



# **Fertiglobe**Investor Presentation

April/May 2022

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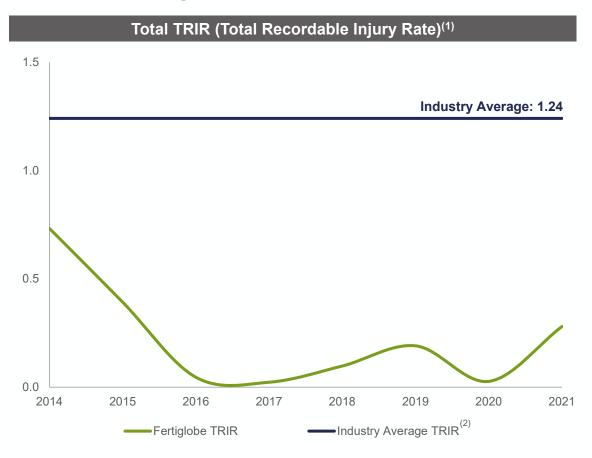
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## Fertiglobe is Committed to Maintaining the Highest Safety Standards

## 12-month rolling recordable incident rate to 31 December 2021 0.28 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

- **5.1mt Urea** Production Capacity
- 4.4mt Gross Ammonia Production Capacity
- **0.5mt DEF** Production Capacity<sup>(3)</sup>

Logistics allowing for **Excellent Freight and Transport Advantaged, Duty-**

free Delivery to East and West

#### **Feedstock Advantaged**

\$3.3/mmbtu 2021 Avg. Gas Price<sup>(4)</sup>

#### 50%

of Assets Younger than 10 years

Early Mover in

Clean Ammonia

#### \$3,311m

2021 Revenue

#### \$1,551m

2021 Adj. EBITDA<sup>(5)</sup>



(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 2021 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

<sup>(2)</sup> Based on 2021 ammonia and urea combined export production capacity in mtpa



## A Strategic Partnership With Strong Shareholder Support

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



#3 global producer of nitrogen products
#1 & #2 methanol producer in EU & US, respectively
#1 bio-methanol producer

- Remaining OCI NV nitrogen business is predominantly nitrates focused with in-land assets
- 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



Leading integrated O&G company, entrusted to manage the world's 6<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

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







## **Key Fertiglobe Investment Highlights**







## 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

Operations located in tax-advantaged regions / tax-free zones result in a low cash tax rate

Young asset base with integrated technological platform requires low maintenance capex

~\$3.3bn LTM Dec-21 Revenue

> ~46.8% LTM Dec-21 Adj. EBITDA Margin<sup>(1)</sup>

**~\$1,465m**LTM Dec-21

Adj. EBITDA<sup>(1)</sup> - Capex

**\$340m**(2) H2 2021 Dividend (paid in April 2022)





## Nitrogen Markets



## Nitrogen Outlook Supported by Attractive Supply-Demand Dynamics

## Supporting Strong Pricing Outlook For 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)
	CROP PRICES SUPPORTIVE OF HIGHER AFFORDABILITY  Corn Futures >\$5/bushel driving healthy farm economics and nitrogen demand	30% corn stocks-to-use ratio	26% corn stocks-to-use ratio
سر	INDUSTRIAL DEMAND RECOVERY  Strong industrial demand rebound in key markets supportive of ammonia prices  Also supportive of DEF markets	<b>2.3%</b> p.a global IP growth 2015 -2019	<b>3.4%</b> p.a global IP growth 2022- 2026
	GAS AND COAL PRICES RESET AT HIGH LEVELS  Low storage levels in Europe, higher Asian demand raising cost floor	\$5/MMBtu TTF (Dutch natural gas hub)	\$27/MMBtu TTF to the end of 2023 <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. 11mt demand growth over 2015 - 2019	12mt new urea capacity vs. 18mt demand growth over 2022 – 2026
ÁÁ	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  8mt new ESG driven ammonia demand by 2025

