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Summary of Risk Factors

Investing in bonds issued by Yara International ASA (the "Issuer") involves inherent risks. The risk factors below are a non-exhaustive summary of the risk factors included on pages 32-35 of this presentation.

RISKS RELATED TO THE ISSUER

1.1 Strategic risks
   I. Nitrogen commodity fertilizer prices
   II. Natural gas and other raw materials prices and availability
   III. Regulatory framework on production/application of nitrogen fertilizer
   IV. Investments and integration
   V. Political risk

1.2 Operational risks
   I. Production reliability
   II. Human capital
   III. Supply chain
   IV. Cyber risk / Information Security; Production Environment
   V. Cyber risk / Information Security; Office Environment
   VI. Covid-19

1.3 Financial risks
   I. Currency risk
   II. Commodity risk, interest-rate risk and credit risk

1.4 HESQ risks
   I. Health and safety
   II. Personnel security risk
   III. Natural disasters

1.5 Sanctions and regulatory risks
   I. Business activities in various countries
   II. Climate change legislation may have a material adverse effect on the Issuer’s industry

RISK RELATED TO THE BONDS

I. Liquidity risk
II. Interest rate risk
III. Market risk
1. Yara’s core and market outlook

2. Sustainable strategy

3. Financial policy and performance

4. Appendix
Yara is the world’s leading crop nutrition company

Key facts

- Established as Norsk Hydro in 1905
- Demerged as Yara International ASA in 2004
- Consolidated revenues of USD 11.7b in 2020
- Headquartered in Oslo, Norway
- President and CEO, Svein Tore Holsether
- Listed on the Oslo Stock Exchange
- About 16,000 employees

241 million
people our products help to feed

20 million
The number of farmers we collaborate with

10,800
Fully branded retail outlets

+60
The number of countries we operate in

Global market position:

- Global #1 in Nitrates
- Global #1 in NPK

1) Measured in tonnes production capacity
2) Compound NPK
We are the global leader in premium crop nutrition

**Premium fertilizers offer superior performance**

12 days after harvest

[Image of Traditional program]

3 days after harvest

[Image of Yara Program]

**Physical product offering complemented by global downstream presence and leading crop nutrition knowledge:**

- Agronomic knowledge
- Working closely with the farmer
- Digital solutions
- Food chain collaboration
Our business model is flexible and resilient

Our diversified asset footprint and global reach provides resilience

High operational flexibility:

Flexible production set-up
A significant portion of finished fertilizer production is flexible on ammonia source
Appx 75% of operating costs are variable
Strong finished product performance in 3Q despite significant ammonia curtailments

Diversified global presence
Unrivalled globally optimization ability from ammonia through finished products
Nitrogen plants outside Europe provide hedge in Europe swing scenario
Broad range of crops and customers across the world
Fertilizer demand is driven by world food consumption

Stable global nitrogen consumption pattern

Million tonnes of nitrogen consumption\(^1\)

Annual nitrogen application is critical for crops

Grain yield\(^2\) from nitrogen fertilizer
Ton per hectare

1) Source: IFA, June 2019
2) Source: Broadbalk long term trial Rothamsted UK
Global supply additions mainly within commodity products

New capacity is typically delayed and with significant uncertainty

Constructing a urea plant on average take ~5 years, only ~1/3 is realized on time

CRU expects lower growth in production than gross capacity additions in the next years

More than ~2/3 of global urea capacity is >30 years old

High and increasing investment cost

Global prices generally below the incentive price to construct new capacity

Global urea production growth ex. China (mill. tonnes)

Historical demand growth (2.6%)

<table>
<thead>
<tr>
<th>Year</th>
<th>Production growth</th>
<th>Forecast</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>-2.4</td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td>3.7</td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td>3.1</td>
<td></td>
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<tr>
<td>2017</td>
<td>3.2</td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td>0.8</td>
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<tr>
<td>2019</td>
<td>4.3</td>
<td></td>
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<tr>
<td>2020</td>
<td>2.2</td>
<td></td>
</tr>
<tr>
<td>2021</td>
<td>-2.7</td>
<td></td>
</tr>
<tr>
<td>2022</td>
<td>2.5</td>
<td></td>
</tr>
<tr>
<td>2023</td>
<td>3.4</td>
<td></td>
</tr>
<tr>
<td>2024</td>
<td>2.6</td>
<td></td>
</tr>
<tr>
<td>2025</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: CRU August 2021
Agenda

