



# Fertiglobe Q3 2022 Investor Presentation

November 2022

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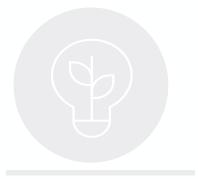




Q3 and 9M 2022 Financial Performance



**Market Outlook** 



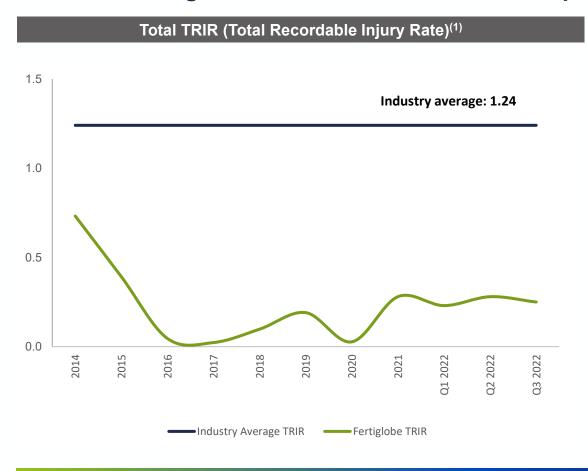
**Appendix** 





## **Safety First: Commitment to Zero Injuries**

#### 12-month rolling recordable incident rate to 30 September 2022 0.25 incidents per 200,000 manhours



#### **Target Zero Injuries at All Facilities**

- Achieve leadership in safety and occupational standards across the operations
- Fostering a culture of zero injuries at all production sites
- Improving health and safety monitoring, prevention, and reporting across plants
- Fertiglobe has consistently achieved some of the lowest TRIR numbers in the industry

#### **HSE Certifications**

- OHSAS 18001 Occupational Health and Safety Management Systems
- RC 14001 Responsible Care Management Systems
- Assets are also REACH certified









Fertiglobe is committed to providing a safe and healthy workplace for all employees and stakeholders by implementing the highest international safety standards to avoid any potential risks to people, communities, assets or the environment





#### Leading Nitrogen Fertilizer Exporter Globally and Unique Ammonia Platform<sup>(2)</sup>



4 World-class Strategically Located Production Facilities

#### **Global In-House Distribution Capabilities,**

including ~1,000kt Storage Capacity

#### **6.7mt Sellable Volume** Capacity (1)

- **5.1mt Urea** Production Capacity
- 4.4mt Gross Ammonia Production Capacity
- **0.5mt DEF** Production Capacity (3)

Logistics allowing for Excellent Freight and Transport Advantaged, Dutyfree Delivery to East and West

#### Feedstock Advantaged

\$4.9/mmbtu LTM (Sep-22) Avg. Gas Price<sup>(4)</sup>

#### 50%

of Assets Younger than 10 years

Early Mover in

**Clean Ammonia** 

Revenue

**\$1,318m** (Q3 2022)

\$3,974m (9M 2022)

Adj. EBITDA(5)

**\$606m** (Q3 2022)

\$2,001m (9M 2022)



Source: Company Information, CRU

Notes: (1) Capacity data as of year end 2021

(2) Based on 2021 ammonia and urea combined export production capacity in mtpa

(3) Maximum downstream capacities cannot be achieved at the same time. DEF production capacity not included in the 6.7mt sellable volume capacity

(4) Realized weighted average gas price in LTM (June 2022) based on respective gas price arrangements in Abu Dhabi, Algeria and Egypt. Gas price arrangements include cost escalation factors and in Egypt increments above certain product price levels

(5) EBITDA excluding foreign exchange and income from equity accounted investees, adjusted to exclude additional items and costs that management considers not reflective of core operations



## Fertiglobe is a Strategic Partnership With Strong Shareholder Support

## Partnership Geared Towards Growth and Value Creation, Supported by Shareholders with a Strong Track Record

**OCI NV** 

50%(1)

OCI

#3 global producer of nitrogen products<sup>(2)</sup>
#1 & #2 methanol producer in EU & US, respectively<sup>(2)</sup>
A leading bio-methanol producer

- Remaining OCI NV nitrogen business is predominantly nitrates focused with inland assets in US and Europe
- Synergistic relationship with Fertiglobe through sharing of global market intelligence
- Numerous initiatives and strategic partnerships to capture the energy transition potential
- Orascom Construction (spun off in 2015) has repeat renewable power project partnerships in MENA
- Holds 4 seats at Fertiglobe's Board of Directors, including:
  - Nassef Sawiris (Executive Chair of OCI), Ahmed EI-Hoshy (CEO of OCI), Hassan Badrawi (CFO of OCI), and Philippe Ryckaert (Group Vice President of Business Development & Investments of OCI)

36%(1)

**Abu Dhabi National Oil Company** 



Leading integrated O&G company, entrusted to manage the world's 7<sup>th</sup> largest proven O&G reserves

- Fully integrated energy company across the entire value chain
- Key export partner of crude oil & refined products to high-growth Asian markets
- Industry leader for carbon capture with plans to reach 5mtpa of CO<sub>2</sub> capture by 2030
- Focus on downstream value creation and 2030 vision
- Strategy to become a global leader in clean hydrogen
- Holds 4 seats at Fertiglobe's Board of Directors, including:
  - H.E. Dr. Sultan Al Jaber (Group CEO and Managing Director of ADNOC) and Khaled Salmeen (Executive Director of Downstream Industry, Marketing and Trading at ADNOC), and Mohamed Alaryani (Senior VP of Strategic Investments at ADNOC)

Complimentary business to both OCI and ADNOC ecosystems, distinctively positioned to capture value





## Q3 2022 Results Highlights

- Q3 2022 revenues increased 52% YoY to \$1,318 million and adjusted EBITDA +64% YoY to \$606 million, driven by higher selling prices. Adjusted net profit was \$292 million in Q3 2022, +84% YoY.
- Fertiglobe generated free cash flow (FCF) of \$189 million in Q3 2022, a 237% increase as compared to the same period last year, and \$1,499 million in 9M 2022 versus \$535 million in 9M 2021. Net cash position of \$644 million as of 30 Sep 2022 is supportive of growth opportunities and attractive dividend pay-out
- Favourable farm economics and low global grain stocks, combined with high gas prices in Europe, provide support for nitrogen selling prices to remain above historical averages
- Our attractive dividend outlook is further backed by Fertiglobe's competitive position on the global cost curve and free cash flow conversion capacity. Management guides for H2 2022 dividends at a minimum of \$700 million, payable in April 2023, implying total dividends of at least \$1.45 billion for 2022, including the \$750 million H1 2022 dividend paid in October 2022.
- Fertiglobe's low leverage positions the company favorably to selectively pursue value accretive growth opportunities, capitalizing on the emerging demand for low-carbon ammonia as a solution to decarbonize industries that make up around 90% of current global greenhouse gas emissions.