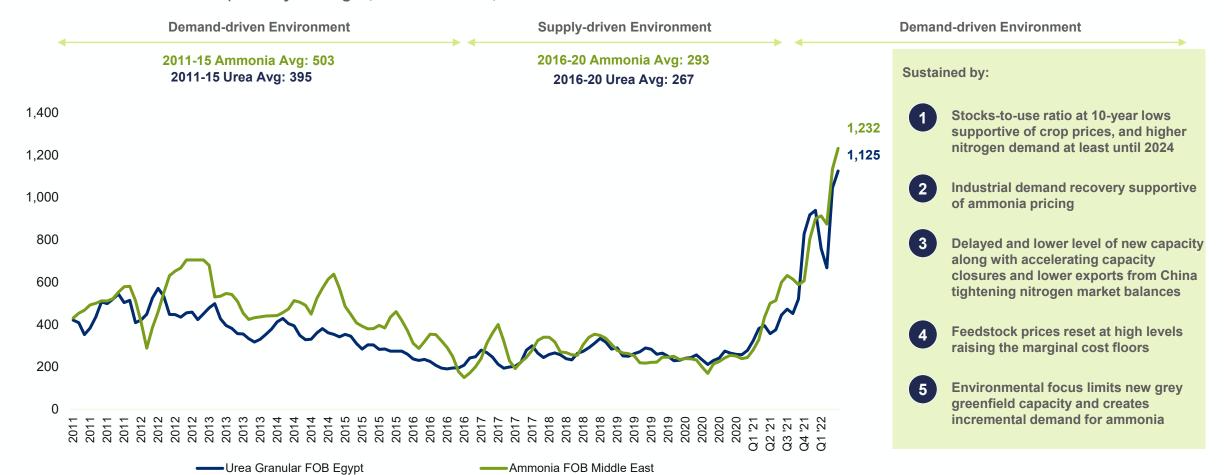




## Nitrogen Fertilizer Pricing Supported by Demand-Driven Environment

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

Urea and Ammonia Prices (Monthly Averages, 2011 - Q1 2022, \$/t

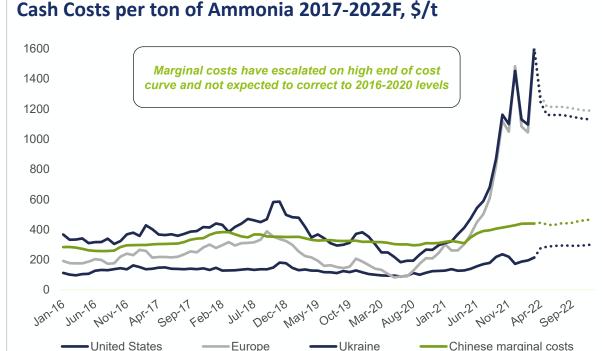




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## Higher Costs for Marginal Producers Supportive of Nitrogen Prices





- Surge in gas prices has been driven by limited Russian gas flows, low storage levels in Europe and higher global demand for gas resulting in highly volatile gas markets
  - ✓ TTF futures point towards gas prices of c.\$35/MMBtu for 2022 and expected to remain volatile given risks around Russian gas flows into Europe
  - ✓ High Chinese coal prices on the back of increased environmental inspections and reduced imports, are expected to provide support for urea prices in H2 2022
- Higher marginal costs have steepened the global cost curves and provide support for nitrogen and methanol pricing into 2022 and beyond



## Fertiglobe is Well-Positioned to Provide Essential Goods in an Ever-Changing Geopolitical Landscape

Recent Russia-Ukraine developments' impacts on trade and commodity outlook



#### **SANCTIONS:**

**Fertilizer is exempt from some financial sanctions**, but transactions are difficult, and new projects are subject to delays



#### PORTS:

Black Sea ports are closed, ammonia pipeline switched off (1.5 – 2Mt exports) and product movements from Baltics slowing



#### SHIPPING:

Suspension by number of shipping companies to and from Russia and higher insurance premiums



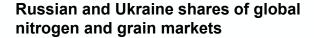
#### **ENERGY:**

Russia supplies 40% of European gas, and 5-7% of global coal and oil, resulting in volatile energy markets