1. Yara’s core and market outlook

2. Sustainable strategy

3. Financial policy and performance

4. Appendix
Our evolution: from pure producer to solutions provider

**Producer Company**
Commodity Margin
- Asset
- Sell what we produce

**Crop Nutrition Company**
Knowledge Margin
- Product
- Build product reputation
- Crop focused approach & offerings
- Scalable farmer centric solutions
- Food Solutions
- Climate-neutral solutions
- Using our competitive edge to unlock food chain potential

2020 / 1905
Yara is broadening its business model

- Broadening our core towards food solutions
- Enabling the Hydrogen economy
- People
- Knowledge
- Our competitive edge
- Connection to Farm
- Global footprint
- Diverse and inclusive culture
- Active portfolio management
- Clear capital allocation

Driving Sustainable Performance

- Ramping up business within Clean Ammonia
## Sustainability is integrated in our business model and strategy

<table>
<thead>
<tr>
<th>Fundamental trends affecting the agricultural sector:</th>
<th>Yara response:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Climate Change</strong></td>
<td>CC impacts how and where crops can be grown, and demands agricultural efficiency improvements</td>
</tr>
<tr>
<td><strong>Circular Economy</strong></td>
<td>Increased awareness and need for nutrient recycling</td>
</tr>
<tr>
<td><strong>Technology in agriculture</strong></td>
<td>Digital solutions change how farmers operate</td>
</tr>
<tr>
<td><strong>Food value chain integration</strong></td>
<td>Increasing consumer demands: quality, environmental impact, traceability</td>
</tr>
</tbody>
</table>
Ambitious targets for absolute CO₂ emission reductions by 2030

Reduction of 45% since 2005 – Yara is well positioned to meet EU 55% target

1) EU commission target of 55% reduction by 2020 compared to 1990 levels
2) Planned but not concluded initiatives including N₂O abatement, energy efficiency, electrification, CCS and hybridization, and potential full-scale electrification of Porsgrunn ammonia plant
Yara is taking steps to enable the hydrogen economy

- **Energy distribution is the key challenge** for the hydrogen economy.
- **Ammonia is the best suited** long-distance hydrogen carrier.
- **Hydrogen production in existing ammonia plants can be made carbon-free**, at significantly lower cost than greenfield projects.
- **Global ammonia shipping and distribution exists** to enable the hydrogen economy and zero-carbon shipping.
- **Yara’s ammonia position is unique**, with leading positions across production, shipping and distribution.
- **Clean Ammonia unit established** to capture growth opportunities within green hydrogen and ammonia production, transport and distribution.
HEGRA – Norway’s largest climate initiative to enable the hydrogen economy

• Full electrification of ~500 kt ammonia unit in Porsgrunn possible, removing ~800 kt CO₂ with limited infrastructure investments required
  • Renewable power from Norwegian grid can provide 100 % hydrogen asset utilization
  • Existing deep sea coastal location and infrastructure, enabling global exports

• New company HEGRA established in partnership with Statkraft and Aker Horizons
  • By utilizing Yara's existing ammonia plant and associated infrastructure in Porsgrunn, valued at USD 450 million, total capital requirement for the project is significantly reduced

• Public funding required to bridge the cost gap in first projects
  • Full cost estimated to be 2-4x higher than conventional ammonia

• Project would eliminate one of Norway’s largest stationary CO₂ sources
  • Would make a significant contribution to Norway reaching its Paris agreement commitments
We take a broad approach to drive sustainability in our own operations and the food value chain

**Climate change**
- We are committed to set Science Based Targets and are working together with Nutrien and WBCSD\(^1\) to develop a Sectorial Decarbonization approach for our industry

**Biodiversity**
- Preserving biodiversity and soil health are at the core of Yara’s vision and mission
- We share knowledge and solutions to promote sustainable crop and soil health management, in which balanced crop nutrition plays a crucial role
- Balanced crop nutrition helps replenish soil organic content, and Yara is also piloting organic fertilizers in selected markets