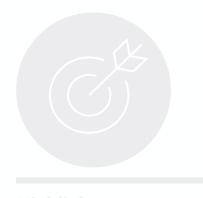


## Key Fertiglobe Investment Highlights



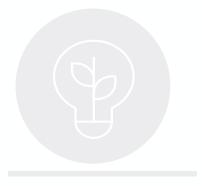


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Q3 and 9M 2022 Financial Performance

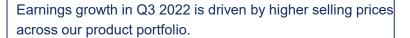
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## **Q3 2022 Results Summary**

#### Summary



#### Own-produced volumes down 2% in Q3 '22 vs. Q3 '21

- > 4% higher own-produced ammonia sales volumes
- > 4% lower own-produced urea sales volumes

Third party traded volumes sold +11% YoY in Q3 '22 vs. Q3 '21

#### Summary of Q3 2022 performance

- Q3 2022 revenues increased 52% YoY to \$1,318 million and adjusted EBITDA +64% YoY to \$606 million.
- · Adjusted net profit was \$292 million in Q3 2022, an increase of 84% compared to \$158 million in Q3 2021.
- FCF before growth capex was \$189 million in Q3 2022 compared to \$56 million in Q3 2021.
- Total cash capital expenditures including growth capex were \$24 million in Q3 2022, compared to \$21 million in Q3 2021.
- Net cash position of \$644 million as of 30 September 2022 compared to net debt of \$487 million in Dec-21.

Key Fina	incials¹ and	KPIs				
\$ million unless otherwise stated	Q3 2022	Q3 2021	% Δ	9M 2022	9M 2021	% Δ
Revenue	1,317.9	866.7	52%	3,974.0	2,126.7	87%
Gross Profit	583.9	338.7	72%	1,919.5	780.7	146%
Gross profit margin	44.3%	39.1%		48.3%	36.7%	
Adjusted EBITDA <sup>2</sup>	606.3	370.7	64%	2,000.9	902.9	122%
Adjusted EBITDA margin	46.0%	42.8%		50.3%	42.5%	
EBITDA	609.3	377.1	62%	1,998.9	910.4	120%
EBITDA margin	46.2%	43.5%		50.3%	42.8%	
Adjusted net profit attributable to shareholders <sup>2</sup>	291.5	158.2	84%	1,090.7	360.3	203%
Reported net profit attributable to shareholders	291.6	137.7	112%	1,077.6	336.2	221%
Earnings / (loss) per share (\$)						
Basic earnings per share	0.035	0.017	106%	0.130	0.040	225%
Diluted earnings per share	0.035	0.017	106%	0.130	0.040	225%
Adjusted earnings per share	0.035	0.019	84%	0.131	0.043	205%
Earnings / (loss) per share (AED)						
Basic earnings per share	0.129	0.062	106%	0.477	0.147	225%
Diluted earnings per share	0.129	0.062	106%	0.477	0.147	225%
Adjusted earnings per share	0.129	0.070	84%	0.481	0.158	205%
Free cash flow	189.3	56.1	237%	1,498.8	535.0	180%
Capital expenditure	23.5	20.5	15%	47.5	34.1	39%
Of which: Maintenance Capital Expenditure	18.4	16.0	15%	38.2	28.9	32%
				30-Jun-22	31 Dec 21	% Δ
Total Assets				5,979.0	5,168.5	16%
Gross Interest-Bearing Debt				1,139.1	1,385.7	(18%)
Net Debt / (cash)				(643.7)	486.6	n/m
	Q3 2022	Q3 2021	% Δ	9M 2022	9M 2021	% Δ
Sales volumes ('000 metric tons)						
Fertiglobe Product Sold	1,364	1,396	(2%)	4,158	4,338	(4%)
Third Party Traded	336	302	11%	848	824	3%
Total Product Volumes	1,700	1,698	0%	5,006	5,163	(3%)

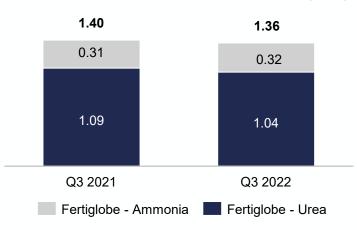


<sup>2)</sup> Fertiglobe uses Alternative Performance Measures ('APM') to provide a better understanding of the underlying developments of the performance of the business. The APMs are not defined in IFRS and should be used as supplementary information in conjunction with the most directly comparable IFRS measures. A detailed reconciliation between APM and the most directly comparable IFRS measure can be found in this report

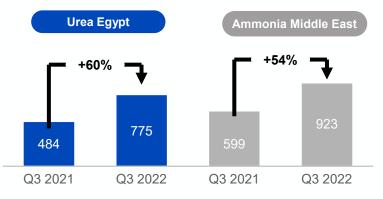
<sup>3)</sup> Free cash flow is an APM that is calculated as cash from operations less maintenance capital expenditures less distributions to non-controlling interests plus dividends from equity accounted investees, and before growth capital expenditures.