#### **COMMODITIES:**

Russia and Ukraine supply 18-28% of global corn and wheat, raising global food security concerns in already tight markets



Export Share			
Ammonia	24%	1%	-
Urea	14%	2%	1%
Wheat	18%	10%	-
Corn	2%	16%	~0%



### 1 Inelastic demand:

Fertiglobe is uniquely positioned to help address grain shortfalls and overall food security concerns arising from events such as COVID-19 and the Russia-Ukraine conflict, by producing and delivering essential products to the global agricultural markets

## Global diversification of assets, products and feedstock:

Fertiglobe's flexible business model is a natural hedge against location specific events, including weather patterns, gas price fluctuations and other factors, allowing for lower operational risk and profitability through the cycle

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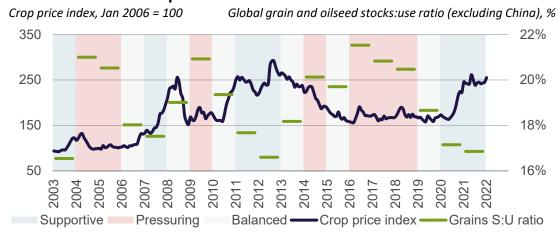


Source: CRU, Industry Publications.

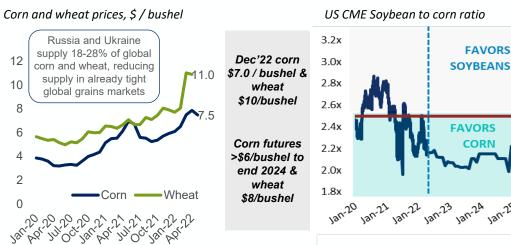


## Agricultural Fundamentals Support Robust Nitrogen Demand at Least Until 2024

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

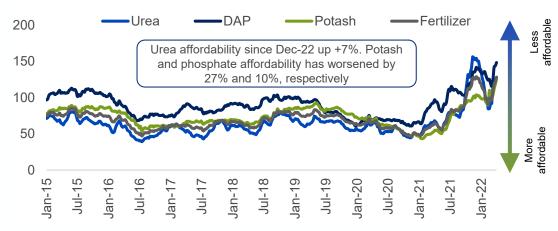


### Medium-term crop prices supported and incentive to plant corn

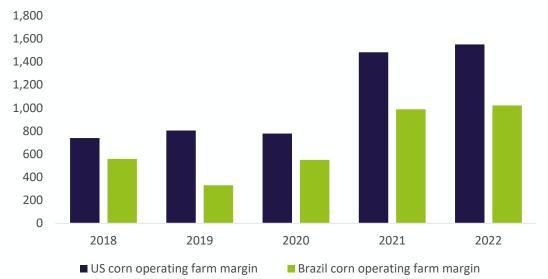


### Attractive fertilizer affordability as crop price increases outpace inputs





#### US and Brazil corn operating farm margins remain healthy, \$/ ha



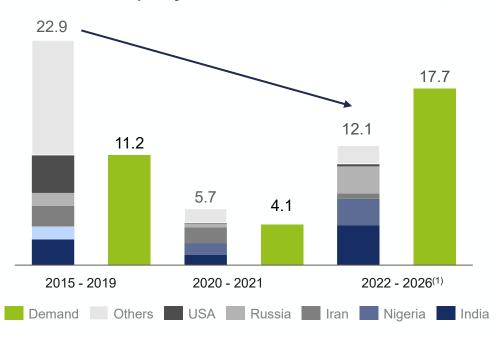
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Source: Company information, CRU, Bloomberg, USDA



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

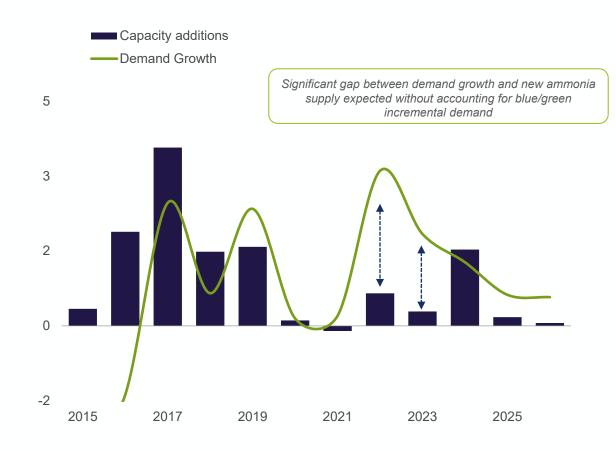
#### Ex-China urea capacity additions slow relative to 2015-19, Mt