**Circular Economy**
- We are exploring ways to utilize recycled materials on a larger scale and to support nutrient recycling
- We are partnering with value chain players including Veolia to develop circular economy solutions within European food and agriculture value chains

**Water stress**
- We measure and report on water consumption (2% of Yara’s water withdrawal was in water-stressed areas in 2020)
- We are developing roadmaps and setting KPIs for each production site
- Correct crop nutrition can substantially reduce freshwater consumption in agriculture, and we work with farmers to share knowledge and offer solutions that optimize both nutrient and water management

---

1) World Business Council for Sustainable Development
Safe and responsible operations are the backbone of our business

Safety
Ensuring a safe and compliant workplace for employees and partners, with zero injuries as our ambition

Responsible business conduct
- Respect for human rights is integrated in our Compliance Program and processes
- Clear expectation that business partners follow our ethical guidelines (Business Partner Code of Conduct) and comply with laws and regulations, as well as internationally recognized standards for human rights, employee rights and ethical business conduct

Diversity, inclusion and engagement
- A diverse and inclusive culture is a key enabler for long-term innovation, transformation and value creation
- Corporate KPIs to drive performance and track progress:
  - Engagement index
  - Diversity and inclusion index
  - Share of female senior managers
Integrated and holistic performance management and governance

Performance management

**Dimensions:**
- People
- Planet
- Prosperity

**Transparency - initiatives:**
- Integrated reporting
- Taskforce for Climate Financial Related Disclosures
- Science based targets process
- Carbon Disclosure Project

**Governance structures integrate sustainability and drive holistic thinking:**
- Board Audit and Sustainability Committee established, reinforcing Board oversight
- Executive compensation tied to People, Planet, Prosperity scorecard
- Embedding material sustainability issues into core business processes
- Engaging with stakeholders directly and indirectly through industry associations

**ESG Ratings: 1)**

<table>
<thead>
<tr>
<th>Rating Source</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sustainalytics</td>
<td>Medium</td>
</tr>
<tr>
<td>CDP</td>
<td>B</td>
</tr>
<tr>
<td>EcoVadis</td>
<td>Platinum</td>
</tr>
<tr>
<td>Vigeo Eiris</td>
<td>Advanced</td>
</tr>
<tr>
<td>MSCI</td>
<td>A</td>
</tr>
</tbody>
</table>

1) ESG ratings as of 04.10.2021
Agenda

1. Yara’s core and market outlook

2. Sustainable strategy

3. Financial policy and performance

4. Appendix
Stable capital structure and credit rating targets

• Maintain strong credit ratings in line with Yara's strategy:
  o Mid investment-grade credit ratings: BBB (S&P) / Baa2 (Moody’s)
  o Mid to long-term target FFO\(^1\) / net debt of 0.40-0.50 and floor of 0.30

• Targeted capital structure
  o Mid to long-term Net debt / EBITDA\(^2\) of 1.5-2.0
  o Maintain a net debt / equity ratio below 0.60

• Conservative investment approach
  o Strong capital discipline with max capital expenditure of USD 1.2bn per year
  o Actively seeking partnerships and utilizing capital markets to fund decarbonization
  o Internal carbon price implemented in capital value process

• Shareholder returns
  o Ordinary dividend; 50% of net income subject to the above requirements
  o Shareholder returns are distributed primarily as cash

Credit Rating history

<table>
<thead>
<tr>
<th>Year</th>
<th>BBB+/Baa1</th>
<th>BBB/Baa2</th>
<th>BBB-/Baa3</th>
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<tbody>
<tr>
<td>2005</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2021</td>
<td></td>
<td></td>
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</tr>
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</table>

Yara’s debt ratios as of 3Q 2021

<table>
<thead>
<tr>
<th>Ratio</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net debt / EBITDA(^2)</td>
<td>1.31</td>
</tr>
<tr>
<td>Net debt / equity</td>
<td>0.48</td>
</tr>
</tbody>
</table>

