note: as of 31 December 2012



## **Flexible Production Capacity**



#### Capacity Growth 2011-2012



Source: PhosAgro

## 3. Financial Overview

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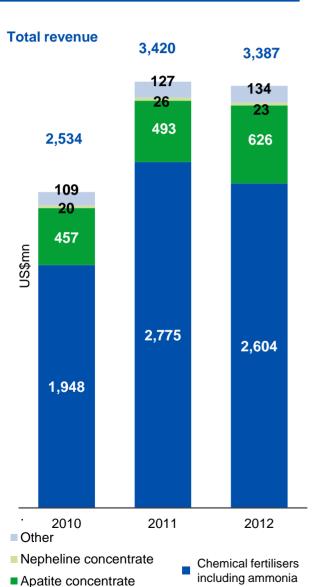
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## Key Financial Highlights

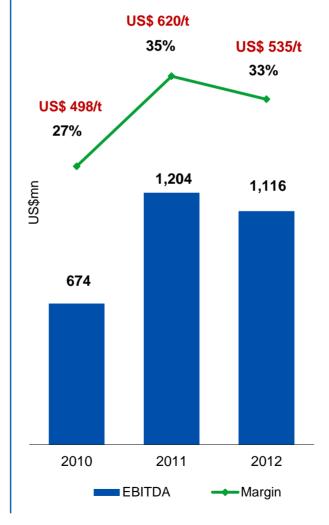
Net Income (FY 2010-2012)



Revenue (FY 2010-2012)

#### EBITDA (FY 2010-2012)

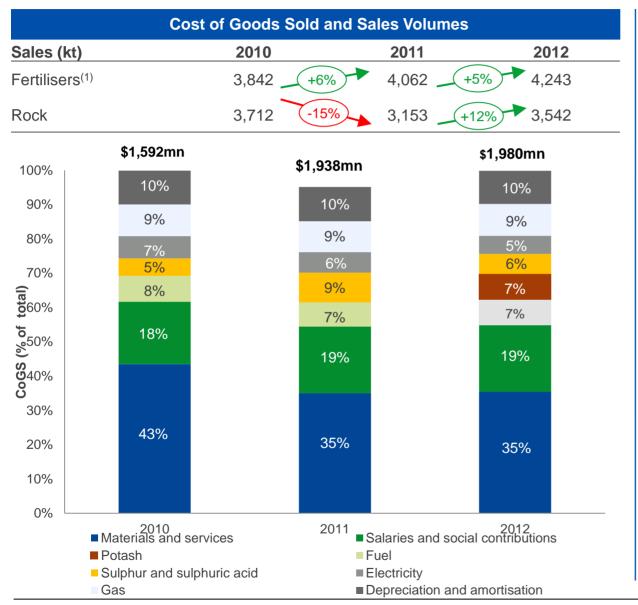
#### DAP FOB Tampa



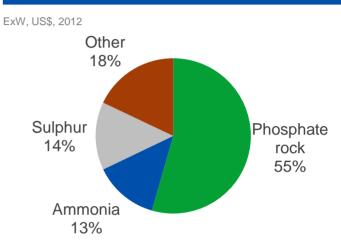
23% 22% 16% US\$mn 788 765 395 2012 2010 2011 ----Margin Net Income



### Cost of Goods Sold







Source: PhosAgro

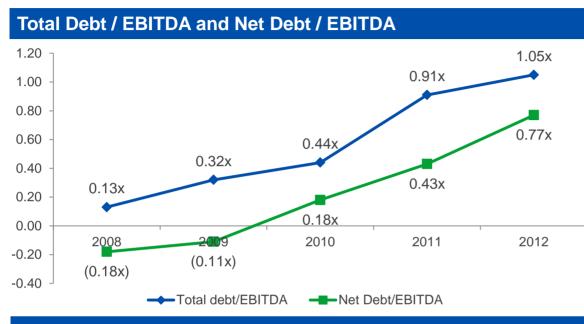
Note: Excluding change in stock of WIP and finished goods. Applied average USD/RUB exchange rates:

30.37 (2010), 29.39 (2011), 31.09 (2012)

(1) Phosphate-based fertilisers and feed phosphate (MCP)