## Q3 2022 Results

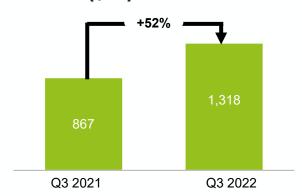
#### Own-Produced Sales Volumes (Mt)

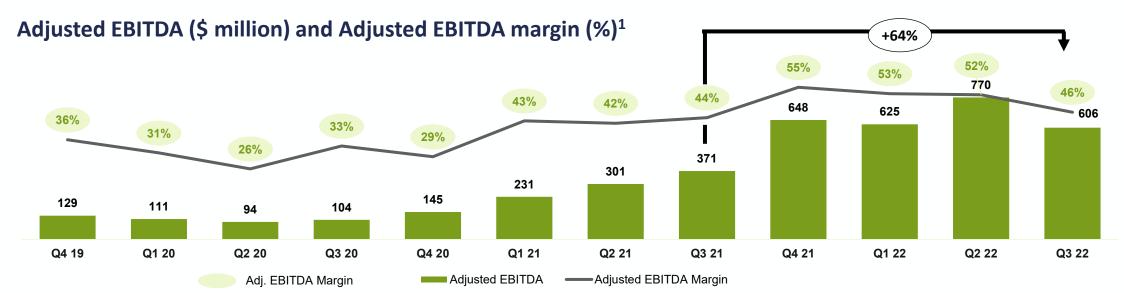


#### **Key Product Benchmark Prices, \$/t**



#### Revenue (\$m)









## Strong Revenue Profile Translating Into Robust EBITDA and Cash Flow Generation Through Low Capex

#### EBITDA Margin and FCF Conversion Advantages Result in Ample Dividend Capacity

Revenue

Favourable geographical positioning and centralized commercial strategy leveraging on unique distribution platform allow for higher realized prices

Costs

Feedstock advantage with long term gas contracts, strong conversion rates and lean overhead cost structure translate into an attractive EBITDA Margin

Leverage consistent with investment grade rating profile due to conservative capital structure drives lower interest expense

FCF

Solid FCF generation and capital structure across commodity cycles support attractive dividend payout and superior dividend yields

Young asset base with integrated technological platform requires low maintenance capex

~\$1.3bn Q3 2022 Revenue

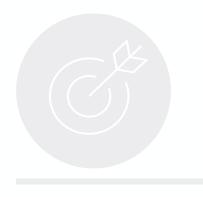
> ~46% Q3 2022 Adj. EBITDA Margin(1)

~\$582m Q3 2022 Adi. EBITDA(1) - Capex

> ≥\$700m<sup>(2)</sup> H2 2022 Dividend (to be paid in April 2023)



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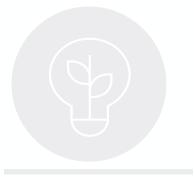




Q3 and 9M 2022
Financial Performance



**Market Outlook** 



**Appendix** 





## Nitrogen Outlook Supported by Attractive Supply-Demand Dynamics

### Supporting Strong Pricing Outlook For H2 2022 and Beyond as We Recover From a 5-year Downturn

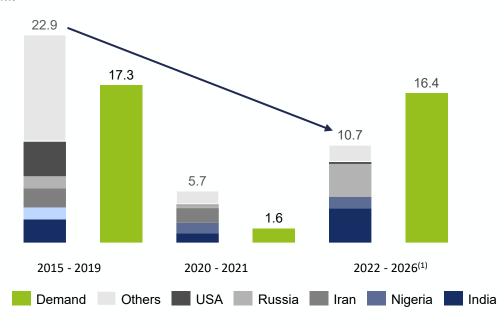
	Bull Market Drivers Support Demand Driven Environment	Prior cycle (last 5-6 years)	Next cycle (starting in 2022) <sup>(2)</sup>
	CROP PRICES DRIVING HEALTHY FARM ECONOMICS AND NITROGEN DEMAND  Corn Futures >\$5/bushel and Wheat Futures >\$7/bushel supportive of affordability  Grain stocks to use ratios at decade lows, requiring at least until 2024 to replenish	30% corn stocks-to-use ratio \$3.7/bushel average corn price 2015-2019	26% corn stocks-to-use ratio \$6.5/bushel corn futures 2022 - 2024
	GAS AND COAL PRICES RESET AT HIGH LEVELS  Feedstock pricing has support to remain well above historical averages given tight supply fundamentals and limited Russian gas flows which cannot be made up with incremental LNG volumes given capacity and logistics bottlenecks	<b>\$5/MMBtu</b> TTF (Dutch natural gas hub)	<b>\$35/MMBtu</b> TTF to end 2024 <sup>(1)</sup>
### ### ###	TIGHTENING NITROGEN MARKET BALANCES  New urea capacity is limited, faces delays and accelerating Chinese closures  Structurally tighter merchant ammonia market with limited net capacity additions	23mt new urea capacity vs. 17mt demand growth over 2015 - 2019	11mt new urea capacity vs. 16mt demand growth over 2022 - 2026
	ENVIRONMENTAL FOCUS DRIVES SHIFT FROM GREY TO GREEN  Stricter mandates around environment regulations are barriers to enter this industry Global push to move towards $H_2$ economy adds incremental low-carbon ammonia demand	Wave of "grey" greenfield capacity additions in US, Europe, MENA	Limited new grey ammonia capacity from established producers and significant new ESG driven ammonia demand by 2025



### **Attractive Nitrogen Dynamics with Demand Expected to Exceed Capacity Additions**

#### Ex-China urea capacity additions slow relative to 2015-19

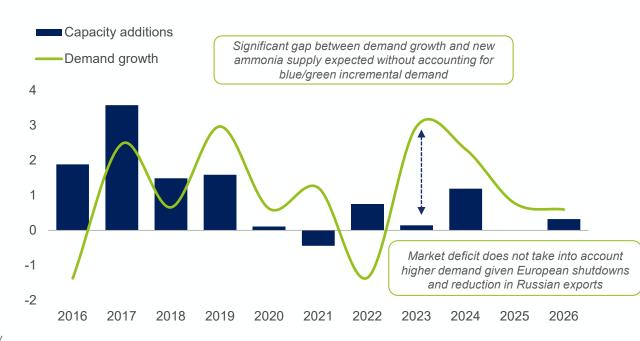
Mt



- ✓ Demand growth expected to exceed supply growth, new supply subject to delays and utilization rates expected to be slow to ramp up, limiting the impact on the traded market
- ✓ Significant reversal in market dynamics from over-supply in the last down cycle (2015 2019) of 5.6 million Mt to a deficit of c.6 million Mt from 2022 2026
- 11 million Mt new capacity additions 2022 2026 includes 3.6 million Mt of capacity in Russia at risk of delays and 4 million Mt of capacity that has commissioned in 2022
- ✓ Increased focus on the environment is a barrier to enter this industry, limiting "grey" capacity additions in the US, EU, China and elsewhere
- ✓ Good visibility on supply additions given 4-6 years lead time to build a greenfield plant