1) FFO calculated based on Standard & Poor’s methodology
2) EBITDA ex special items 12-months rolling. For definition and reconciliation of EBITDA, see APM section in 3Q report, page 29
Improved financial performance driven by internal improvements, capital discipline and market conditions

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
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<tr>
<td></td>
<td>11,400</td>
<td>13,054</td>
<td>12,936</td>
<td>11,728</td>
<td>14,442</td>
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<table>
<thead>
<tr>
<th>EBITDA ex special items¹ (MUSD)</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>L12M Sept 2021</th>
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<tr>
<td></td>
<td>1,430</td>
<td>1,525</td>
<td>2,165</td>
<td>2,161</td>
<td>2,637</td>
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<tr>
<td></td>
<td>2,367</td>
<td>3,794</td>
<td>3,725</td>
<td>2,930</td>
<td>3,450</td>
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<table>
<thead>
<tr>
<th>Investments² (BUSD)</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1.6</td>
<td>2.2</td>
<td>1.0</td>
<td>0.8</td>
<td>1.1</td>
<td>1.2</td>
</tr>
</tbody>
</table>

¹ Alternative performance measures are defined, explained and reconciled to the Financial statements in the APM section of the 3Q report on pages 29-34
² 2021 onwards represents committed maximum frame
Yara’s operating segments

Regions

Fully integrated segments comprising production, supply chain and commercial operations

Industrial Solutions

Nitrogen-based solutions and services across industries

Global Plants

Operates Yara’s largest and export-oriented plants, and drives operational improvements across Yara’s entire production system

Clean Ammonia

Ammonia trade & shipping, green and blue ammonia projects

EBITDA ex. special items\(^1\) as of 3Q 2021 (MUSD)

Europe | Americas | Africa and Asia
--- | --- | ---
620 L12M | 792 L12M | 292 L12M
343 L12M | 515 L12M | 145 L12M

\(^1\) EBITDA ex. special items 12-months rolling. For definition and reconciliation of EBITDA ex. special items see APM section of 3Q report, page 29
# Yara Improvement Program (YIP) performance as of 3Q21

## Ammonia production

<table>
<thead>
<tr>
<th>Year</th>
<th>Million tonnes</th>
<th>Portfolio adjustment³</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>7.9</td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td>7.8</td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td>7.7</td>
<td></td>
</tr>
<tr>
<td>L12M</td>
<td>7.8</td>
<td></td>
</tr>
<tr>
<td>2023 target</td>
<td>8.9</td>
<td></td>
</tr>
</tbody>
</table>

## Finished product production

<table>
<thead>
<tr>
<th>Year</th>
<th>Million tonnes</th>
<th>Portfolio adjustment³</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>20.9</td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td>21.1</td>
<td></td>
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<tr>
<td>2020</td>
<td>21.3</td>
<td></td>
</tr>
<tr>
<td>L12M</td>
<td>21.7</td>
<td></td>
</tr>
<tr>
<td>2023 target</td>
<td>23.9</td>
<td></td>
</tr>
</tbody>
</table>

## Ammonia energy consumption

<table>
<thead>
<tr>
<th>Year</th>
<th>GJ/ton</th>
<th>Portfolio adjustment³</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>34.1</td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td>33.7</td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td>33.2</td>
<td></td>
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<tr>
<td>L12M</td>
<td>33.2</td>
<td></td>
</tr>
<tr>
<td>2023 target</td>
<td>32.7</td>
<td></td>
</tr>
</tbody>
</table>

## Fixed costs¹

<table>
<thead>
<tr>
<th>Year</th>
<th>MUSD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>2231</td>
</tr>
<tr>
<td>2019</td>
<td>2291</td>
</tr>
<tr>
<td>2020</td>
<td>2322</td>
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<tr>
<td>L12M</td>
<td>2423</td>
</tr>
<tr>
<td>2023 target</td>
<td>2314</td>
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</table>

## Operating capital²

<table>
<thead>
<tr>
<th>Year</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>104</td>
</tr>
<tr>
<td>2019</td>
<td>115</td>
</tr>
<tr>
<td>2020</td>
<td>113</td>
</tr>
<tr>
<td>L12M</td>
<td>90</td>
</tr>
<tr>
<td>2023 target</td>
<td>92</td>
</tr>
</tbody>
</table>