- ✓ Demand growth expected to exceed supply growth, and new supply subject to delays and utilization rates expected to be slow to ramp up, limiting the impact on the traded market
- ✓ Russia: Ukraine conflict tightens market fundamentals further, as Russia accounts for c.25% of global merchant ammonia trade, 15% of global urea trade and 25% of global UAN trade
- ✓ 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 new plant

#### Merchant ammonia market structurally tightening

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







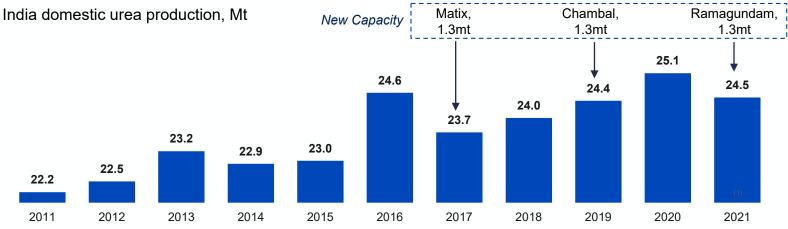
## **Supportive Dynamics In China And India With Chinese Urea Export Curtailments in 2022 And Robust Indian Import Demand**

- Chinese market balances supported by:
- The government has implemented measures to curb exports and prioritise domestic supply including mandatory summer stocking requirements until H2 2022. Expected to remain in place for full year, capping exports in 2022 to <4 Mt</li>
- High domestic crop prices and government emphasizing food security is supportive of another year of crop expansion and higher fertilizer demand
- Recovery in domestic industrial demand driven by growth in resins and higher DEF demand
- Capacity closures due to environmental regulations resulting in lower exports in 2022+
- Despite the commissioning of three world-scale plants in India over 2017-2021, domestic production has been relatively flat and decreased c.450 kt in 2021
- Capacity additions in India are subject to delays and not expected to commission in line with published government timelines supporting imports
- Further upside for Indian import demand in 2022 as domestic demand is boosted by growth in crop area and subsidies favoring urea
- In the short-term, India is expected to issue frequent tenders to replenish low inventories, 2 Mt below government target, to fulfil Kharif season requirements starting in April 2022

