



## **Morgan Stanley Global Chemicals Conference**

14-15 November 2012, Boston



# PHOSAGRO

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## PhosAgro at a glance

World class integrated phosphate producer

- #1 global producer of high-grade phosphate rock  $(P_2O_5>35.7\%)$  with 7.8 mln t capacity
- #2 global DAP/MAP producer<sup>(1)</sup> with 3.6 mln t capacity and DAP/MAP/NPK/NPS capacities of 4.1 mln t
- Leading European producer of MCP feed phosphate and the only one in Russia

Large high quality apatite-nepheline resources

- 2.1 bln t of apatite-nepheline ore resources<sup>(2)</sup> (over 75 years of production)
- Al<sub>2</sub>O<sub>3</sub> resource of 283 mln t
- Substantial resources of gallium oxide, TiO<sub>2</sub> and rare earth oxides (41% of Russian resources and 96% of the currently developed(3))

**Self-sufficiency** in key feedstocks provides for low costs

- First quartile cash cost of production globally
- 100% self-sufficient in phosphate rock and 92% in ammonia
- Local low-cost supplies of sulphur and potash

Strong position in prime agricultural markets

- Established presence through traders in North and South America, Asia and Europe
- Top-3 exporter of DAP/MAP globally
- Leader in the fast-growing Russian market

**Strong financial** performance

- EBITDA of \$1,204 mn and \$559 mn in 2011 and in H1 2012, respectively
- Net debt/EBITDA: < 0.5x</p>

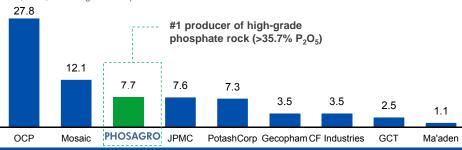
Note: (1) Excluding Chinese producers

- (2) PhosAgro, IMC
- (3) Russian Academy of Science

Source: FERTECON, IFA, companies data, PhosAgro

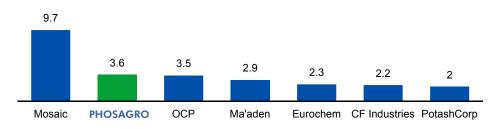
#### Leading global phosphate rock producers (by production)

2011, mln t, excluding Chinese producers

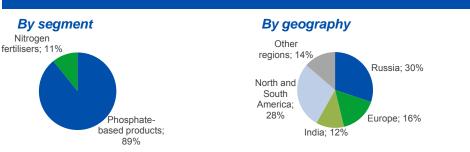


#### Leading global DAP/MAP producers (by capacity)

2012, mln t, excluding Chinese producers



#### 2011 sales breakdown



2011 Sales: \$3,420 mln

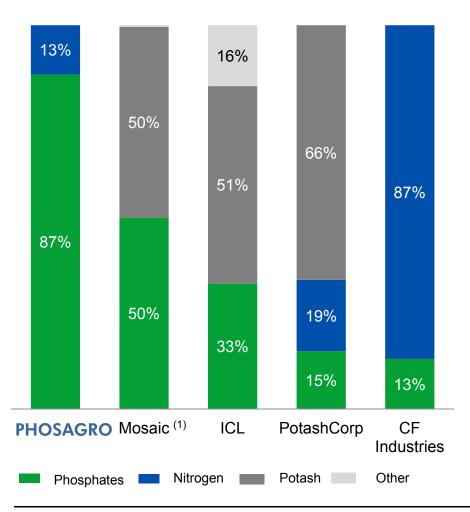
Source: FERTECON, companies' data



## The only pure play phosphates producer

#### Gross profit breakdown by segment

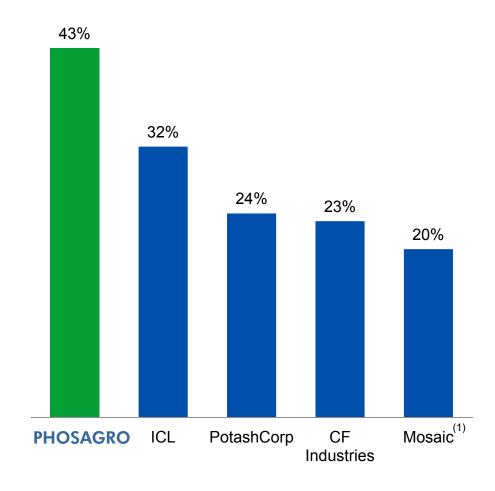
Average gross profit breakdown by segment for 2008-2011



Source: Companies' reports Note: (1) Calendarised

#### Phosphate segment gross profit margin

Average gross profit margin of phosphate segment for 2008-2011



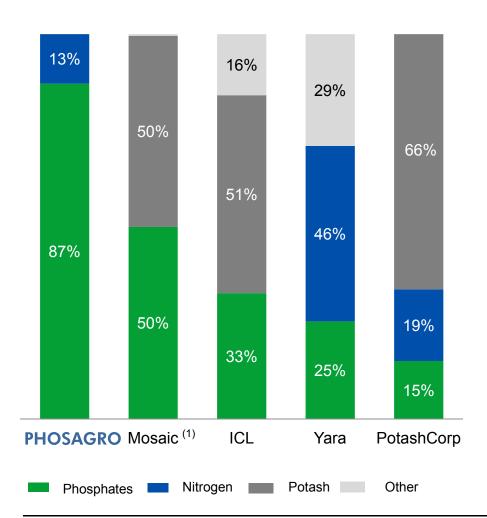
Source: Companies' reports Note: (1) Calendarised



## The only pure play phosphates producer

#### Gross profit breakdown by segment

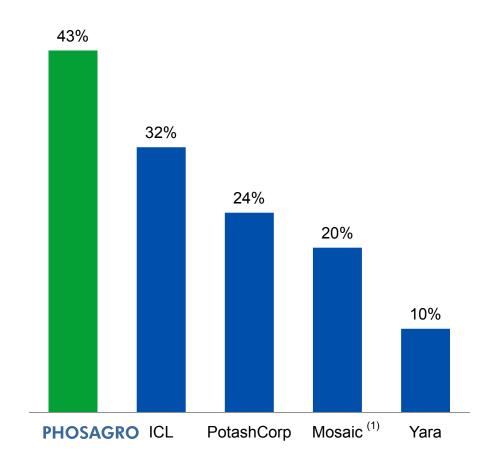
Average gross profit breakdown by segment for 2008-2011



Source: Companies' reports Note: (1) Calendarised

#### Phosphate segment gross profit margin

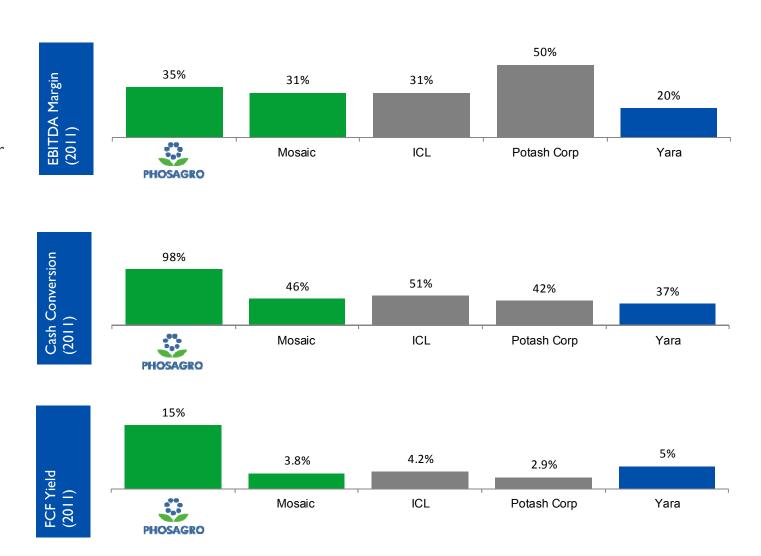
Average gross profit margin of phosphate segment for 2008-2011



Source: Companies' reports Note: (1) Calendarised

## PhosAgro Benchmarks Favourably Against Key Competitors

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







## Phosphorus is essential for life

## **Technical phosphates – 9%<sup>(1)</sup>** • Synthetic detergents Metal treatment Water treatment · Lithium phosphate for hybrid and electric vehicle batteries · Personal care products Cheese Processed meat



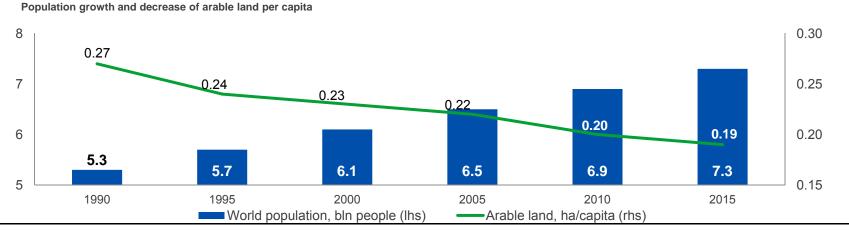
Source: FERTECON

Soft drinks

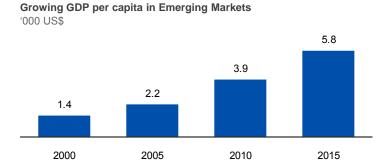


## Strong demand fundamentals for fertilisers

Phosphate is the most important nutrient for distressed land



Meat consumption is driving demand for phosphatebased fertilisers and feed phosphates

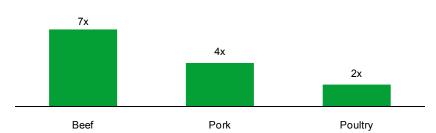






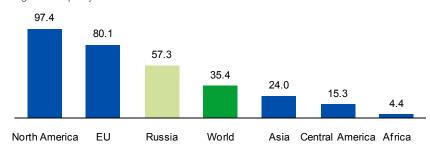
#### Animal feed a key driver for grain consumption

kg of grain required to produce 1 kg meat



#### Meat Consumption by Region

kg meat/capita/year





## Phosphorus is essential for life

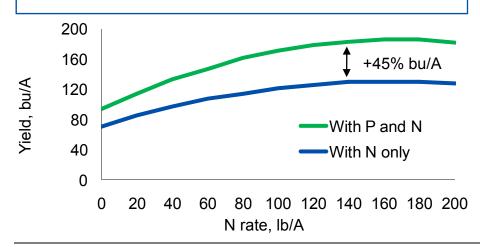
#### Fertilisers – 85%<sup>(1)</sup>



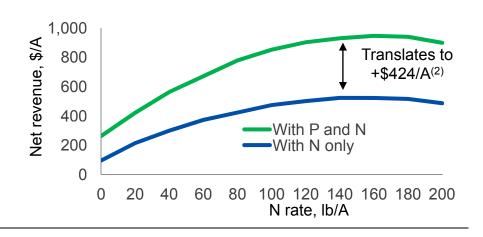
Without phosphate fertilisers

With phosphate fertilisers

### Effect of phosphate and nitrogen fertilisers on corn yield



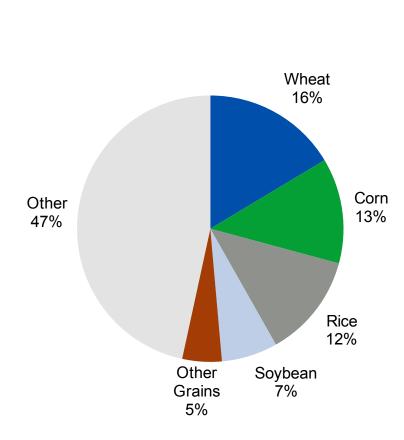
## Effect of phosphate and nitrogen fertilisers on net farmer revenue