## Comments:

- Positive finished product performance, ammonia production and energy consumption impacted by reliability issues
  - Europe curtailments will impact energy efficiency and CO₂ emission intensity
- Temporary fixed costs increase in line with 4Q20 communication, offset by lower capex
- Continued operating capital improvement, driven by inventory and receivable days

---

1) For reconciliation of Fixed costs to Operating costs and expenses, see APM section of 3Q report, page 32
2) Operating capital excluding prepayments from customers. For reconciliation of Operating capital days, see APM section of 3Q report, page 33
3) Portfolio change impact (ammonia: Trinidad plant closure 250kt, finished products: Salitre 900kt)
Yara has access to a broad range of debt financing

Yara’s interest-bearing debt\(^1\) per end 3Q21

- Gross Debt: 3,522
- Net Debt: 3,032

Debt Maturity Profile (MUSD)\(^1\)

- 2021: NOK Bonds, SEK Bonds
- 2022: NOK Bonds, SEK Bonds, USD Bonds
- 2023: NOK Bonds, SEK Bonds, USD Bonds
- 2024: NOK Bonds, SEK Bonds, USD Bonds
- 2025: NOK Bonds, SEK Bonds, USD Bonds
- 2026: NOK Bonds, SEK Bonds, USD Bonds
- 2027: NOK Bonds, SEK Bonds, USD Bonds
- 2028: USD Bonds
- 2029: USD Bonds, Other
- 2030: USD Bonds, Other

Yara has an undrawn Revolving Credit Facility of USD 1,100 million with margin linked to Carbon Intensity\(^2\)

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1) Excl. capital and operational lease arrangements
2) Yara was the first company in Norway to establish a sustainability linked RCF in 2019
Our key credit highlights

- Globally diversified with production and distribution in all major regions
- Resilient market position anchored in global food demand
- Sustainability integrated in strategy and business model
- Clear long-term commitment to maintain BBB/Baa2 rating target
- Improving cash flows and returns
- Stable and long-term Norwegian government ownership of 36.2%
Agenda

1. Yara’s core and market outlook
2. Sustainable strategy
3. Financial policy and performance
4. Appendix
Driving sustainable performance with an integrated scorecard

<table>
<thead>
<tr>
<th>People</th>
<th>Planet</th>
<th>Prosperity</th>
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</thead>
<tbody>
<tr>
<td>Yara KPI</td>
<td>2020</td>
<td>L12M</td>
</tr>
<tr>
<td>Strive towards zero accidents</td>
<td>1.3</td>
<td>1.1</td>
</tr>
<tr>
<td>Engagement Index¹</td>
<td>79%</td>
<td></td>
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<tr>
<td>Diversity and inclusion¹ index</td>
<td>74%</td>
<td></td>
</tr>
<tr>
<td>Female senior managers</td>
<td>24%</td>
<td>27%</td>
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</tbody>
</table>

1) Measured annually
2) Energy efficiency target is for 2023
3) GHG absolute emissions scope 1+2 target is for 2030 with a 2019 baseline
4) Cropland with digital farming user activity within defined frequency parameters
5) Reported upon updates
6) YIP target for 2023
7) Alternative performance measures are defined, explained and reconciled to the Financial statements in the APM section of the 3Q 21 Report on pages 29-34
8) CAPEX max 1.2 for 2022 onwards (including maintenance)
Natural gas spike in Europe has driven up global nitrogen prices

**Natural gas prices, TTF, USD/MMBtu**

**Urea price development, USD per ton, key references**
Risk Factors (I/IV)

Risk Factors
Investing in bonds issued by Yara International ASA (the "Issuer") involves inherent risks. This summary is intended to highlight some of those risks, but is not intended to be exhaustive. The risk factors included in this section are presented in a limited number of categories, where each risk factor is sought placed in the most appropriate category based on the nature of the risk it represents. The order in which the risks are presented below is not intended to provide an indication of the likelihood of their occurrence nor of their severity or significance. The absence of negative past experience associated with a given risk factor does not mean that the risks and uncertainties of that risk factor do not represent genuine or potential threats, and they should therefore be thoroughly evaluated prior to making an investment decision.