#### Merchant ammonia market structurally tightening

Global ammonia net capacity additions and demand growth, ex-China ex-urea, Mt



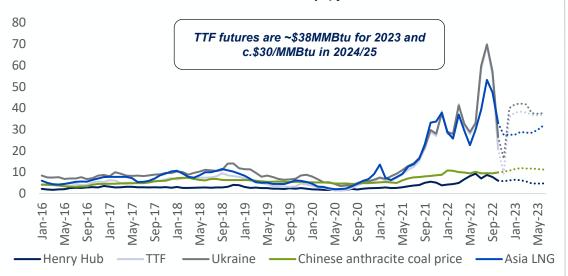
- ✓ Structural tightening in ammonia with limited net capacity additions more than offset by higher demand growth, resulting in a supply deficit of 5 million Mt from 2023 2026 compared to a net surplus of 7.5 million Mt in 2015 2019, providing a strong market backdrop for forward ammonia pricing above high marginal cost floors
- ✓ Downside risks being monitored given the volatile macro economic environment and high energy complex's impact on industrial production and ammonia demand, but this should be partially offset by lower supply from Russia and Europe
- ✓ Further upside for ammonia from the expected incremental demand for clean ammonia in new applications across a range of sectors including marine fuel and power, and as a hydrogen carrier





## Higher Costs for Marginal Producers Supportive of Nitrogen Prices

#### Global Feedstock Prices 2017-2023F, \$/MMBtu



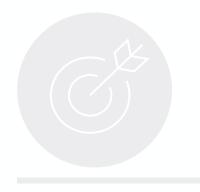
#### Cash Costs per ton of Ammonia 2017-2023F, \$/t



- Surge in gas prices has been driven by limited Russian gas flows, lower than average storage levels in Europe and higher global demand for gas resulting in highly volatile gas markets
  - ✓ TTF futures point towards gas prices of c.\$38/MMBtu for 2023 and \$27/MMBtu in 2024/2025, compared to \$5/MMBtu in 2015 2019
  - ✓ Gas prices expected to remain volatile, and pricing is expected to remain well above historical averages given Russian gas into Europe, reduced US LNG short-term exports and tight coal and power markets
  - ✓ 2023 expected to have higher feedstock prices than 2022 on average factoring in no Russian gas for full year, LNG import and export logistics and capacity bottlenecks and need to price above Asia. This doesn't factor (1) potential colder-than-average weather, (2) lower LNG imports if Asia has a cold spike / Chinese economy rebounds (3) extended Freeport outage
  - ✓ Some downside risk from weather and EU government intervention to cap pricing in the short-term, but this will incentivize power consumption and hence demand which combined with low storage levels expected to keep EU gas prices elevated to end 2023/24 winter
  - Europe is the marginal nitrogen producer 19 Mt of European ammonia capacity, 10 Mt of urea and 34 Mt of nitrates capacity at risk of being permanently shut if pricing remains below costs for a sustained period
- Higher marginal costs have steepened the global cost curves and provide support for nitrogen pricing into 2023 and beyond



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**Highlights** 



Q3 and 9M 2022 Financial Performance



Market Outlook



**Appendix** 





## **Appendix**

Q3 2022 Results



## 30 September 2022 Net Debt

#### H2 2022 Dividend Guided at a Minimum of \$700 million

\$ million	30-Sep-22	31-Dec-21
Cash and bank balances	1,782.8	899.1
Loans and borrowings - current	63.9	59.6
Loans and borrowings - non-current	1,075.2	1,326.1
Total borrowings	1,139.1	1,385.7
Net debt (cash)	(643.7)	486.6
Net debt / LTM Adj. EBITDA	(0.2x)	0.3x

#### **Key Highlights**

- In October 2021, Fertiglobe closed a \$1.1 billion bridge facility to right-size its capital structure. As a result, Fertiglobe ended Q3 2021 with pro forma net debt of c.\$1.1 billion, implying net debt / adjusted EBITDA of c.1.1x (on a pro forma basis). As a result of strong earnings and cash conversion, net debt / EBITDA dropped to 0.3x as at 31-Dec-21, and Fertiglobe turned net debt free by the end of Q1 2022. Fertiglobe ended Q3 2022 with net cash of \$644 million, supporting future growth opportunities and attractive dividend pay-out.
- Fertiglobe remains committed to its dividend policy of substantially distributing all excess free cash flows after providing for growth opportunities and maintaining its investment grade parameters. Management guides for a minimum dividend of \$700 million in H2 2022 (payable in April 2023), for total dividends of at least \$1.45 billion in 2022, including the H1 2022 dividend paid in October 2022.
- In June 2022, Fertiglobe was issued first time investment grade ratings by S&P, Moody's and Fitch (BBB-, Baa3 and BBB-, respectively), recognizing its strong free cash flow generation, conservative financial policy and robust outlook.





## Reconciliation of Adjusted EBITDA and Adjusted Net Profit

#### Reconciliation of reported operating profit to adjusted EBITDA

\$ million	Q3 2022	Q3 2021	9M 2022	9M 2021	Adjustment in P&L
Operating profit as reported	549.2	311.3	1,814.0	708.3	
Depreciation and amortization	60.1	65.8	184.9	202.1	
EBITDA	609.3	377.1	1,998.9	910.4	
APM adjustments for:					
Movement in provisions	-	(6.4)	5.0	(7.5)	Cost of sales
Insurance recovery	(3.0)	-	(3.0)	_	Other income
Total APM adjustments	(3.0)	(6.4)	2.0	(7.5)	
Adjusted EBITDA	606.3	370.7	2,000.9	902.9	