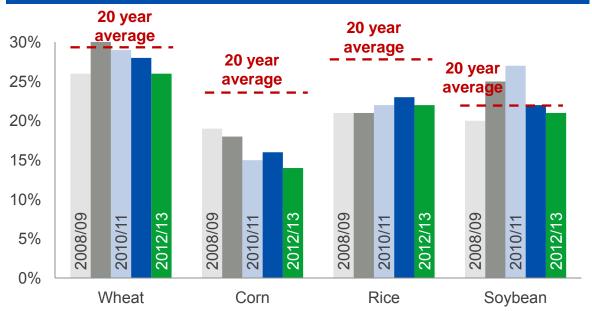


## Stock-to-use ratios for the key phosphate-using crops are at low levels driving crop prices

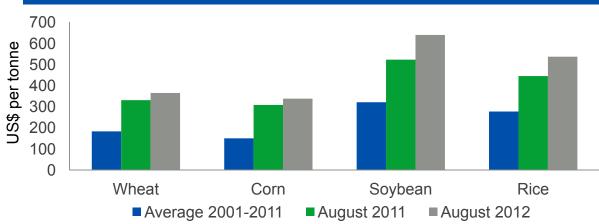
#### Phosphate fertiliser use by crop



#### World grain stocks-to-use ratios, %



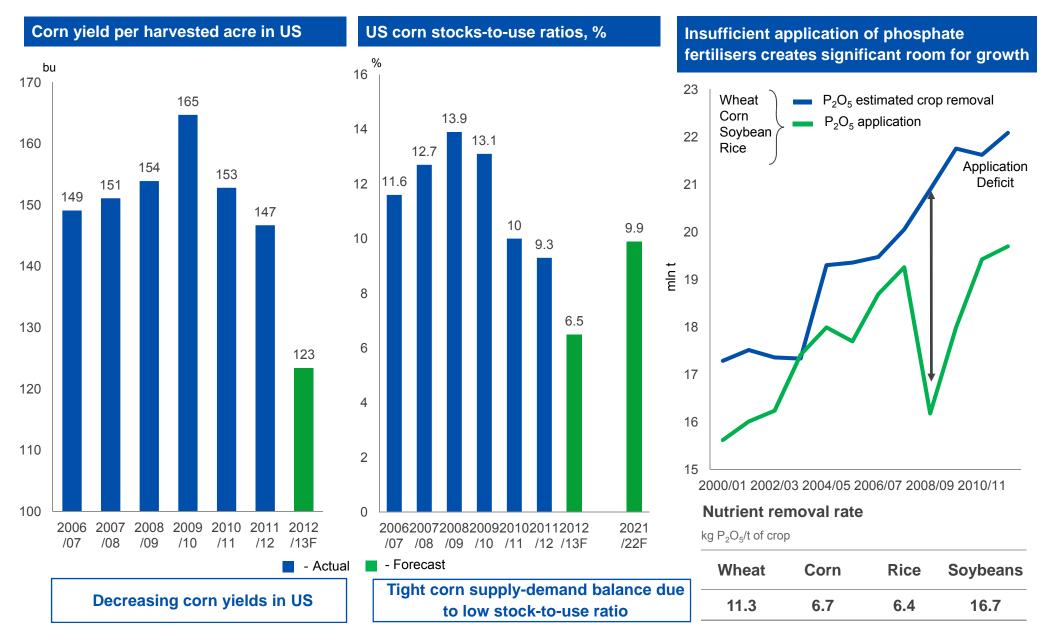
### Crop prices



Source: USDA, FAO



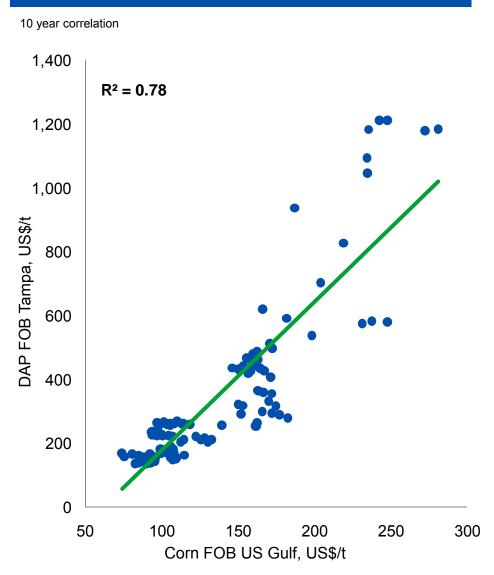
## Significant room for further growth of use of phosphate fertilisers



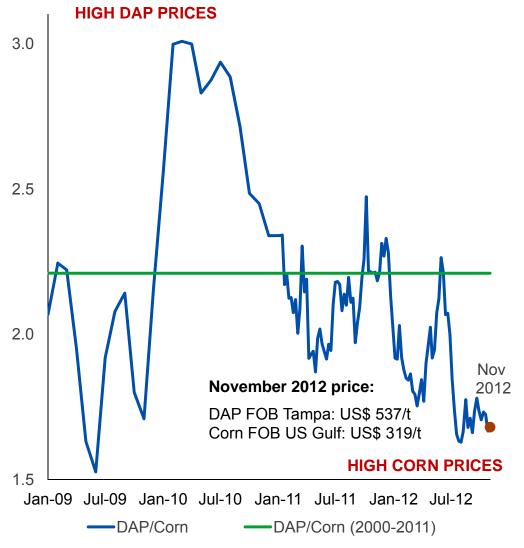


## High grain prices driven by market imbalance motivate farmers to use more fertilisers

#### **Corn prices relative to DAP Prices**



#### **Corn to DAP prices ratio**





## 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



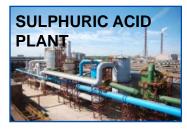
14.9 mln t (12.9% P2O5)



4.35 mln t (39% P2O5)



1.29 mln t



3.90 mln t



1.60 mln t



746 mln m<sup>3</sup>



0.68 mln t



**Outbound Logistics** 



0.75 mln t



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

#### Production/resources of phosphate rock, natural gas and sulphur

	Region	Phosphate Ro	Phosphate Rock, mln t		Natural Gas, bln cm		Sulphur, k t	
_		Production F	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

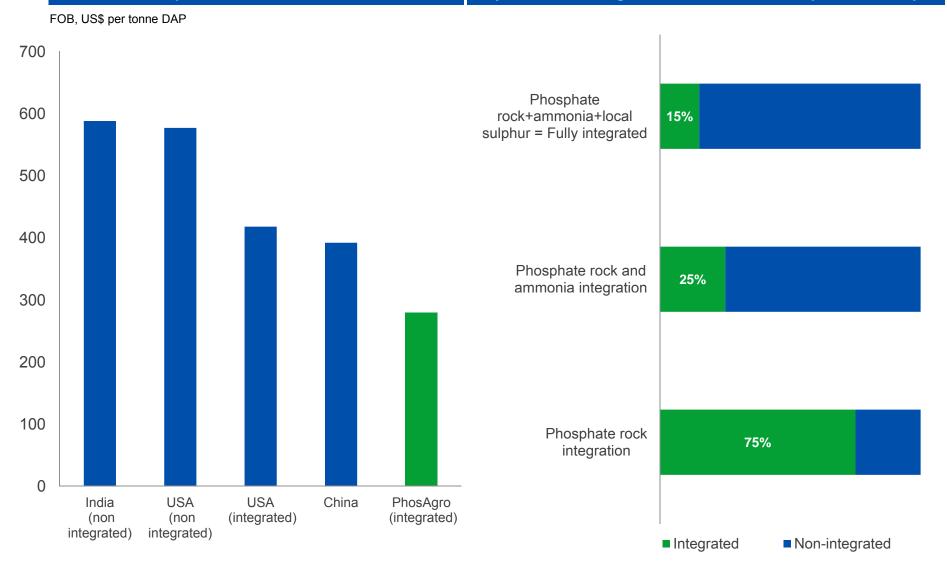
<sup>\*</sup> Ma'aden projection



## Significant cost advantage for integrated producers

#### Estimated DAP production cash costs<sup>(1)</sup>

**Key feedstock integration in the World Phosphate Industry**<sup>(2)</sup>



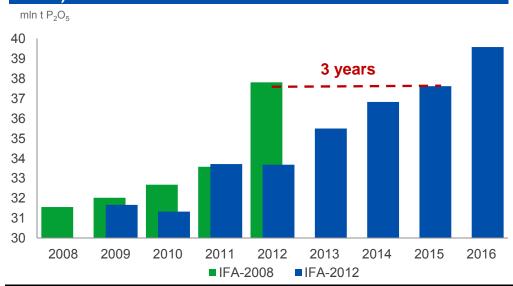


## Commissioning phosphate rock and phosphoric acid capacities

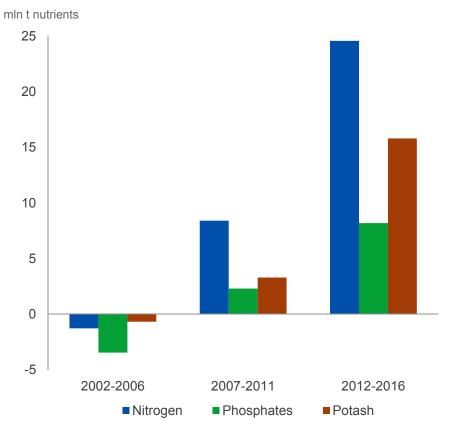
#### Delays in addition of new phosphate rock capacities (excl. China)

#### mln t 180 3 years 170 160 3 years 150 140 130 120 2008 2009 2010 2011 2012 2013 2014 2015 2016 ■IFA-2012 ■IFA-2008

## Delays in commissioning phosphoric acid capacities (excl. China)



#### Changes in world fertiliser capacities (excl. China)



- Less new projects are announced in phosphates
- Commissioning of new capacities is delayed
- Shutdown in phosphate fertiliser capacities was more significant while less new commissioning in the past 5 years in comparison with nitrogen and potash sectors



## Greenfield plant – costs case-study

Production facilities  Capacity – mln t / year	Ma'aden	PHOSAGRO	
Phosphate rock mine	12.0	26.6	
Beneficiation plant	5.0	7.8	
Sulphuric Acid Plant	4.7	4.6	
Phosphoric Acid Plant	1.5	1.9	
Ammonia Plant	1.1	1.1	
DAP Plant	2.9	4.1	
Key products	DAP	MAP, DAP, NPK, NPS	