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



#### Indian Supply Has Remained Flat Despite New Capacity Commissioning, Supportive of Imports





Source: CRU, MMFMS, China Customs, Company Information

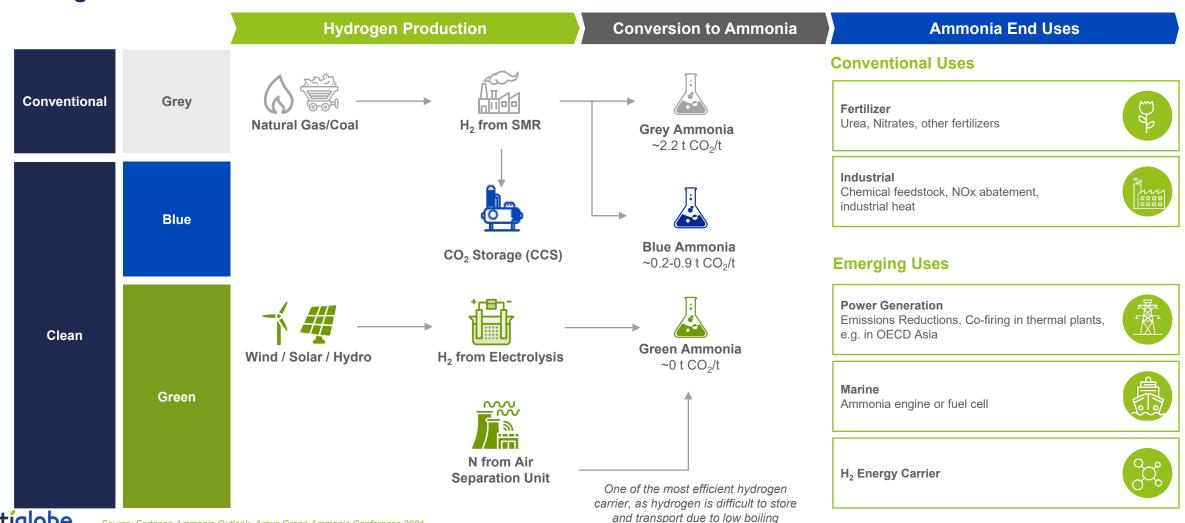


## Hydrogen and Clean Ammonia Potential



## Ammonia is Well Positioned to Capture the Hydrogen Opportunity

With >40% of Grey Hydrogen Use Today, Ammonia is a Building Block in the Emerging H<sub>2</sub> Economy Acting As Its Best Carrier



temperature (-252 C)

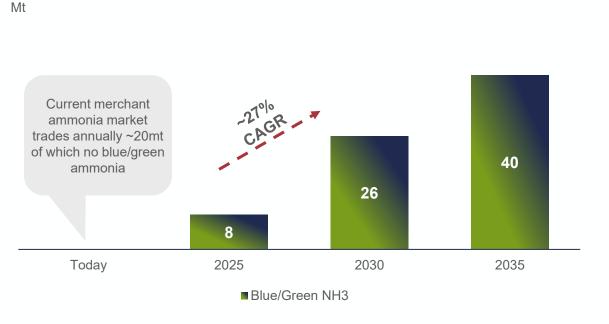


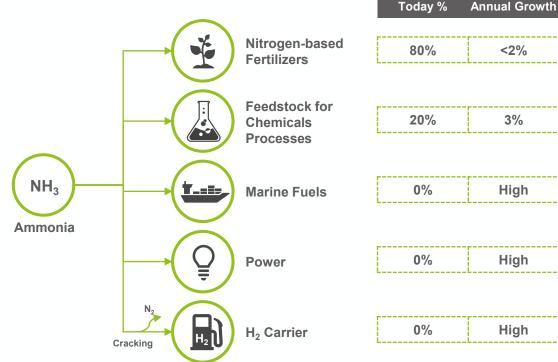
## Significant Incremental Ammonia Demand in the Medium-Term from New **Clean Energy Applications**

## Clean Hydrogen is Strongly Positioned to Lead the World's Energy Transition, and Ammonia is the **Key Enabler for Such Clean Hydrogen Energy**

- Clean hydrogen use in energy applications will be a major contributor to emission reduction across industries where abatement is difficult (e.g. steel, power, shipping, etc)
- 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
- 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







<2%

High

High

High

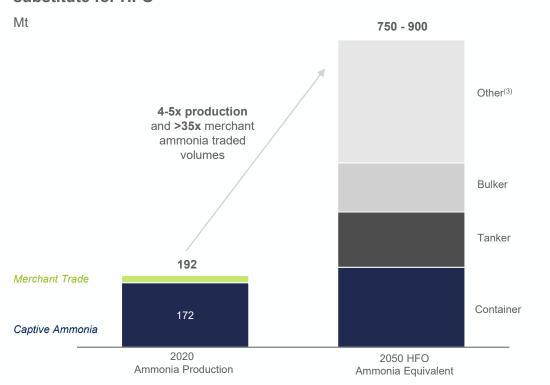


## Marine Fuel Represents a Substantial Market Opportunity for Fertiglobe

### Shipping Accounts for ~3% of GHG Emissions Worldwide

- Ammonia as a marine fuel is one of the most practical alternatives to Heavy Fuel Oil (HFO) burns cleanest when used as an energy source vs. other fuels (>50% reduction in GHG when using blue ammonia)
- Major ship owners and engine manufacturers are pursuing or exploring the use of ammonia as the shipping fuel of the future
- The existing footprint creates strategic potential for bunkering stations stopovers, with limited investment for ammonia fueled ship engines