#### Reconciliation of reported net profit to adjusted net profit

\$ million	Q3 2022	Q3 2021	9M 2022	9M 2021	Adjustment in P&L
Reported net profit attributable to shareholders	291.6	137.7	1,077.6	336.2	
Adjustments for:					
Adjustments at EBITDA level	(3.0)	(6.4)	2.0	(7.5)	
Accelerated depreciation	-	-	-	9.2	Depreciation
Forex loss/(gain) on USD exposure	39.4	(E.E.)	6.4	(44.0)	Finance income and expense
Other financial expense	0.3	(5.5)	6.4 10.0	(11.8)	Finance expense
Non-controlling interest adjustment					Uncertain tax positions/minorities
	(37.6)	32.4	(6.1)	36.4	oncertain tax positions/minorities
Tax effect of adjustments	0.8	-	0.8	(2.2)	Taxes
Total APM adjustments at net profit level	(0.1)	20.5	13.1	24.1	
Adjusted net profit attributable to shareholders	291.5	158.2	1,090.7	360.3	





## Reconciliation of EBITDA to Free Cash Flow and Change in Net Debt

#### Reconciliation of EBITDA to Free Cash Flow and Change in Net Debt

\$ million	Q3 2022	Q3 2021	9М 2022	9M 2021
EBITDA	609.3	377.1	1,998.9	910.4
Working capital	(50.2)	(119.0)	(36.6)	(123.7)
Maintenance capital expenditure	(18.4)	(16.0)	(38.2)	(28.9)
Tax paid	(35.9)	(28.8)	(169.6)	(63.9)
Net interest paid	(16.8)	(7.9)	(39.8)	(26.6)
Lease payments	(3.7)	(4.1)	(10.7)	(9.8)
Dividends paid to non-controlling interests and withholding tax	(368.3)	(182.8)	(435.6)	(193.4)
Ecremage	73.3	37.6	230.4	70.9
Free Cash Flow	189.3	56.1	1,498.8	535.0
Reconciliation to change in net debt:				
Growth capital expenditure	(5.1)	(4.5)	(9.3)	(5.2)
Acquisition of NCI EBIC (15% share)	-	(43.0)	-	(43.0)
Other non-operating items	(3.9)	-	(6.8)	(16.6)
Net effect of movement in exchange rates on net debt	18.7	1.3	(6.5)	1.0
Debt redemption cost	-	(0.9)	-	(0.8)
Dividend to shareholders	-	(130.0)	(340.0)	(185.0)
Advanced dividend to shareholders	-	(93.6)	_	(93.6)
Other non-cash items	(0.3)	-	(5.9)	-
Net Cash Flow / Decrease in Net Debt	198.7	(214.6)	1,130.3	191.8





## **Appendix**

Market Outlook



## Nitrogen Fertilizer Pricing Supported by Demand-Driven Environment

## Strong support for nitrogen prices to reset above mid-cycle levels, given low global crop inventories, strong farm economics, and higher marginal costs

Urea and Ammonia Prices (Monthly Averages, 2011 – Q4 20221, \$/t



#### Sustained by:

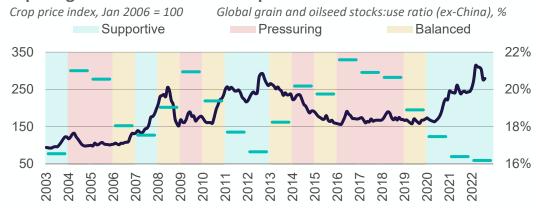
- Grain stocks-to-use ratios at 10-year low, dry weather lowering yields and supportive of crop prices, higher planted acreage and demand at least until 2024
- **EU production curtailments** due to high gas prices and limited availability of feedstock so far this season combined with low inventories supportive of pricing and higher differentials compared to the rest of the world
- 3 Delayed and lower level of new capacity along with accelerating capacity closures and lower exports from China tightening nitrogen market balances. Delays in Russian capacity and geopolitics also tightening fundamentals
- Feedstock prices reset at high levels raising the marginal cost floors over medium-term
- Environmental focus limits new grey greenfield capacity and creates incremental demand for ammonia





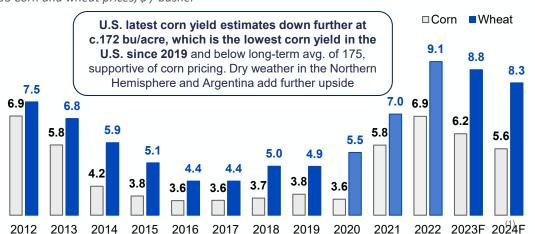
### Agricultural Fundamentals Support Robust Nitrogen Demand At Least Until 2024

## Crop prices supported by stocks: use ratio at 10-year lows, requiring at least until 2024 to replenish



#### Medium-term crop prices supported, and incentive to plant corn

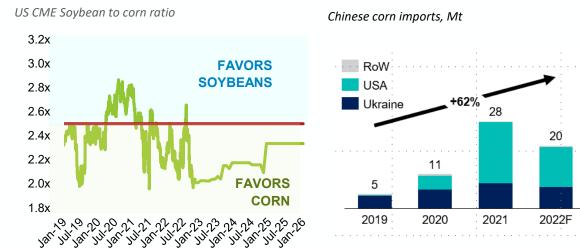
US Corn and wheat prices, \$ / bushel



## Tight grain stocks for corn and wheat at further risk given dry weather in the Northern Hemisphere supportive of demand to rebuild stocks



#### US farmers incentivized to plant nitrogen-intensive corn over soybeans

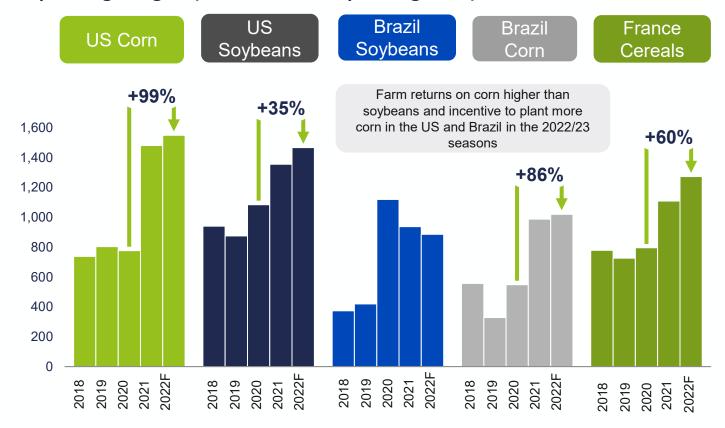






## **High Farm Incomes Supportive Of Demand**

#### Farm operating margins (revenue above operating costs), USD/ha



Higher crop futures reflective of tight market conditions Higher profitability: Higher farm revenues exceed higher fertilizer and operating costs Incentivised increased planted acreage of all crops and nitrogen demand to maximise yields until 2024



Farm margins are attractive in grain exporting regions as input costs have been offset by higher crop prices, incentivising farmers to plant more acres across all crops. High forward grain prices is supportive of sustaining farm incomes and strong demand until at least 2024.