Ma'aden – total est. CAPEX<sup>(1)</sup>: US\$ 5.8bln

Construction period: 6 years +

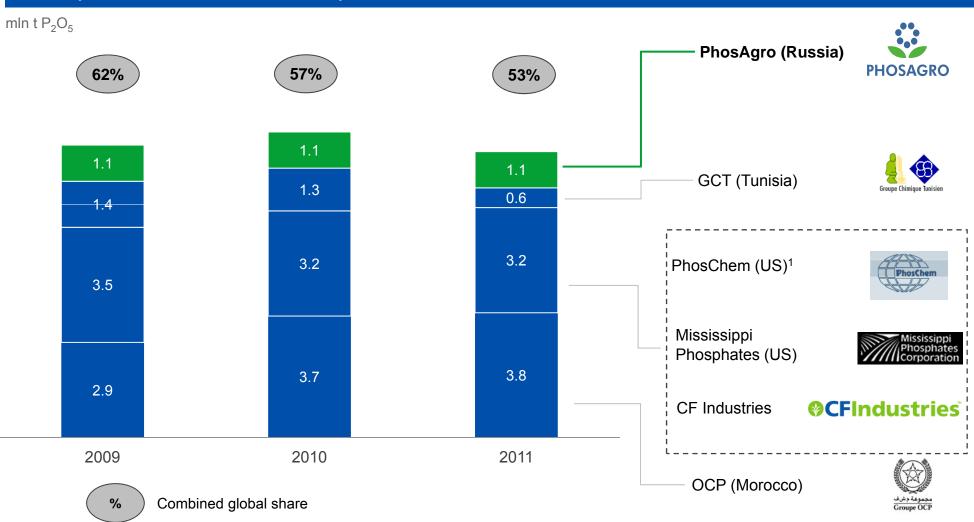
Source: PhosAgro, Ma'aden

Notes: (1) CAPEX for the Phosphate Project



## Phosphate is a consolidated industry

#### Global export volumes MAP / DAP / TSP / Phosphoric acid

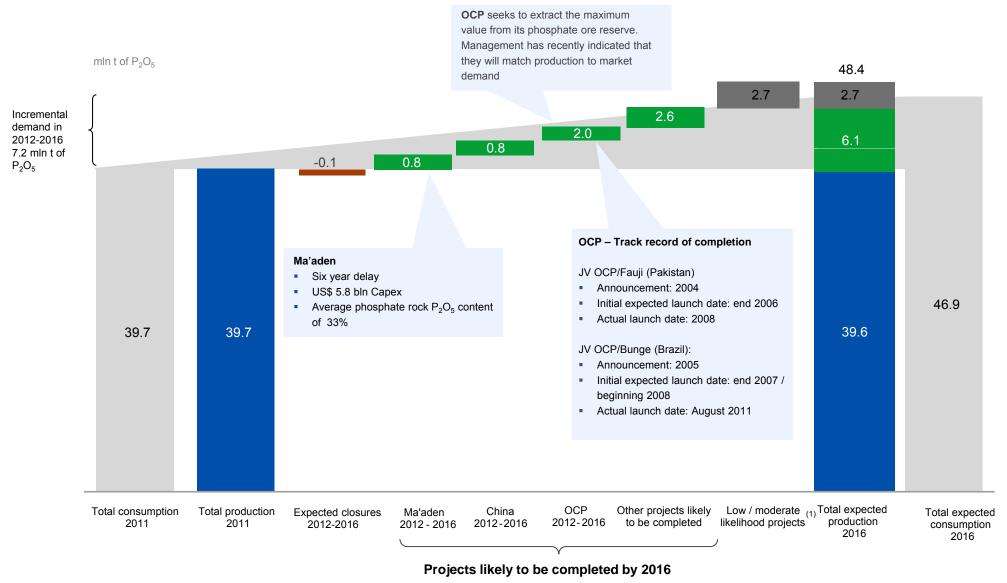


Source: Fertecon, IFA , Bloomberg, companies reports

Note: (1) PhosChem – Phosphate Chemical Export Association Inc. (Members: Mosaic, PCS)



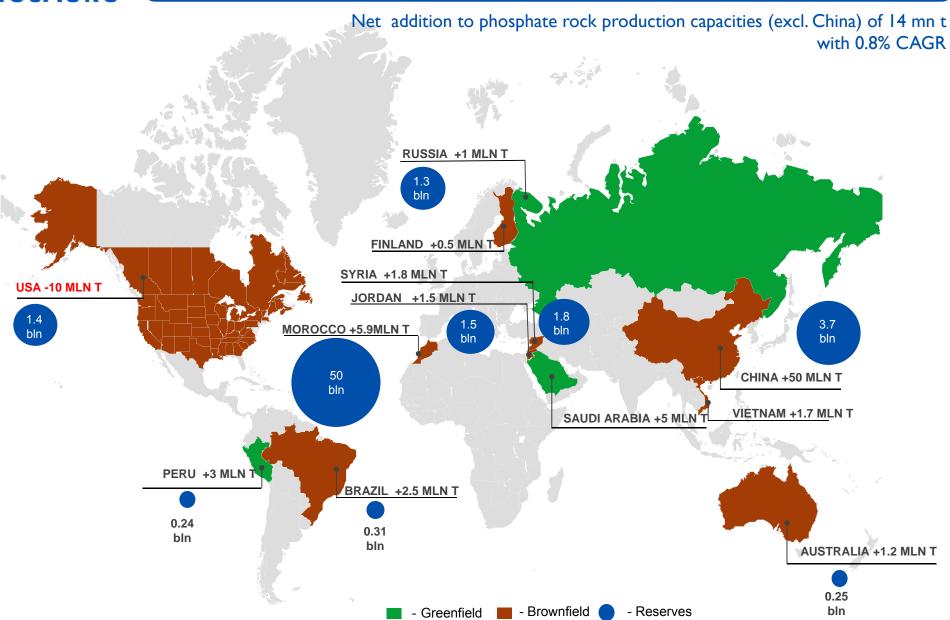
## Timing and completion of new capacities is uncertain



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



## Growth in phosphate rock production capacities 2000-2011

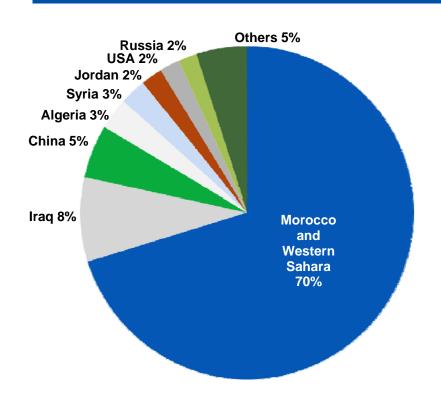


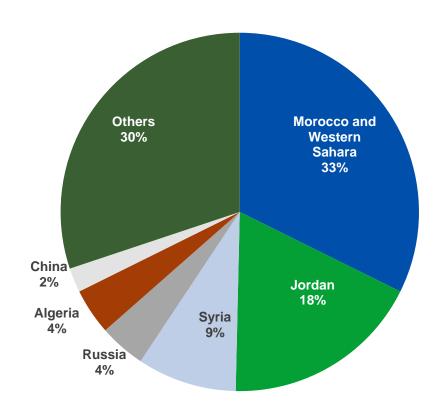


## Concentrated phosphate rock market

Morocco controls most of world phosphate ore reserves

Only few countries export phosphate rock





## Consolidation drivers

- Deposits of phosphate ore are located in a limited number of countries. And Morocco controls most of the world's phosphate ore reserves
- Only few countries export significant volumes of phosphate rock and Morocco has a substantial share in export sales of phosphate rock respectively

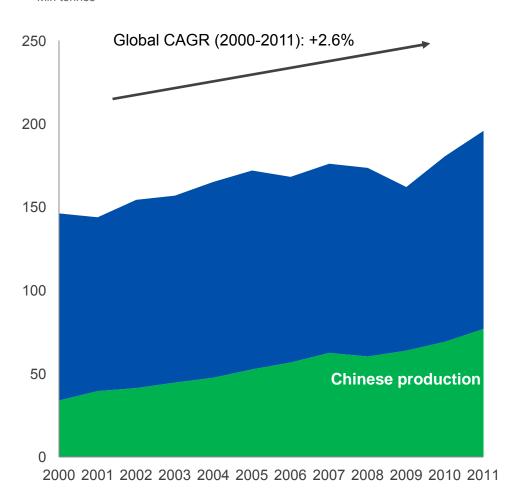
Source: USGS



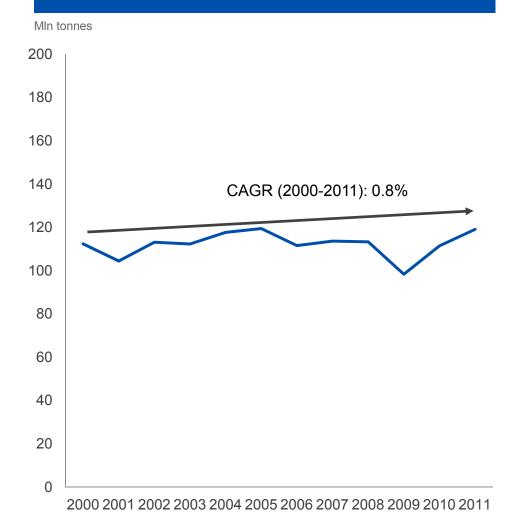
## Stagnating production of phosphates

## Global phosphate rock production is mainly driven by China ...

MIn tonnes



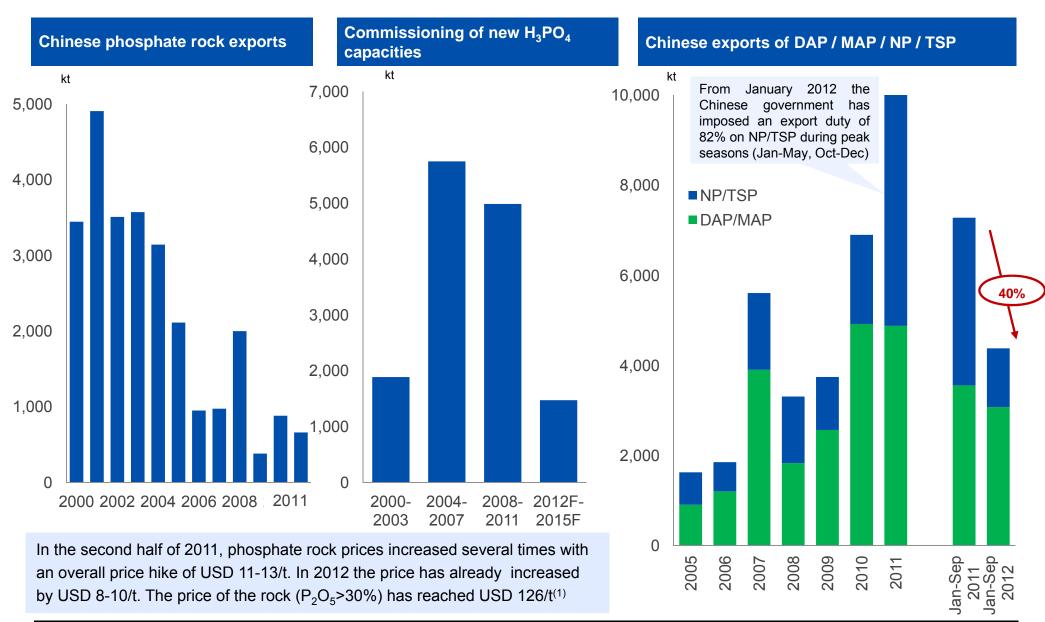
#### ... with stagnating production in the rest of the world