Prospective investors should consider, among other things, the risk factors set out in this Presentation before making an investment decision. The risks and uncertainties described herein are risks of which the Issuer is aware and that the Issuer considers to be material to its business. If any of these risks, or any other risks and uncertainties not presently known to the Issuer, or that it currently deems immaterial or have not been included herein, materialize (individually or together with other risks or circumstances), it could have a material adverse effect on the Issuer’s business, financial position, operating results or cash flows, and the Issuer could be unable to pay interest, principal or other amounts on or in connection with its bonds.

It is an inherent risk when investing in bonds issued by the Issuer that an investor may lose all or part of its investment. Such investment is therefore suitable only for investors who understand the risk factors associated with this type of investment and who can afford a loss of all or part of their investment.

1. RISKS RELATED TO THE ISSUER

1.1 Strategic risks

Nitrogen commodity fertilizer prices
A large part of the Issuer’s business consists of sales of fertilizer products used in agriculture. While a growing world population, economic growth and changing dietary patterns are driving overall demand for food and fertilizer, swings in agricultural prices along with changes in global and regional fertilizer production capacity, particularly from China, could significantly impact the Issuer’s profitability.

Natural gas and other raw materials prices and availability
Due to natural gas being a key raw material in the production of nitrogen-based chemicals and fertilizer products, the pricing and availability of natural gas across regions is a strategic factor for the Issuer. In Europe, future developments are linked to Gazprom’s appetite for gas exports alongside winter temperatures on the northern hemisphere.

The Issuer purchases phosphate rock (apatite), energy, chemicals, ammonia and potash from a limited number of suppliers with limited alternatives. There can be no assurance that the Issuer’s supply of natural gas and other essential raw materials will not be delayed or interrupted and the availability and prices of natural gas and other raw materials may be negatively affected by, among other factors: geopolitical tensions, the imposition of sanctions, sudden increases in the market prices for raw materials, or, interruptions in production by suppliers. As an example, the Issuer announced on 17 September 2021 a curtailment of 40% of its European ammonia production capacity due to record high natural gas prices in Europe. Securing access to and stable supplies of favorably priced natural gas is imperative to the Issuer’s operations and competitiveness.

Regulatory framework on production/application of nitrogen fertilizer
There is an increasing trend of stricter governmental regulations impacting both production economics (Emission trading system in Europe) and application of fertilizer related both to the environmental aspects and safety related aspects of handling and applying fertilizer. These regulations could have a substantial impact on the Issuer’s earnings.
Risk Factors (II/IV)

**Investments and integration**
The Issuer has an ambition to grow profitably, both organically and through step growth initiatives. The profitability of future growth initiatives relies on long-term price assumptions and future operational performance. Integration of new companies poses a risk of not being able to capture operational and financial synergies.

**Political risk**
The Issuer’s investments and operations may be affected as a result of changes in political leadership, policies and regulations as well as political and social instability in a country or a region. Such changes could represent significant challenges to the Issuer’s investments and operations in such countries and regions.

**1.2 Operational risks**

**Production reliability**
Production unreliability and irregularities may result in lost volumes and revenues. Accidents or mishandling involving hazardous substances could cause severe damage or injury to property, the environment and human health, as well as a possible disruption of supplies and markets.

**Human capital**
The Issuer’s ability to compete effectively and meet market demands depends heavily on the competence, experience and performance of its employees. Qualified, diverse and skilled staff is essential for the Issuer’s business to be successful.

**Supply chain**
The Issuer faces internal and external risks, in the production, industrial and crop nutrition part of the supply chain. Bottlenecks and inefficiencies in the planning, procurement, transport, handling or delivery of products may affect the Issuer’s ability to honor its commitments and could negatively impact the Issuer’s performance. In particular, the Issuer has been experiencing supply chain disruptions related to COVID-19 and government measures in response to the pandemic. Although nitrogen fertilizers have so far been exempt from the supply chain barriers established by many governments, on the basis of their importance to the food chain, there can be no guarantee that the Issuer’s contingency plans will mitigate any potential disruptions along its supply chain.