Inelastic nitrogen demand:

Farmers cannot cut nitrogen application by >10% without realising an immediate loss in yields as evidenced in the 2021/22 season with limited demand destruction in grain exporting countries

US season nitrogen demand down 4% due to bad weather and EU 5% due to limited availability. Additional upside with switching to more nitrogen use in India

3 Farmers locking in input costs:

Farmers in US, Europe and Brazil are hedging their operating margins, by selling forward their new crop at high forward grain pricing. At the same time, they are buying nitrogen to lock in margins, supportive of demand and pricing

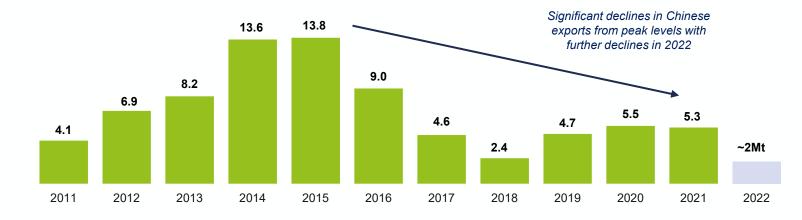




### Lower Chinese Exports And Higher Indian Imports Supportive Of Prices

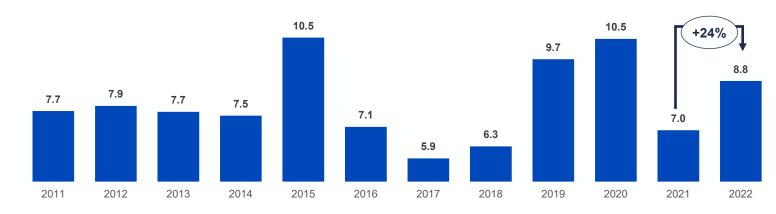
- Chinese market balances supported by:
- Government measures to curb exports until at least H2 2023 and prioritise domestic supply including mandatory stocking requirements. This is expected to cap 2022 exports to ~ 2 Mt
- High domestic crop prices and government emphasizing food security is supportive of crop expansion and robust demand in 2022 and 2023
- Permanent capacity closures due to environmental regulations and curtailments over winter-heating season contributing to lower exports in 2022 and beyond
- Medium-term exports expected to fall to ~3 mt given environmental policy impacts and prioritization of energy for domestic consumption
- Despite the commissioning of three world-scale plants in India over 2017-2021, domestic production has been relatively flat and decreased c.600 kt in 2021. Further, as evidenced in 2022, new production is partly offset by lower production from older, more inefficient plants.
- Capacity additions in India are subject to delays and not expected to commission in line with published government timelines, supporting imports.
- Short-term, India is expected to issue follow-up tenders to replenish inventories, to fulfil Rabi season requirements. Demand for Indian wheat and good monsoons, will be supportive of urea demand through the balance of 2022.
- Further upside for Indian import demand in 2023 given growth in crop area and subsidies favoring urea expected to result in increased substitution from P&K

## Chinese Exports Curtailed on Domestic Demand and Closures China urea exports, Mt



Indian Supply Has Declined Despite New Capacity Commissioning, and Robust Demand Supportive of Imports Supportive of Imports

India imports, Mt





Source: CRU, MMFMS, China Customs, Company Information



## Fertiglobe Attractively Positioned on Urea and Ammonia Cost Curves

#### Benefit from attractively priced, long-term feedstock gas contracts and low conversion costs

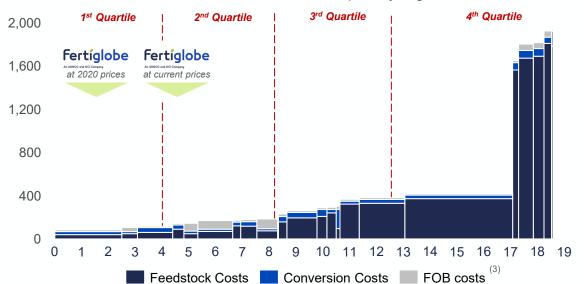
- Long-term attractive gas supply agreements with EGPC in Egypt, Sonatrach in Algeria, and ADNOC in Abu Dhabi supporting advantageous cost position
- Young asset base with high gas efficiency and high reliability, resulting in lower costs per tonne
- Local currency denominated costs, allowing for lower overhead costs

Sonatrach, referred to as Ecremage.

- Operations located in tax-advantaged regions, resulting in a low effective cash tax rate
- Freight and logistical advantage to most major markets allow Fertiglobe to capitalize on higher pricing in markets during peak demand periods
- Situated in the 1st 2nd quartiles of the ammonia and urea cost curves for 2022
  - o In Algeria and the UAE, gas prices are fixed with annual escalation factors<sup>4</sup>
  - o In Egypt, gas prices are linked to the weighted-average selling price of urea and ammonia as part of a revenue sharing mechanism

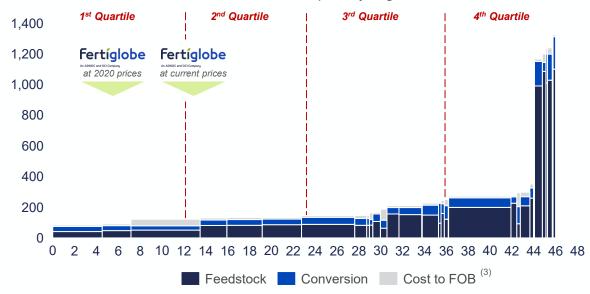
#### 2022 Fertiglobe Situated in 1<sup>st</sup> - 2<sup>nd</sup> Quartiles of Ammonia Cost Curve (\$/t)<sup>1,2,3</sup>