Source: IFA, FERTECON



## Development of Chinese phosphate exports



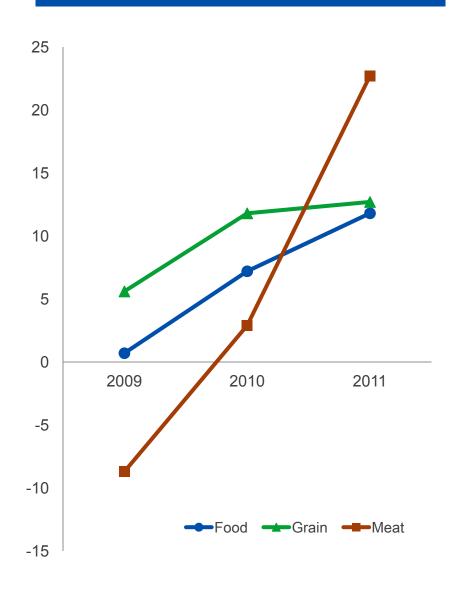
Source: IFA, CFMW

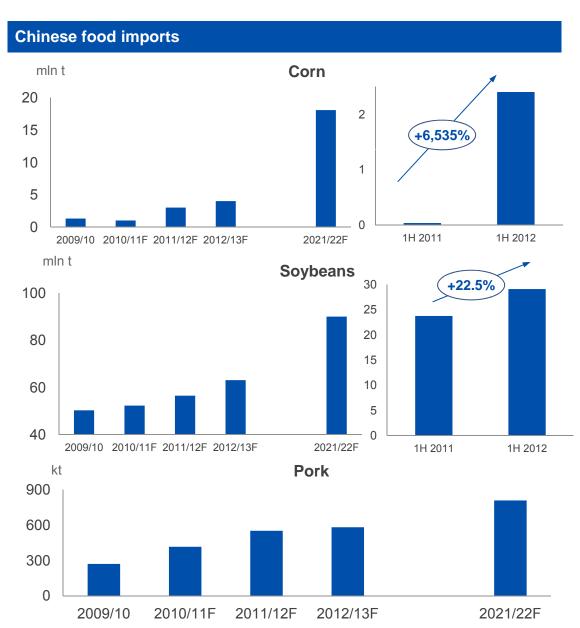
Note: (1) Applied exchange rate USD/CNY: 6.35



## Growing food demand in China

### Consumer price indices in China, %





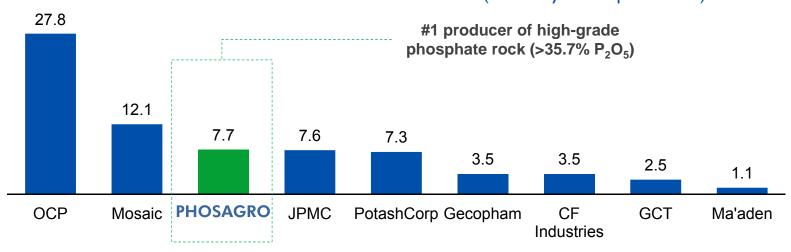




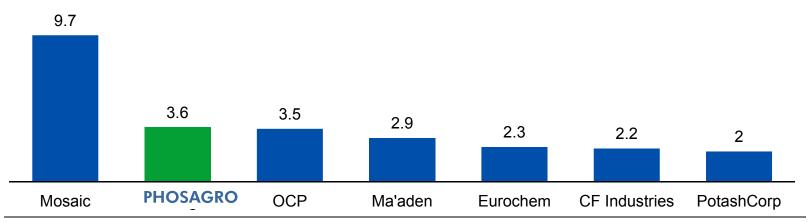
## World class integrated phosphate producer

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)



#2 global DAP/MAP producer(1) with 3.6 mln t capacity



Source: FERTECON, IFA, companies' data Note: (1) In 2012, excluding Chinese producers



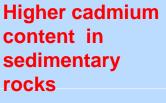
## Control of world's premium phosphate resource base

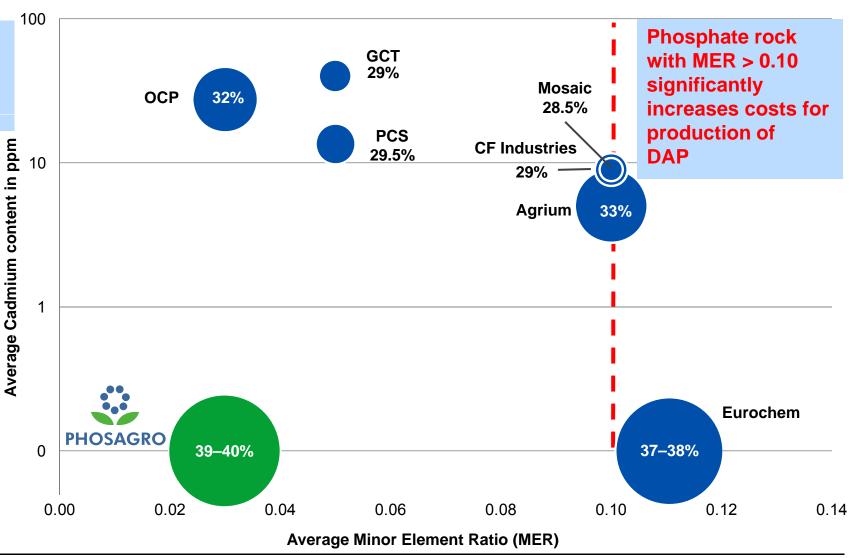
Location <sup>(1)</sup>	PHOSAGRO	* Morocco	USA	Jordan	*: China	<b>©</b> Tunisia
Al <sub>2</sub> O <sub>3</sub> content	13.0-14.0% High	Very low	Very low	Very low	Very low	Low to moderate
Ore type	Igneous	Sedimentary	Sedimentary	Sedimentary	Sedimentary	Sedimentary
Level of radioactivity	Very low	Moderate	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
World Phosphate Rock Reserves, billion t	2.1	50	1.4	1.5	3.7	0.1

Note: (1) primary global DAP/MAP producing regions Source: FERTECON, IMC, USGS 2011



## Control of world's premium phosphate resource base



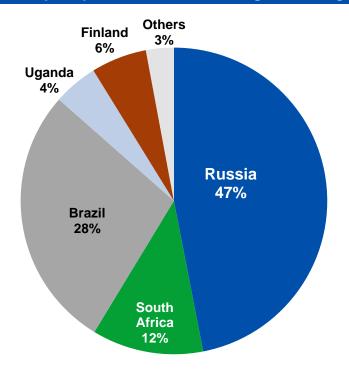


Note: Size of the bubble represents  $P_2O_5$  content in phosphate rock in excess of 28%, which is recognized as a minimum for production of high quality phosphate fertilisers Source: FERTECON, PhosAgro, companies' data

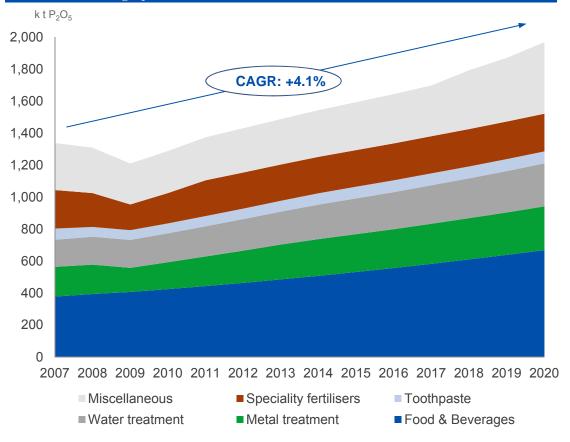


## Growth in demand for igneous phosphate rock

#### World phosphate ore reserves of igneous origin



## Consumption of phosphates for industrial chemicals and feed phosphates, $P_2O_5$



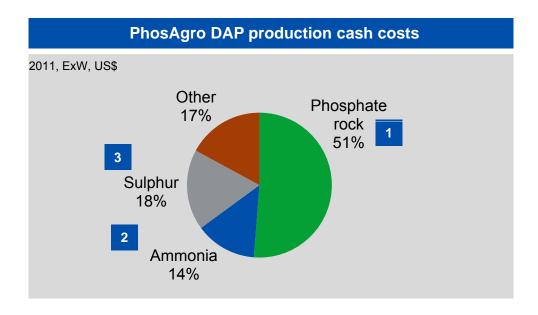
### **Prospects for growth**

- Phosphate rock of igneous origin is applied as a feedstock for industrial chemicals and feed phosphates due to the lowest radioactivity level, low heavy metals and cadmium content in comparison with phosphate ore reserves of sedimentary origin
- As production of industrial phosphates and food additives will grow, the increase in demand for phosphate rock of igneous origin is expected for the applications other than fertiliser production

Source: IFDC, CRU 29

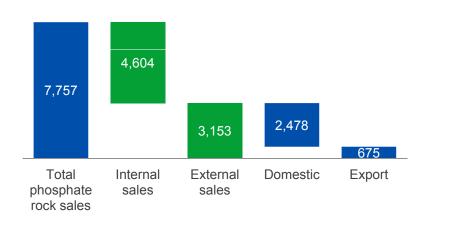


## Self-sufficiency in key feedstocks



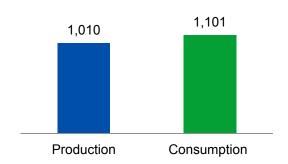


2011, kt



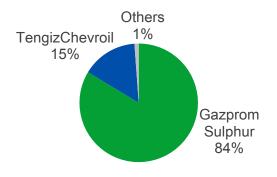


2011, kt



### 3 Sulphur: access to local supplies

Sulphur suppliers in 2011



Source: PhosAgro



### Flexible business model

#### Flexible business model

FLEXIBLE PRODUCTION CAPABILITIES

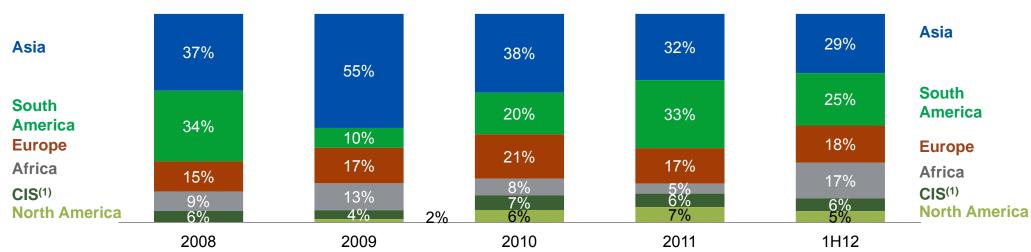
LOGISTICS ALTERNATIVES

NETBACK-DRIVEN
SALES
PRIORITISATION
SYSTEM

EXPORT SALES NOT TIED TO OVERSEAS DISTRIBUTION NETWORK

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

In volume terms

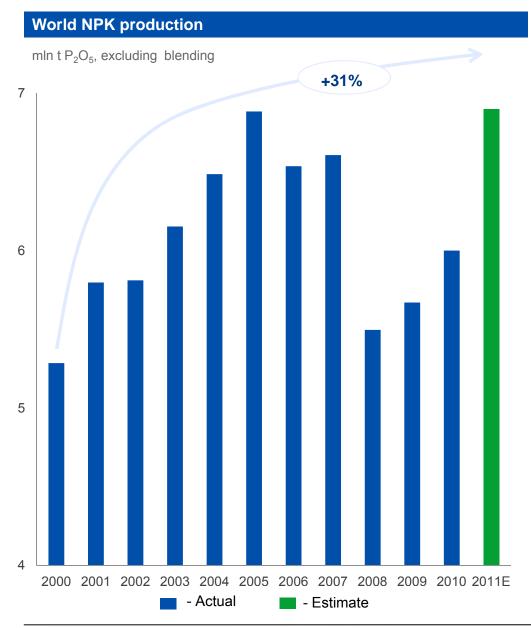


Source: PhosAgro

Note: (1) Excluding Russia

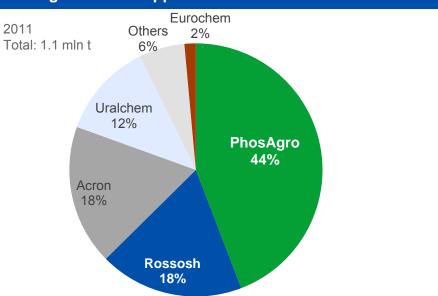


## NPK fertilisers - the need to increase yields by balanced fertilisation



#### **NPK** production in Russia $k t P_2 O_5$ 800 700 600 500 400 300 200 100 34% 29% 24% 23% 26% 20% 0 2006 2007 2008 2009 2011 2010 - PhosAgro NPK production - NPK production in Russia