## 2050 Outlook potential for Ammonia in the Marine Fuels Industry as a substitute for $HFO^{(1,2)}$



## Fertiglobe's Network Located at Key Bunkering Hubs on Major Shipping Lanes



Companies which are exploring or endorsing the use of ammonia as a prospective shipping fuel for the future

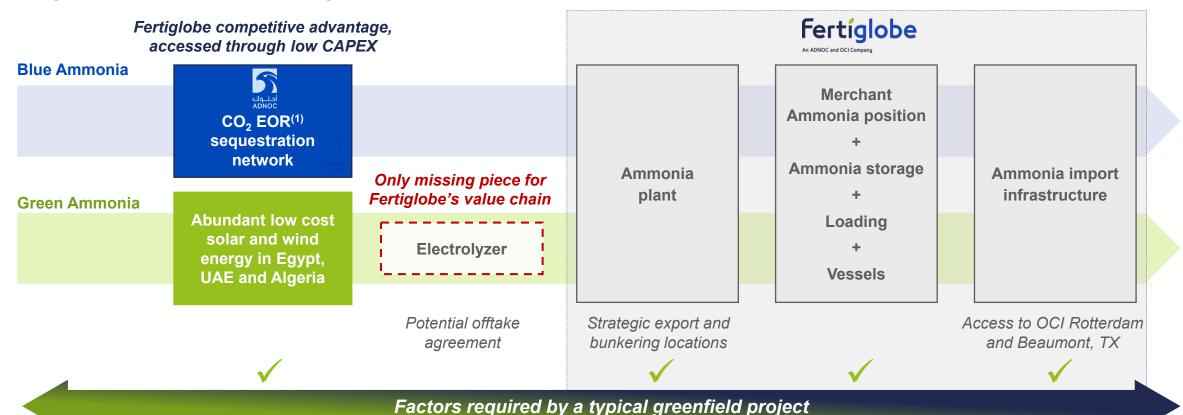






## Fertiglobe is Plug-and-Play for Low Carbon Ammonia

## **Huge Competitive Advantage in Low Carbon Ammonia Relative to Greenfields**



- Fertiglobe and its Sponsors have existing access to the entire supply chain needed for Blue and Green ammonia plants
- Potential to incrementally add green/blue hydrogen capacity without all or nothing greenfield capex spending
- Can use electrolyzers incrementally with variable output to ammonia synthesis in line with typical renewable feedstocks
- Complimentary to ADNOC and OCI's strategy





## Fertiglobe Clean Ammonia Execution Roadmap



#### Q2 2021

#### **Announcement**

of Fertiglobe participation world-scale **Blue Ammonia** Project in Abu

Dhabi



#### Q3 2021

Production of first pilot batch of Blue Ammonia out of Fertil



#### Q1 2022

# Signed collaboration agreement with Masdar and Engie for 200MW green

hydrogen facility

#### FID Blue Ammonia

Project in Abu Dhabi in partnership with ADNOC/ADQ Abu-Dhabi Blue Ammonia plant start-up with a production capacity of 1,000 ktpa

2021

2022

2023

2024

2025



#### Q3 2021

Signed an agreement with Scatec and the Sovereign Fund of Egypt to develop a 50-100 MW electrolysis plant in Egypt to produce up to 90 ktpa of Green Ammonia Implementation of Green
Ammonia project in Egypt
subject to feasibility.
Modular investment strategy
starting with small scale
hydrogen intake with ability to
incrementally grow

Targeted operational start of 200 MW Green Hydrogen Facility in Ruwais, UAE, for the production of green ammonia, in collaboration

with Masdar and Engie.

Fertiglobe is also exploring other solutions to reduce its carbon footprint such as switching to renewable electricity





## **Appendix**

FY & Q4 2021 Financial Performance

## Strong Q4 2021 Results Supported by Healthy Market Fundamentals



Q4 2021 revenues increased to \$1,184 million (+138%), while adjusted EBITDA grew 347% to \$648 million, driven by higher selling prices, more than offsetting lower volumes due to planned turnarounds. Adjusted net income increased to \$376 million in Q4 2021 compared to \$44 million in Q4 2020.