#### **Public Debt**

#### Eurobonds issued on February 2013 (LPN)

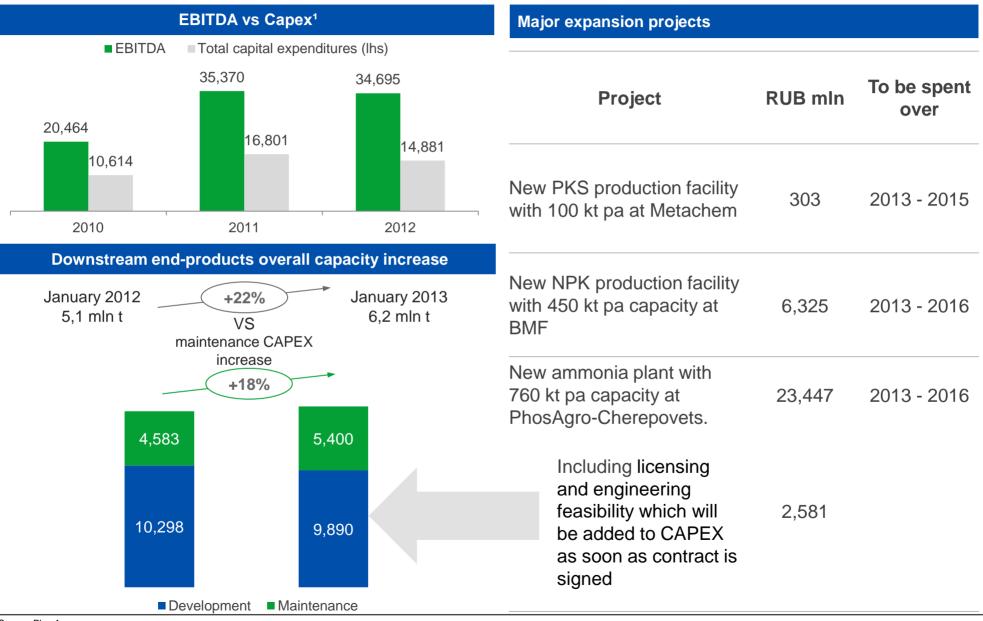
Issue size		\$	US 500 mln
Corporate ratings	Baa3 Moody's	BBB-/Stable S&P	BB+ Fitch
Tenor			5 years
Coupon frequency		Se	mi annually
Spread		•	s+ 320 bps; + 335.8 bps
Coupon rate			4.204%
Maturity Date			02/13/2018

#### Comment

- Net debt / EBITDA remains at very comfortable level of 0.77x
- PhosAgro carefully manages its balance sheet and cost of financing for all current initiatives, including both the consolidation of subsidiaries and growth projects
- Successfully raised low-cost, long-term financing with our debut USD 500 mln 5year Eurobond with a coupon rate of 4.204% in February 2013
- A group of PhosAgro shareholders completed a secondary public offering of existing shares and GDRs, which was followed by an additional share issue by PhosAgro in which the selling shareholders re-invested 45% of the proceeds from the SPO, giving the Company an additional USD 211 million of financing in April 2013



## CAPEX 2013



Source: PhosAgro



## **Dividend Policy**

	Post-IPO dividends RU	<sup>r</sup> share, B	per GDR, US\$
	2011 April-December	57.5	0.61
Dividends	9M 2012	63	0.67
	Final 2012 Dividend Recommended	19.9	0.21
	2012 Total	82.9	+44% 0.88
	Post-IPO dividends paid		Dividends, RUB bln
Total paid	2011		7.2
	2012		7.8
	Total		15.0

- Dividend per share increased 44%
- Dividend policy aimed at paying dividends of between 20% and 40% of annual consolidated net income
- Post-IPO dividend yield > 7%\*

 calculated in accordance with IFRS

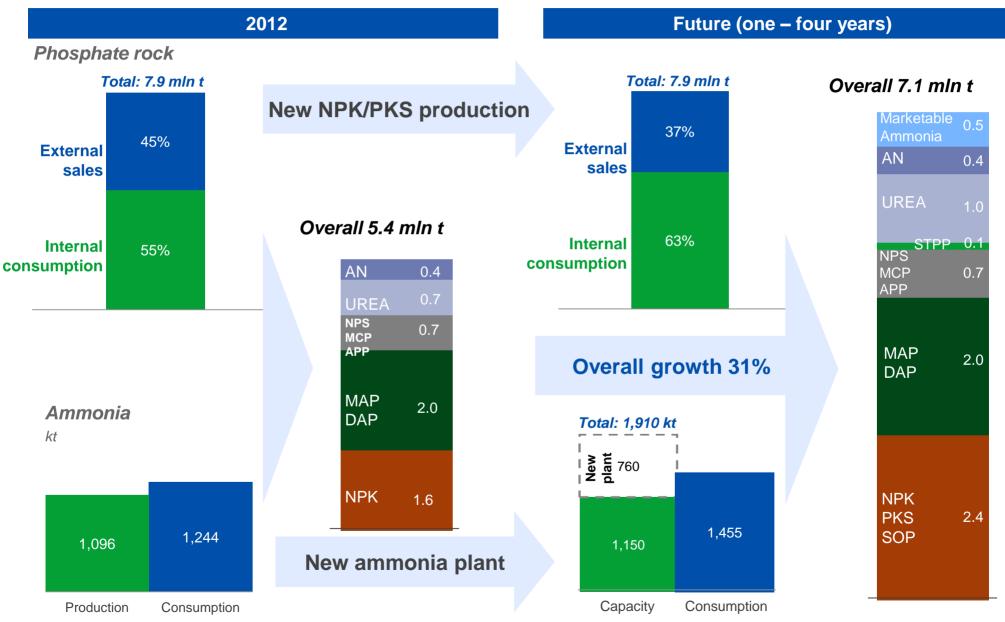
- Total post-IPO payout ratios: 49% from net profit attributable to shareholders; 42% from total net profit
- Board of Directors has recommended RUB 2.5 bln final dividend for 2012

## 4. Future potential

S.V



## Long term strategy for volume growth of fertilisers



Source: PhosAgro



2012

Long-term NPK potential



Overall: 12 mln t Total: 5.4 mln t AN 0.4 UREA NPS 0.7 MCP APP NPK 12.0 MAP PKS 2.0 DAP Total: 1.86 mln t Phosphoric acid Total: 1.9 mln t Total: 1.1 mln t New 1.5 Phosphoric acid 0.8 Ammonia Ammonia NPK 1.6 0.9 1.94 1.1 0.36 0.2 MOP MOP 3.0 0.6