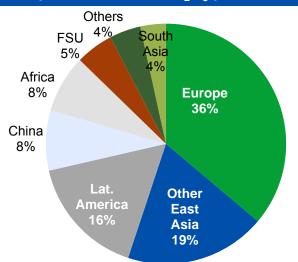
#### PhosAgro – main supplier of NPK to the domestic market



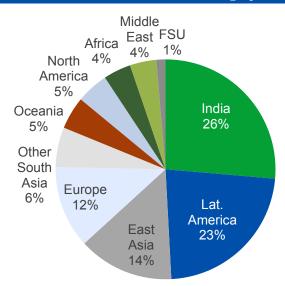


## PhosAgro flexible model meets global demand for NPK

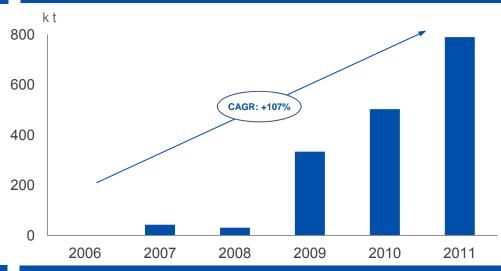
### World NPK Imports: ~2 mln t of P<sub>2</sub>O<sub>5</sub> per annum<sup>(1)</sup>



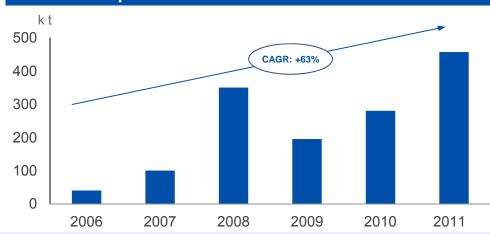
### World DAP/MAP Imports: ~8.5 mln t of P<sub>2</sub>O<sub>5</sub> per annum<sup>(1)</sup>



#### **PhosAgro NPK Exports**



#### **Brazil NPK Imports**



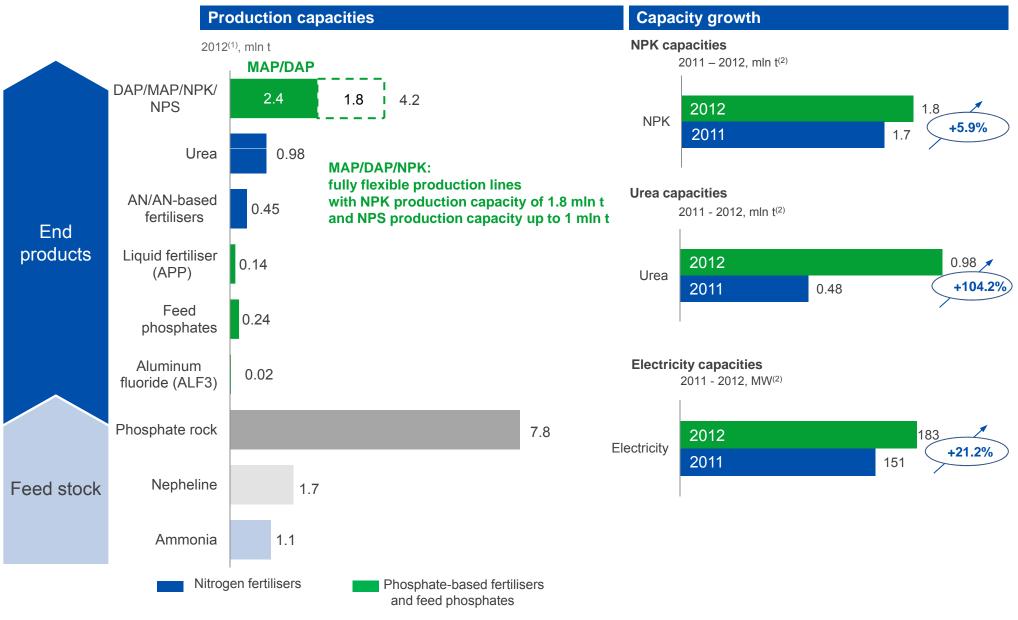
- Reliable sources of nitrogen and phosphates are critical in the economics of granular NPKs. They are rarely found in the same place.
- PhosAgro exports NPK fertilisers to developed as well as to fast growing markets

Source: IFA, FCC, PhosAgro

Note: (1) Average figures for 2005-2010



## Organic growth through addition of new capacities

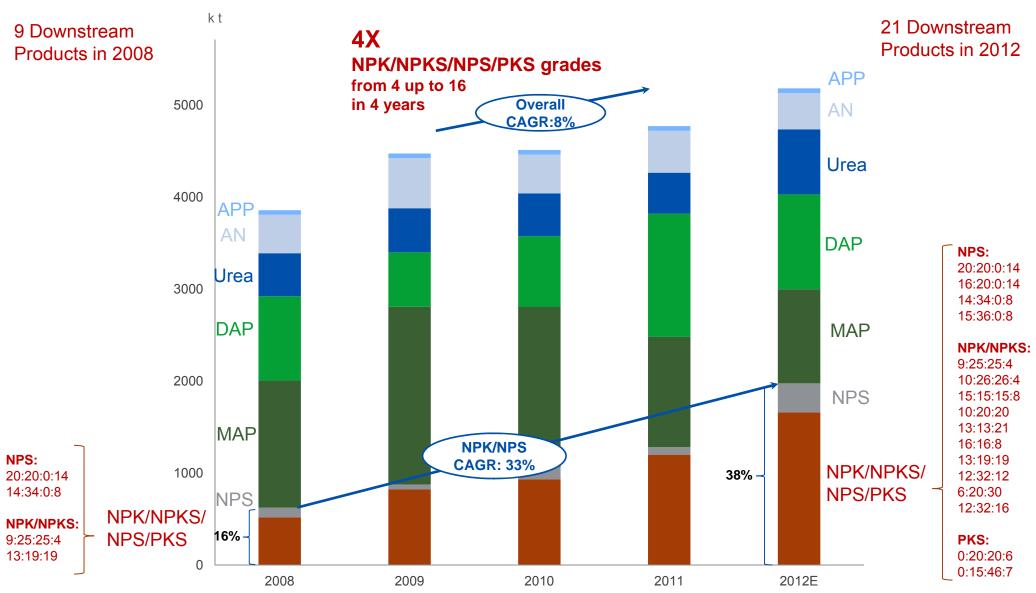


Source: PhosAgro

Note: (1) production capacities as of October 26, 2012 (2) as of 31 December 2011 and 26 October 2012



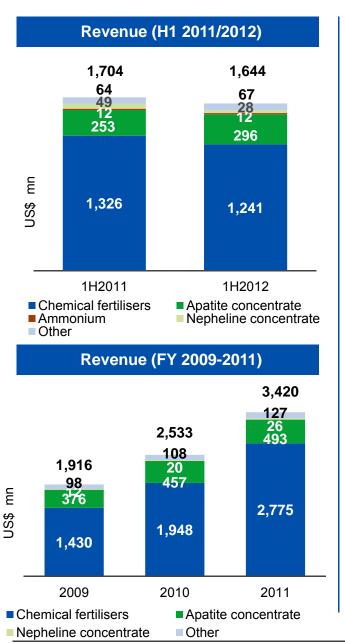
## PhosAgro increases production and flexibility with growth in number of NPK/NPS grades

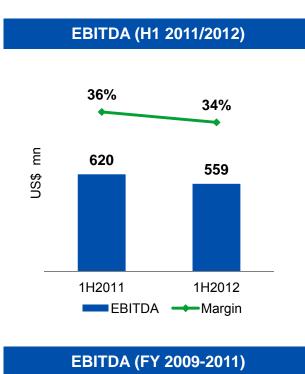


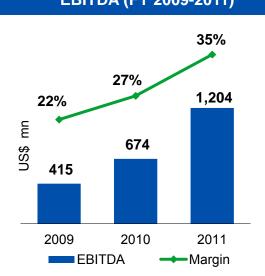




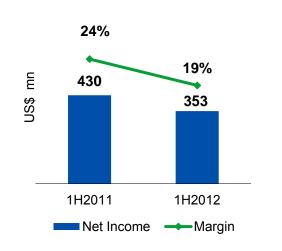
### Revenue, EBITDA and Net Income



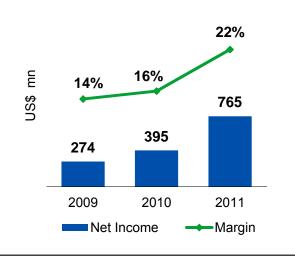




### Net Income (H1 2011/2012)



#### Net Income (FY 2009-2011)

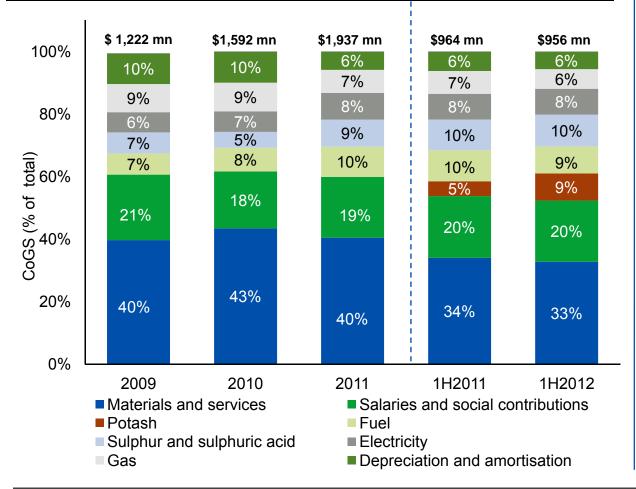




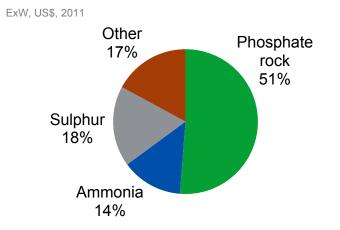
### Cost of Goods Sold

#### **Cost of Goods Sold and Sales Volumes**

Sales (kt)	2009	2010	2011	1H2011	1H2012
Fertilisers(1)	3,635	3,842	4,062	1,992	2,123
Rock	2,807	3,712	3,153	1,588	1,677