Net debt / EBITDA dropped to 0.3x as of Q4 2021, from 1.1x in Q3 2021 (pro forma), on a \$626 million reduction in net leverage compared to Q3 2021 pro forma net debt. Strong performance underscores Fertiglobe's robust and competitive position amid high energy prices in other regions.



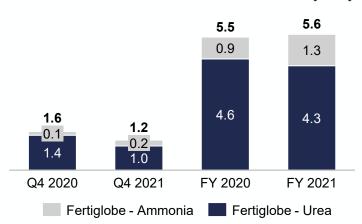
<u>Outlook</u>: By the end of Q1 2022, Fertiglobe is expected to be approximately net debt free, supporting growth opportunities and allowing for attractive dividends. Based on the current outlook for volumes and prices, Fertiglobe expects the H1 2022 interim dividend (payable October 2022) to be higher than current guidance of at least \$200 million, with an update to be provided with Q1 2022 results in May 2022.



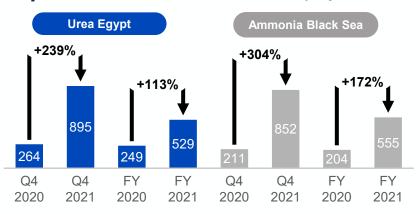


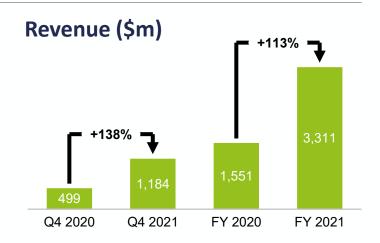
## **Strong Earnings in Q4 2021 and Full Year**

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



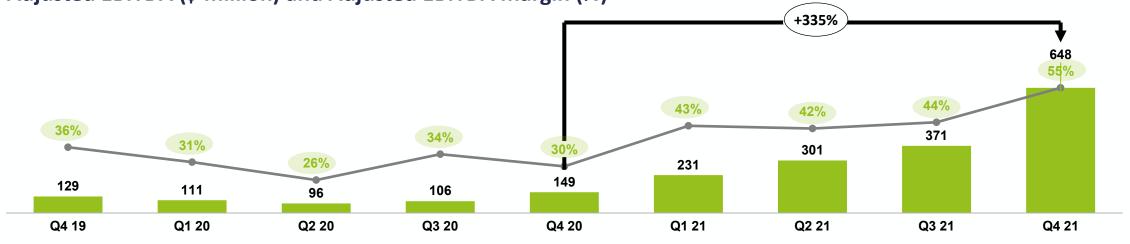
### **Key Product Benchmark Prices, \$/t**





### Adjusted EBITDA (\$ million) and Adjusted EBITDA margin (%)1

Adj. EBITDA Margin



Adjusted EBITDA — Adjusted EBITDA Margin





## 31 December 2021 Net Debt

### H1 2022 Dividend Expected to Substantially Exceed \$200 million Minimum Guidance

\$ million	31 Dec '20	PF 30 Sep '21	31 Dec '21
Cash and bank balances	535	463	899
Loans and borrowings - current	126	237	60
Loans and borrowings - non-current	545	1,339	1,326
Total borrowings	671	1,576	1,386
Net debt (cash)	136	1,113	487
Net debt / LTM Adj. EBITDA	0.3x	1.1x	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).
- Strong earnings and cash conversion during the quarter resulted in a \$626 million reduction in net debt to \$487 million as at 31 December 2021 (as compared to Q3 2021 pro forma net debt), and net debt / EBITDA to 0.3x, in line with management's previous guidance of below 1.0x by YE 2021.
- By the end of Q1 2022, Fertiglobe is expected to be approximately net debt free, supporting growth opportunities and allowing for attractive dividends.
- Fertiglobe substantially distributes all of the Company's distributable free cash flow after providing for growth opportunities, while maintaining an investment grade credit profile. Based on the present outlook for volumes and prices, Fertiglobe expects the H1 2022 interim dividend (payable October 2022) to be above the current guidance of at least \$200 million, with an update to be provided with Q1 2022 results in May 2022.