Y axis: Ammonia CFR delivered costs in 2022; X axis: Exports by Region, Million mt, Ammonia



#### 2022 Fertiglobe Situated in 1st - 2nd Quartiles of Urea Cost Curve (\$/t)

Y axis: Urea CFR delivered costs in 2022; X axis: Exports by Region, Million mt, Urea



Profit sharing mechanism with gas suppliers ensures top quartile positioning through the cycle





## Significant Incremental Ammonia Demand From New Clean Energy Applications

## Clean Hydrogen is strongly positioned to lead the world's energy transition, and ammonia is the key enabler

- Clean hydrogen use in energy applications will be a major contributor to emission reduction across industries where abatement is difficult (e.g. power and shipping)
- Ammonia is one of the most efficient ways to transport and store clean hydrogen, as hydrogen is difficult to store and transport due to low boiling temperature (-252 C)
- On the back of this transition, several new applications are emerging which individually would create an end market multiple times as large as the current ammonia merchant market
- Incremental demand for clean ammonia is expected to tighten the conventional market further as grey capacity is decarbonized to cater to the new clean ammonia demand

#### Blue/Green Ammonia to Make Up ~50% of Merchant Market vs Zero Today

Mt Nitrogen-based 80% **Fertilizers** Feedstock for Chemicals Current merchant **Processes** ammonia market trades annually ~20mt of which no blue/green 40  $NH_3$ **\_==**= **Marine Fuels** 0% ammonia High 26 **Ammonia** High Power 2025 Today 2030 2035 ■Blue/Green NH3 High H<sub>2</sub> Carrier Cracking



**Annual Growth** 

Today %



## Appendix

Fertiglobe: Strategic Positioning

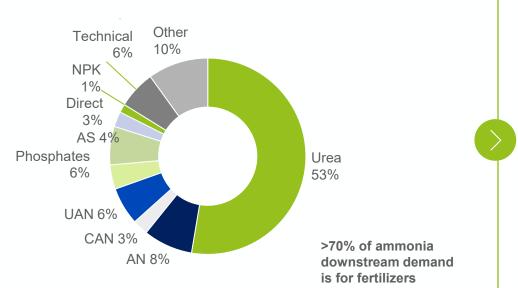


### Ammonia is versatile and has a diverse set of end applications

#### **Ammonia: End-Use Applications Examples**

- Ammonia is primarily utilized in fertilizers, but also supports a diverse array of industrial applications.
- Nitrogen (ammoniated) fertilizers need to be applied every year unlike P & K.

#### 2021 Ammonia Demand by End Market (100% = 191 Mt)























## **Appendix**

About Fertiglobe



## 4 World-Scale Assets Leveraging a Global Centralised Commercial Platform



Total Fertiglobe Capacity (mtpa)					
Gross ammonia	4.4	Urea	5.1		
Net ammonia	1.5	DEF	$0.5^{(3)}$		

#### UAE



### Fertil (100%)



Product	mtpa
Urea	21

Urea 2.1 DEF 0.1<sup>(3)</sup>

- Commissioned 1983 (line I) and 2013 (line II)
- Fully integrated
- 180kt on-site Urea storage capacity
- Has its own jetty for loading connected to the plant

**Technology Provider** 

HALDOR TOPSØE 🔢





#### **Egypt**



### Egyptian Fertilizer Company (100%)



### Product mtpa

Urea 1.7 DEF 0.4<sup>(3)</sup>

- Commissioned 2000 (line I) and 2006 (line II)
- Fully integrated
- Built by Orascom Construction
- Capable of exporting from Mediterranean and Red Sea

#### **Technology Provider**



### EBIC

### Egypt Basic Industries Corporation (75%)<sup>(2)</sup>



#### Product mtpa

Ammonia

0.7

America

- Commissioned 2009
- Minority Partners: Egyptian General Petroleum Corporation and private individuals
- Built by Orascom Construction
- Direct pipeline to EFC and 8km from Sokhna Port

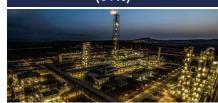
#### Technology Provider



#### Algeria



### Sorfert (51%)



#### Product mtpa

Urea Ammonia 1.3 0.8

- Commissioned 2013
- Minority Partner: Sonatrach
- Fully integrated
- Built by Orascom Construction
- 8km from Arzew Port and 11km from Bethouia Port

#### **Technology Provider**





#### UAE

Fertiglobe Distribution

**Distribution Business (100%)** 



#### **Distribution and Trading**

- Own product and 3<sup>rd</sup> party urea and ammonia
- Urea distribution benefits from leased/owned distribution infrastructure as well as partnership agreements with key regional distributors
- Ammonia distribution benefits from 3 ammonia vessels currently chartered (2 long-term and 1 medium-term)



consortium, which includes Mitsubishi, JGC and Itochu



### Strategically Located Asset Base and Global Distribution Platform

#### **Diversified Production Footprint in Geographically Advantaged Positions**



#### Unique production platform in export-focused locations with global reach

Fully integrated assets located East and West of the Suez Canal Multiple interchangeable supply points with ability to deliver ammonia and urea from any of three countries

Plug-and-play for low carbon ammonia with ability to add both blue and green ammonia without prohibitive greenfield capex spending with projects already underway



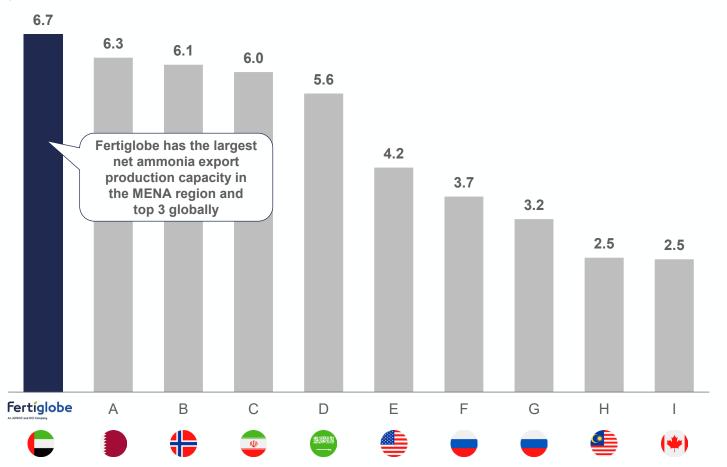


## Leading Nitrogen Fertilizer and Ammonia Exporter Globally

### ~10% of Combined Ammonia and Urea Global Seaborne Exports

Ammonia and Urea Combined Export Production Capacity<sup>(1)</sup>

Mtpa



#### **Significant Scale Advantages**

- 1 Large scale strategically located platform with ability to direct volumes to highest netback markets
- Global distribution with access to all key markets from advantageous freight locations
- 3 Strongly positioned to attract and grow third party traded volumes, further increasing distribution scale and market penetration
- 4 Enhanced economic returns through ability to reliably service large orders, negotiate better commercial terms and lower transportation costs
- Leadership in merchant ammonia and advantage in expected transition to clean hydrogen economy