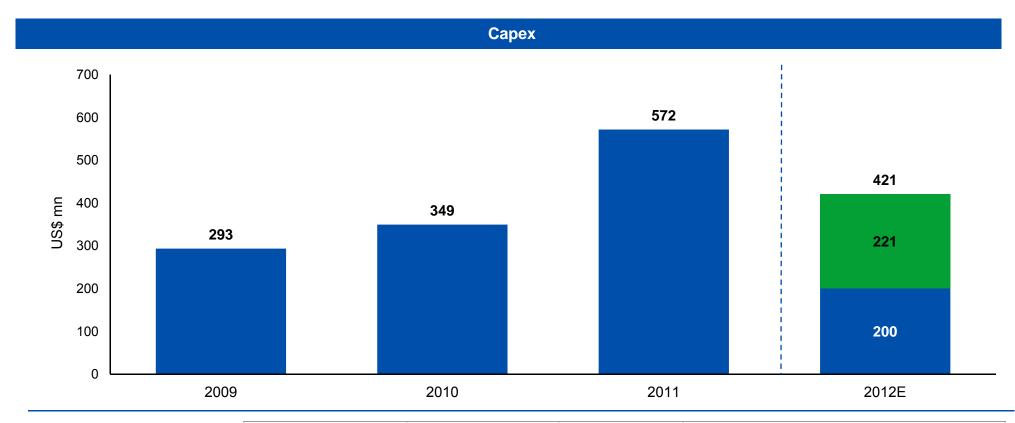


#### DAP production cash cost breakdown





# Capex and Dividend Policy



### **Dividends**

Post-IPO dividends	Dividends,	% of Net Profit	Payout			
1 OSC II O GIVIGOTIGO	RUB bln	70 01 11011 10111	per share, RUB	per GDR, US\$		
2011 April-December	7.2	49	58	0.61		
1H 2012	4.7	56	38	0.41		
Total	11.9	52	96	1.02		

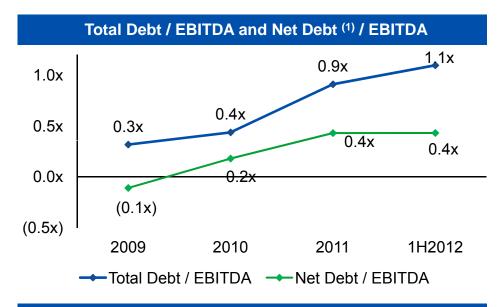
- Post-IPO dividend yield > 5%
- Formal policy to pay between 20% to 40% of annual consolidated profit calculated in accordance with IFRS as dividends

Source: PhosAgro

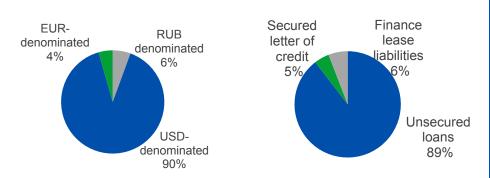
Note: Applied average USD/RUB exchange rates: 31.72 (2009), 30.37 (2010), 29.39 (2011), 30.64 (1H2012)



### Overview of Debt



### Types of debt instruments (2)



#### **Net Debt**

Actual Net Debt as of 30 June 2012	(USD in millions)
Total Debt, incl.:	1,144
Short-term debt	800
Long-term debt	344
Cash and cash equivalents	(694)
Net Debt	450

Source: PhosAgro

Note: Applied end-of-period USD/RUB exchange rate of 32.82 (H1 2012)

<sup>(1)</sup> Net debt is calculated as total loans and borrowings minus cash and cash equivalents

<sup>(2)</sup> As of June 30, 2012. Includes secured bank loans, unsecured bank loans, letters of credit and finance lease liabilities. Total loans and borrowings US\$ 1,144 mn





### Short and medium term strategy for future growth

### **Strategic objectives**

### **Key initiatives**

1 Improve efficiency

 Construction of shaft No. 2 at Kirovsky Underground Mine, which will increase annual apatite-nepheline ore production from 12 to 14 mln t from 2014

Expand fertiliser production capacity and enter higher value segments

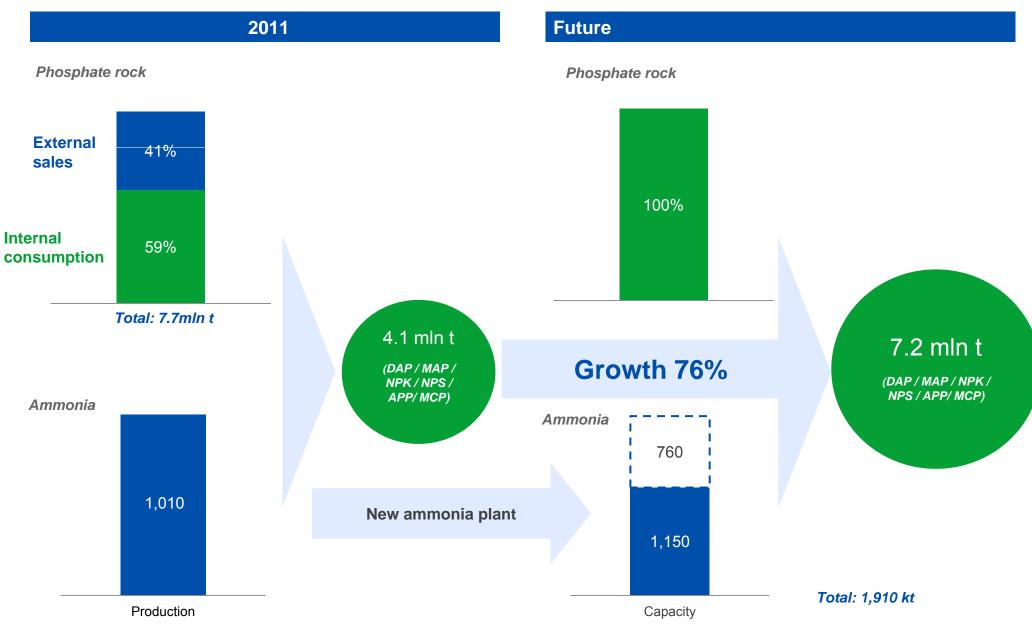
- Construction of a new ammonia plant with 760 k tonnes per annum capacity at Cherepovets site
- Enter the technical phosphates and SOP (sulphate of potash) markets through the integration of Metachem products (acquired 24% stake in the company in 2011)
- Modernization of BMF's facilities to enable production of NPK with 450 k tonnes per annum capacity

3 Realize full potential of ore

Mineral	Application	Development	Production	
	11	Stage	Today	Future
Apatit • Rare Earth Oxides	<ul><li>Autocatalysts, fuel cells</li><li>High strength magnets, ceramics</li><li>Fiber optics, lasers</li></ul>		-	7k t
Nepheline - Aluminium Oxide	Alumina, Cement, Catalysts		1.0 mln t	6.0 mln t
<ul><li>Potassium carbonate</li><li>Soda Ash</li><li>Potassium Sulfate</li></ul>	Glass production, agriculture, household chemicals		0.25 mln t	1.50 mln t
Gallium Oxide	Electronic engineering, lasers, lubricants			



# Long term strategy for volume growth of fertilisers







# Thank You







### High quality production assets

#### **Apatit**



#### Resources(1)

Apatite-nepheline ore: 2,060 mln t

Al<sub>2</sub>O<sub>3</sub>: 283 mln t REO<sup>(2)</sup>: 7.5 mln t

#### Capacity by product

Phosphate rock: 7.8 mln t

#### hlights Nepheline: 1.7 mln t

#### <u>Highlights</u>

- Largest standalone global producer of high grade phosphate rock<sup>(3)</sup>
  - Standard grade P<sub>2</sub>O<sub>5</sub> content of 39%
  - Superior grade P<sub>2</sub>O<sub>5</sub> content of 40%
- Lowest hazardous element content among the major phosphate rock producing regions; benefits from low levels of radioactivity

#### **Balakovo Mineral Fertilisers (BMU)**



Capacity by product
MAP/DAP/NPS: 1.2 mln t
Feed phosphate (MCP): 240 kt

#### **Highlights**

- Leading European producer of feed phosphate MCP
- The only Russian producer of MCP

Murmansk Kirovsk St. Petersburg Baltic ports • Cherepovets Moscow Balakovo Novorossiysk Distribution hubs Top 15 regions of NPK Export ports and MAP consumption

### PhosAgro-Trans (Transportation)

Operates about 6,000 railcars

### PhosAgro-Region (Domestic distribution)

 Owns and operates seven distribution centres in Russia located in proximity to major agricultural regions of Russia Cherepovets production complex - largest in Europe

#### **PhosAgro Cherepovets**



Capacity by product
MAP/DAP/NPK/NPS: 2.9 mln t

Ammonia: 1,150 kt AN/AN-based: 450 kt

Urea: 500 kt APP: 140 kt AIF<sub>3</sub>: 24 kt

#### **Highlights**

- Largest standalone phosphate fertilisers producer in Europe
- Largest standalone producer of sulphuric and phosphoric acids in Europe
- One of the largest standalone producers of urea, ammonia, AN/AN-based fertilisers in Russia

#### **Agro-Cherepovets**



Capacity by product
Urea: 480 kt

#### **Highlights**

 One of the largest standalone producers of urea, ammonia, AN/AN-based fertilisers in Russia

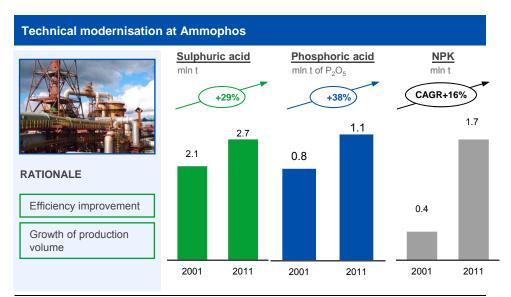
Note: (1) Measured and indicated, PhosAgro, IMC

(3) Defined as phosphate rock with P<sub>2</sub>O<sub>5</sub> content over 35.7% Source: PhosAgro (capacity as of December 31, 2011), FERTECON, European Commission