## **Appendix**

About Fertiglobe



## **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





## 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	2.1
DEF	$0.1^{(3)}$

- 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

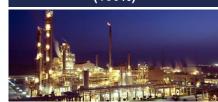




#### **Egypt**



## Egyptian Fertilizer Company (100%)



Product	mtpa
Urea	1.7
DEF	0.4(3)

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

#### **Technology Provider**



#### ypt



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



### Product mtpa

Ammonia

0.7

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

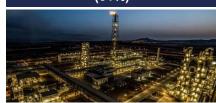
#### **Technology Provider**



#### 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



## Global In-House Commercial Capabilities in Ammonia & Urea

Strategy Focused on Selling Downstream to Customers and Limiting Role for Traders/Intermediaries,

**Leading to Structurally Higher Net-backs** 

10% global market share of combined ammonia and urea

#1 net ammonia export production capacity in MENA and top 3 globally

## Structural advantage supplemented by strong inhouse capabilities and trading platform

- Ability to generate strong trading margins and move third party product taking market share away from traders who create volatility
- Fertiglobe as both the producer and the trader always targets value creation
- Low-freight costs, duty-free access to key importing markets and direct-to-customer strategy
- Flexible approach to allocate volumes to the highest netback markets
- Diversified customer base and footprint expansion in Latin America and Asia



**Fertialobe** 



**Black Sea** 



## **Fertiglobe Gas Contracts Overview**

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

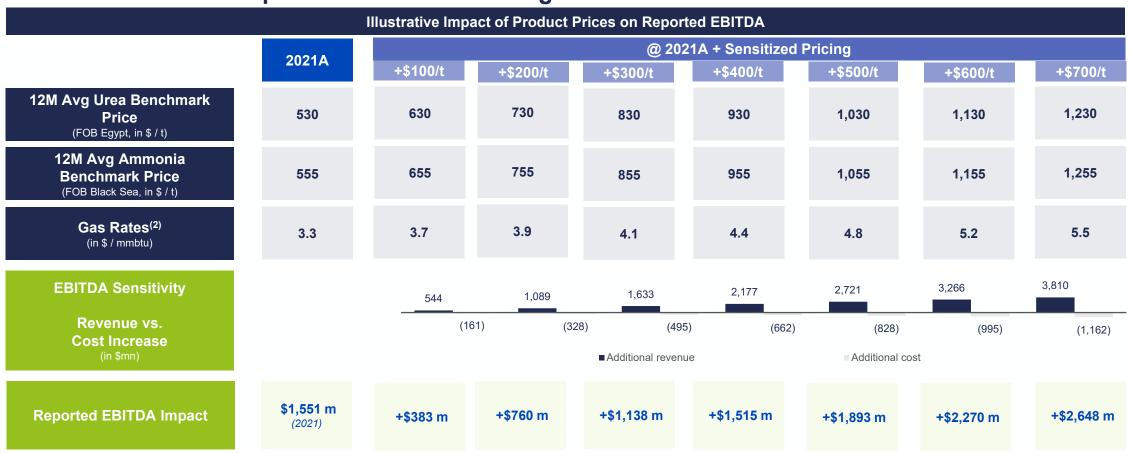
	فرتيل Fertil	EFC (1)	EBIC	SORFERT
Gas Supplier	ADNOC	GASCO <sup>(2)</sup>	EGPC <sup>(2)</sup>	Sonatrach
Contract Start Date	2019	2005 - 2006	2008	2013
Contract End Date	2044	2030 - 2031	2028	2033
Annual Contract Volume (m mmbtu)	56.0	33.5	24.0	60.7
Contract Pricing Mechanism (\$ / mmbtu)	Price determined in bi-lateral agreement:	Price determined in bi-lateral agreement:		Price is determined by national decree, with a contractual price stabilization until November 2023  O USD 1.25/MMBtu in 2021 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 in FG Equity	<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 ~\$375m



## Thank you