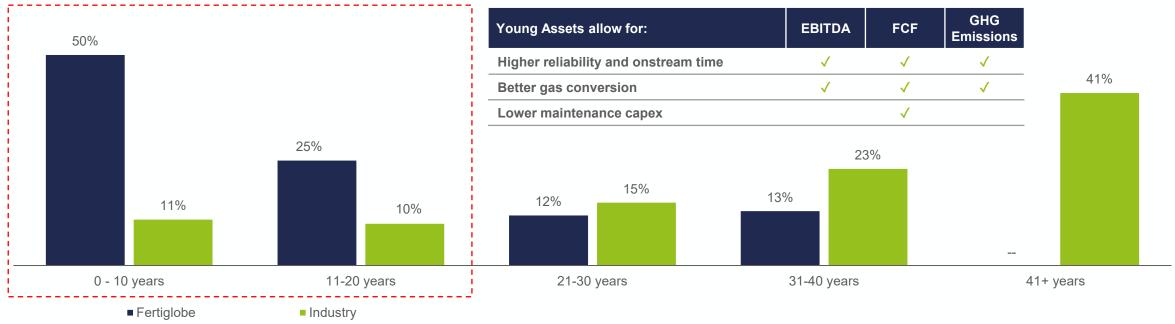




## High Quality Asset Base with 50% of Capacity Younger than 10 Years

### **Young Asset Base Drives Output, Cost and GHG Emission Advantages**

Asset Base Age<sup>(1)</sup> vs. Industry Average<sup>(2)</sup>



- Well-maintained asset base with 50% of capacity younger than 10 years<sup>(1)</sup>, resulting in low maintenance costs and high reliability, while allowing for much better environmental footprint vs. coal and older gas producing plants
- By comparison, ~80% of ammonia plants globally are >20 years
- · Fertiglobe plants have overlapping technologies, allowing for cost-efficient and synergistic maintenance
- · Large, dedicated in-house maintenance team with world-class experience, sharing best practices across assets







## Fertiglobe Gas Contracts Overview

### Attractively Priced Fixed Gas Contracts Ensure Fertiglobe is Competitive Through the Nitrogen Cycle

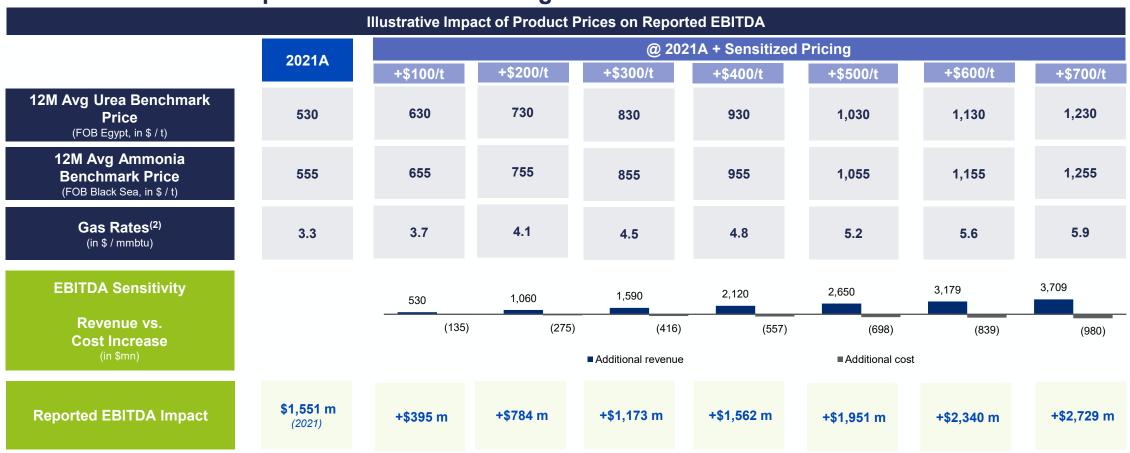
		فرتيل Fertil	EFC (1)	EBIC	SORFERT
Gas Supplier		ADNOC	GASCO <sup>(2)</sup>	EGPC <sup>(2)</sup>	Sonatrach
Contract Start Date		2019	2005 - 2006	2008	2013
Contract End	Date	2044	2030 - 2031	2028	2033
Annual Contra Volume	nct (m mmbtu)	56.0	33.5	24.0	60.7
Contract Pricing Mechanis m (\$ / mmbtu)		Price determined in bi-lateral agreement:	Price determined in bi-lateral agree	ment: ertain product benchmark price levels	Price is determined by national decree, with a contractual price stabilization until November 2023  O USD 1.3/MMBtu in 2022 and increases annually by 5%. With additional profits paid to Sonatrach under Ecremage  Following the expiry of the pricing stabilization mechanism, the price of natural gas will be determined in accordance with applicable regulation. Regulation provides that the sale price of natural gas will be freely negotiated with Sonatrach
Gas Supplier Participation Equity	in FG	<b>√</b> 36% of FG	NA	√ 15% of EBIC	✓ 49% of Sorfert





## Profit Sharing Mechanisms – Sensitivity to Product Prices

Fertiglobe Has Profit Sharing Mechanisms that Provide the Egyptian and Algerian Governments with **Greater Income Participation as Product Pricing Increases**(1)



For a \$100/t increase above 2021 urea/ammonia prices, everything else equal, Fertiglobe reported EBITDA increases by ~\$350-400m



## Thank you