<sup>(2)</sup> Rare earth oxides

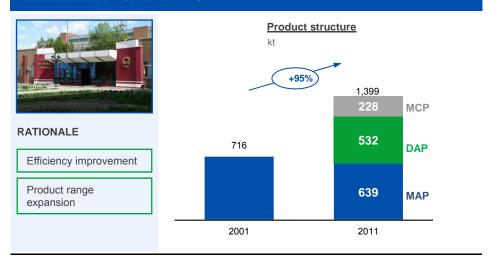


# Management with strong track record of organic growth and efficiency improvement



Source: PhosAgro

#### **Technical modernisation at BMU**



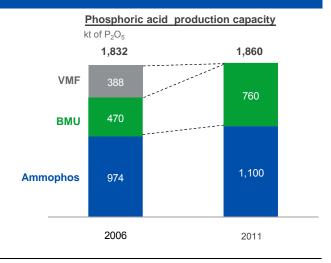
Source: PhosAgro

#### **Divestment of Voskresensk Mineral Fertilisers**



#### **RATIONALE**

Replacement of high cost old capacity with low cost new capacity



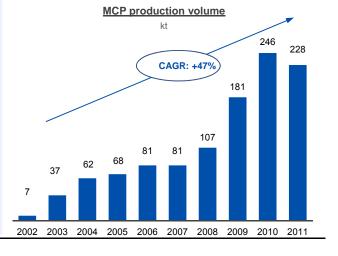
Source: PhosAgro

#### Launch of feed phosphate (MCP) production at BMU



#### **RATIONALE**

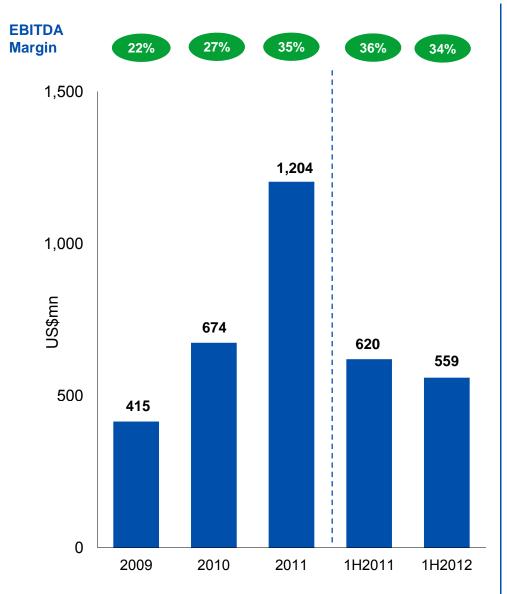
Launch of new value added product



Source: PhosAgro



### EBITDA development

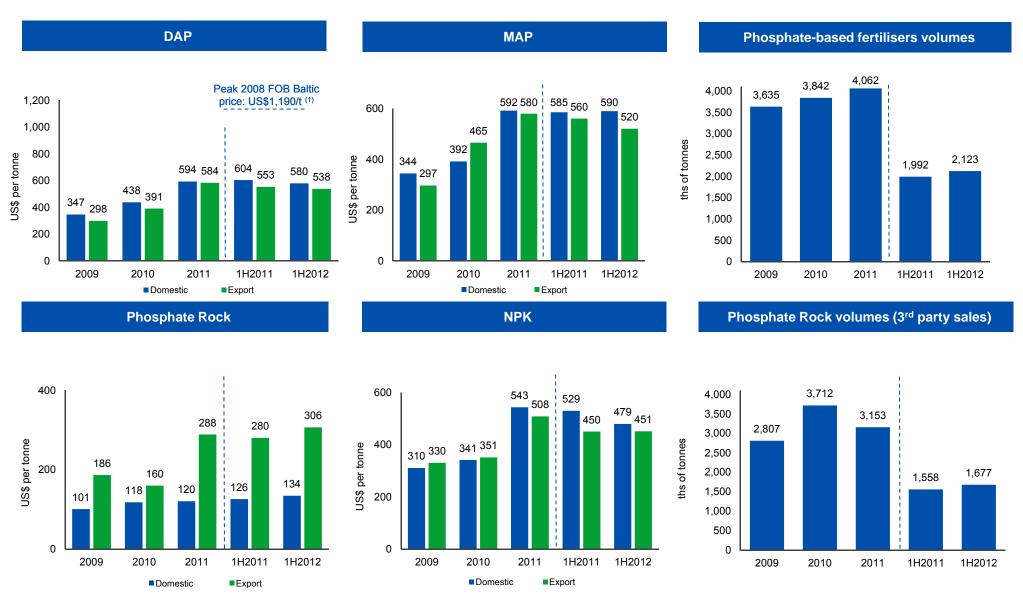


EBITDA calculation							
(RUB in millions)	2009	2010	2011	1H2011	1H2012		
Operating Profit	11,077	14,687	29,319	14,878	13,926		
D&A and impairment	4,100	5,777	6,051	2,874	3,211		
EBITDA	15,177	20,464	35,370	17,752	17,137		
Litigation provision	(1,992)	-	-	-	-		
Adjusted EBITDA	13,185	20,464	35,370	17,752	17,137		
(USD in millions)	2009	2010	2011	1H2011	1H2012		
Operating Profit	349	484	998	520	454		
D&A and impairment	129	190	206	100	105		
EBITDA	478	674	1,204	620	559		
Litigation provision	(63)	-	-	-	-		
Adjusted EBITDA	415	674	1,204	620	559		

- EBITDA is calculated as operating profit adjusted for depreciation and amortisation
- Adjusted EBITDA is defined as EBITDA adjusted to exclude items in the reporting period that the Company views as exceptional and non-recurring



### Revenue per tonne and volume developments for key products





# Consolidated income statement

(USD in millions)	2009	2010	2011	1H2011	1H2012
Revenues	1,916	2,534	3,420	1,704	1,644
Cost of Sales	(1,258)	(1,570)	(1,912)	(941)	(928)
Gross Profit	658	964	1,508	763	716
Selling, General & Administration	(295)	(387)	(196)	(207)	(225)
Other Income (Expense)	(14)	(93)	(224)	(36)	(37)
Operating Profit	349	484	998	520	454
Financial Income (Costs)	27	31	(35)	19	(1)
Profit Before Taxation	376	515	963	539	453
Income Tax Expense	(102)	(120)	(198)	(109)	(100)
Profit for the Period	274	395	765	430	353
Margin	14%	16%	22%	25%	21%
EBITDA Calculation					
Operating Profit	349	484	998	520	454
D&A and impairment	129	190	206	100	105
Litigation provision	(63)	0	0	0	0
EBITDA	415	674	1,204	620	559
Margin	22%	27%	35%	36%	34%

Source: PhosAgro (IFRS)

Note: Applied average USD/RUB exchange rates: 31.72 (2009), 30.37 (2010), 29.39 (2011), 28.62 (1H2011), 30.64 (1H2012)



# Consolidated balance sheet

(USD in millions)	2009	2010	2011	1H2012
Cash and Equivalents	186	173	526	694
Accounts Receivable	442	522	334	275
Inventory	226	253	314	331
Other Current Assets	30	108	71	78
Total Current Assets	884	1,056	1,245	1,378
Net Property, Plant & Equipment	1,407	1,525	1,774	1,847
Intangible Assets	24	25	20	17
Investments in Associates	0	307	246	279
Other Long-Term Assets	363	235	110	101
Total Non-Current Assets	1,794	2,092	2,150	2,244
Total Assets	2,678	3,148	3,395	3,622
Accounts Payable	219	329	379	309
Loans and borrowings	71	181	483	800
Derivative financial liabilities			14	
Total Current Liabilities	290	510	876	1,109
Loans and borrowings	67	112	515	344
Defined benefit obligations	21	31	29	29
Deferred tax liabilities	85	89	89	86
Total Non-Current Liabilities	173	232	633	459
Total Liabilities	463	742	1,509	1,568
Equity attributable to Parent shareholders	1,717	1,911	1,360	1,480
Equity attributable to non-controlling interests	498	495	526	574
Total Liabilities & Equity	2,678	3,148	3,395	3,622

Source: PhosAgro (IFRS)

Note: Applied end of period USD/RUB exchange rates: 30.24 (2009), 30.48 (2010), 32.20 (2011), 32.82 (1H2012)



### Consolidated cash flow statement

(USD in millions)	2009	2010	2011	1H2011	1H2012
Profit before taxation	376	515	963	539	453
Depreciation, amortisation and impairment	129	190	206	100	105
Interest Expense	27	14	30	9	23
Interest Income	(34)	(23)	(28)	(11)	(21)
Other	(4)	(18)	32	(9)	(5)
Funds From Operations before WC changes	494	678	1,203	628	555
(Inc.) Dec. in Trade and other Receivables	39	(64)	153	204	61
(Inc.) Dec. in Inventory	61	(29)	(81)	(75)	(25)
Inc. (Dec.) in Trade and other Payables	(247)	20	40	(8)	(18)
(Inc.) Dec. in Net Working Capital	(147)	(73)	112	121	18
FFO before income taxes and interest	347	605	1,315	749	573
Income tax paid	(51)	(97)	(184)	(116)	(127)
Interest paid	(22)	(10)	(29)	(6)	(17)
Cash Flow From Operations	274	498	1,102	627	429
Loans repaid/(issued)	160	(144)	106	72	13
Acquisition of property, plant and equipment	(385)	(429)	(439)	(191)	(218)
Acquisition of investments	(184)	(52)	(32)	(33)	(2)
Other	114	67	136	103	12
Cash Flow From Investing Activities	(295)	(558)	(229)	(49)	(195)
Proceeds from borrowings	486	697	1,326	909	0
Repayment of borrowings	(538)	(530)	(681)	(295)	496
Dividends paid	(45)	(110)	(1,155)	(1,120)	(12)
Other	(160)	(9)	33	(13)	(344)
Cash Flow From Financing Activities	(257)	48	(477)	(519)	140
Change in Cash and Equivalents	(278)	(12)	396	59	374
Beginning Cash and Equivalents	488	186	173	184	526
Effect of change in exchange rate	(24)	(1)	(43)	0	(207)
Ending Cash and Equivalents	186	173	526	243	693

Source: PhosAgro (IFRS)

Note: Applied average USD/RUB exchange rates: 31.72 (2009), 30.37 (2010), 29.39 (2011), 28.62 (1H2011), 30.64 (1H2012)



### Commitment to high corporate governance standards

#### **Audit Committee**

Marcus Rhodes (Chairman)
Sven Ombudstvedt
Ivan Rodionov

# Remuneration and Human Resources Committee

Ivan Rodionov (Chairman)
Sven Ombudstvedt
Igor Antoshin

#### **Strategy Committee**

Vladimir Litvinenko (Chairman)

Igor Antoshin

Maxim Volkov

Roman Osipov

# Environmental, Health and Safety Committee

Igor Antoshin (Chairman)

Maxim Volkov

Vladimir Litvinenko

Vasily Loginov

#### **Board of Directors**

# INDEPENDENT NON-EXECUTIVE DIRECTORS

Sven Ombudstvedt (Chairman)

Marcus Rhodes

Ivan Rodionov

#### **NON-EXECUTIVE DIRECTORS**

Igor Antoshin (Deputy Chairman)

Vladimir Litvinenko

Vasily Loginov

Roman Osipov

#### **EXECUTIVE DIRECTORS**

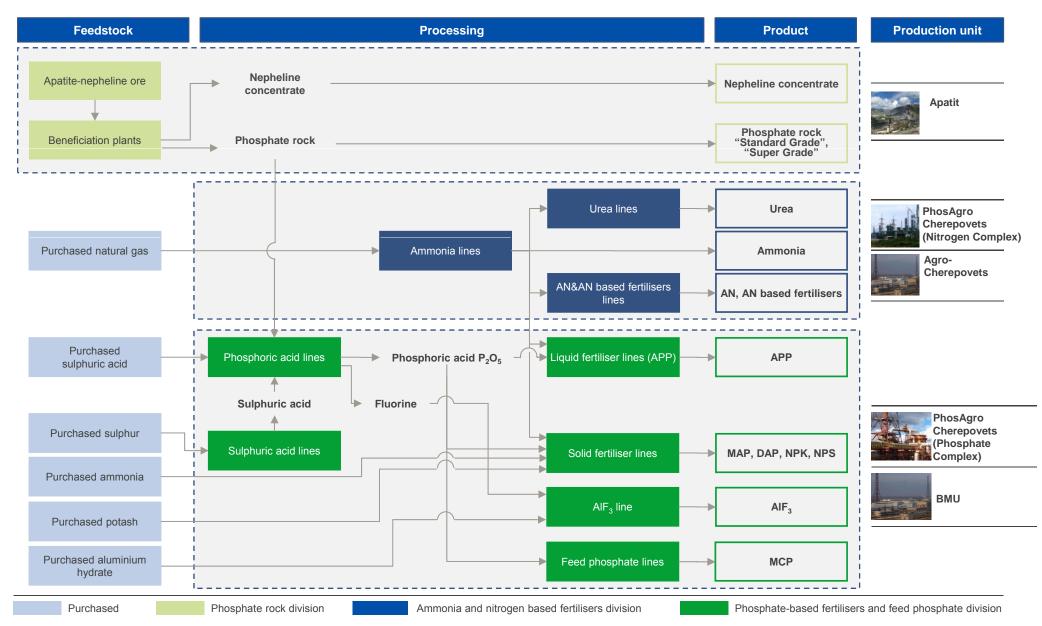
Maxim Volkov

#### **Chief Executive Officer**

Maxim Volkov

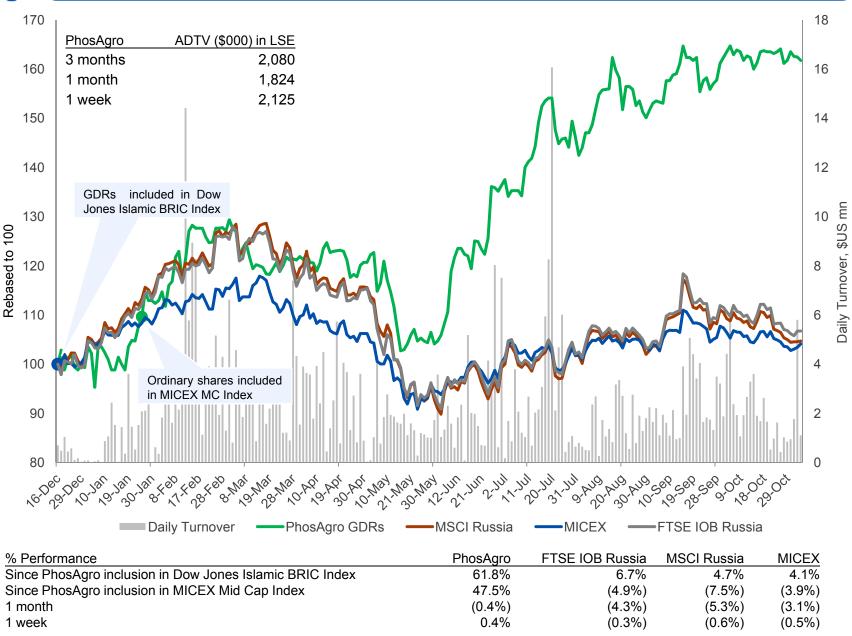


# PhosAgro – vertically integrated production model



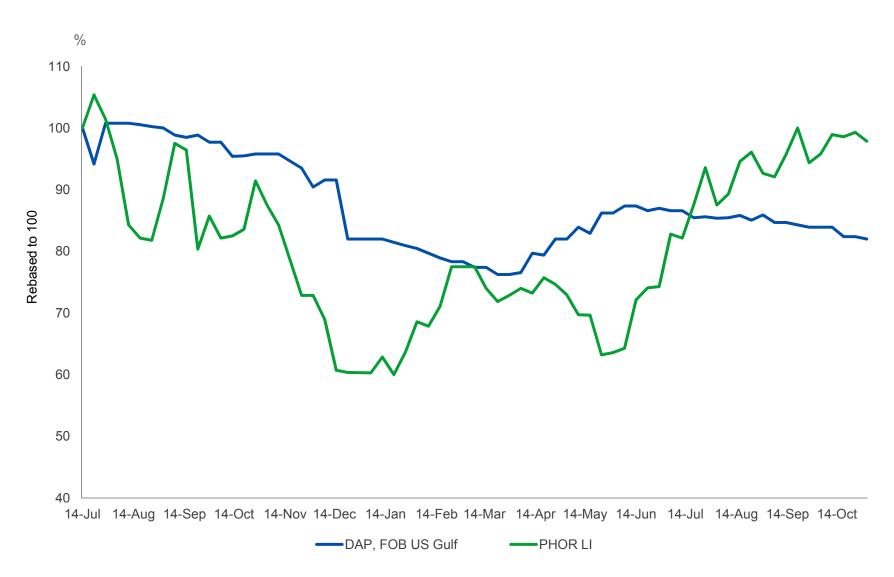


### GDRs performance



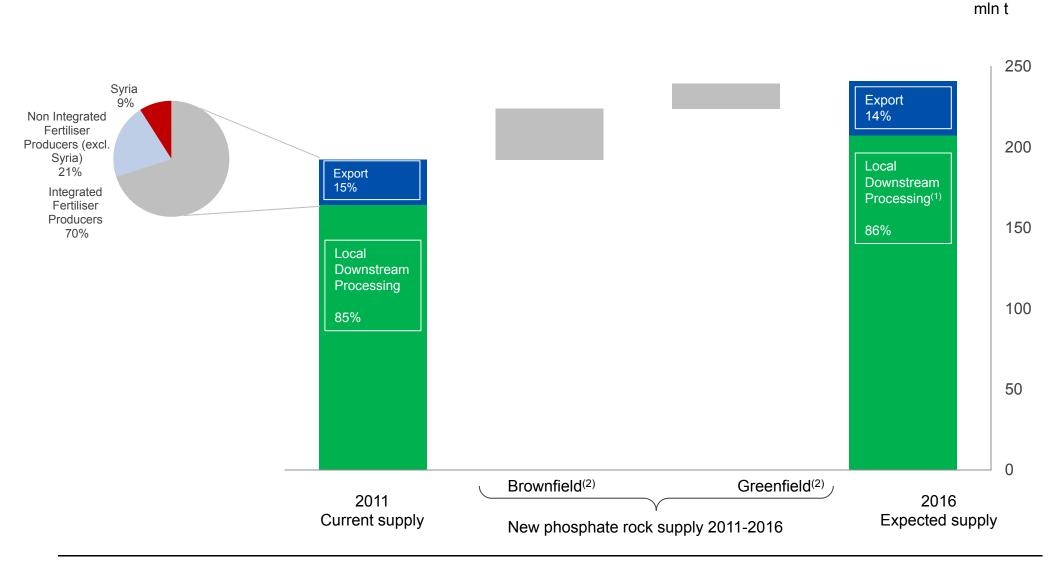


# GDR performance and DAP prices





# Potential phosphate rock supply in 2011-2016



Source: IFA, Fertecon, PhosAgro

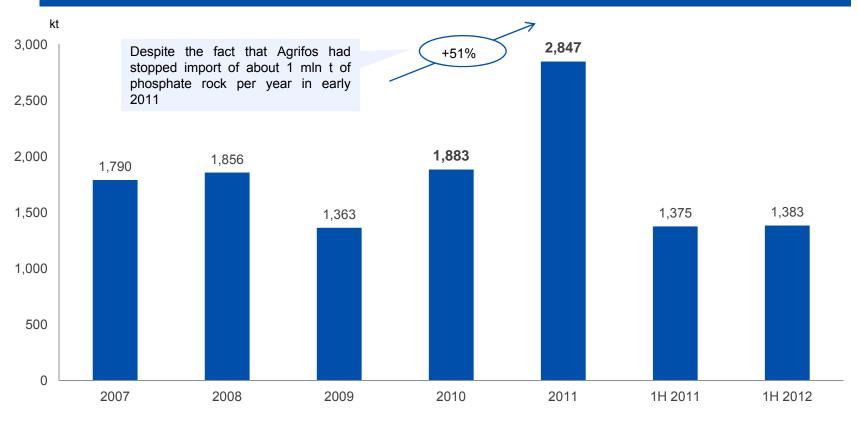
Note: (1) Estimate

(2) Assuming that declared projects will commission without delays and will operate at full capacities



### Growth in US Phosphate Rock Imports

#### **US phosphate rock imports**

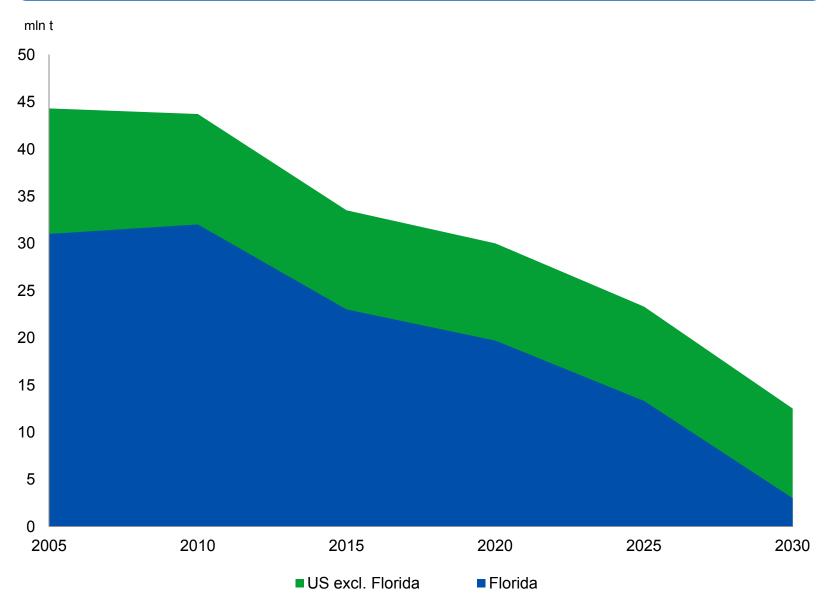


### **Import drivers**

- Agrium has entered into contract with OCP to purchase phosphate rock as their own economic rock reserves are depleted
- Mosaic resumes mining at South Fort Mead but phosphate rock imports remain almost the same

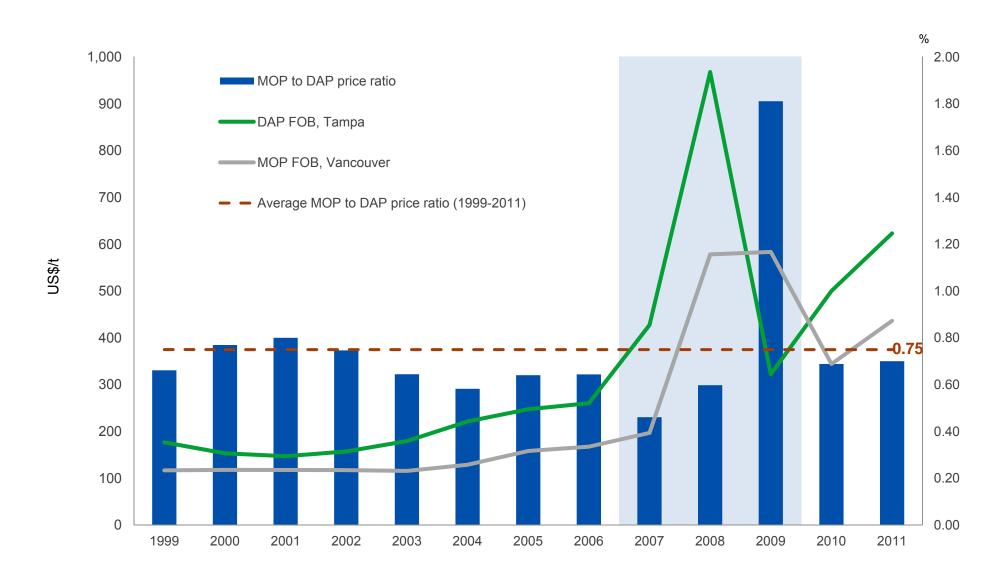


# Current and projected US mine phosphate production capacity





# Fertiliser prices and price ratios





### Fertiliser utilization rates and price ratio