**Cyber risk / Information Security; Production Environment**
Unauthorized remote access to digital industrial control systems may have potential impact that reaches from an undesired plant shut-down, up to critical conditions causing significant safety and reliability risks, financial and reputational damage. Ransomware is the main identified threat for cyber risk, even though not the only one.

**Cyber risk / Information Security; Office Environment**
Unauthorized access to confidential or strictly confidential data, unintended changes and/or unavailability of business critical data can negatively impact the Issuer’s internal processes as well as lead to severe financial and reputational damage. Ransomware is the main identified threat for cyber risk, even though not the only one.
Risk Factors (III/IV)

COVID-19
There is still significant uncertainty to the breadth and duration of business disruptions related to the COVID-19 outbreak, including store and plant closures, as well as its long- and short-time impact on the global economy and consumer confidence. The extent to which COVID-19 will impact the Issuer’s results depend on future developments, which are still uncertain and cannot be predicted, including new information which may emerge and the actions being continued to contain it or treat its impact. Although the Issuer’s operations have currently been running without significant disruption related to COVID-19, the situation is still uncertain and could change quickly.

1.3 Financial risks
Currency risk
As the Issuer’s fertilizer business is essentially a US dollar business, prices of the Issuer’s most important products and raw materials are either directly denominated or determined in US dollars. For instance, the Issuer has a large cost base in Europe, primarily denominated in euro. As a result, a weakening U.S. dollar against the euro can adversely affect the Issuer’s results of operations. Further, there is a country risk exposure with focus on transfer risk for certain high-risk countries. Risk exposures related to macro and financial markets, in addition to high-risk countries and currency exposure are closely monitored.

Commodity risk, interest-rate risk and credit risk
The Issuer is exposed to commodity risk, interest-rate risk and credit risk arising from operating and financing activities. Interest rates on different currencies vary based on overall economic conditions and political actions, which will influence the Issuer’s funding cost over time.

1.4 HESQ risks
Health and safety
The Issuer’s production sites are large industrial plants, and many of the Issuer’s raw materials, intermediates and products are classified as substances dangerous to the health. Such a working environment contains various potential occupational health and safety risks to employees and contractors working on site. While the Issuer’s raw materials are often dangerous chemicals, the final fertilizers typically are not classified as hazardous, and the occupational health and safety risk at the use phase is minor.

Personnel security risk
The Issuer’s global activity may be exposed to threats from; criminals, terrorists, activists, local population, competitors and States which could harm the Issuer’s operations and activity, and pose security risks to the Issuer’s personnel, the environment the Issuer works in, the Issuer’s assets and its reputation.

Natural disasters
The Issuer’s production and logistics operations are characterized by substantial investments in complex production facilities, manufacturing and transportation equipment, and many of the Issuer's production processes, raw materials and certain finished products are potentially destructive and dangerous in uncontrolled or catastrophic circumstances, including fires, explosions, accidents and major equipment failures, which could be directly or indirectly affected by natural disasters.

Further, some of the countries in which the Issuer operates periodically experience adverse weather conditions and natural disasters, which could limit the use of available infrastructure, which may lead to delays and stop in projects or in the supply chain of the Issuer.
Risk Factors (IV/IV)

1.4 Sanctions and regulatory risks

Business activities in various countries

The Issuer currently conducts business, and could in the future decide to take part in new business activities, in locations where certain parties are or may become subject to trade sanctions imposed by the UK government, EU Commission, U.S. government or other governments. No assurance can be made that the Issuer’s policies will always ensure that it is in compliance with sanctions regulations, and the Issuer may in the future enter into transactions that breach these sanctions. If the Issuer were to be in non-compliance with applicable sanctions in the future, this could result in substantial fines and negative publicity, and could have a material adverse effect on investments in the Bonds.

Climate change legislation may have a material adverse effect on the Issuer’s industry

Continued public concern regarding climate change, the extent to which it is caused by human activity and potential efforts to mitigate such change through regulation could have a material impact the Issuer's business. International agreements, national and regional legislation, and regulatory measures to limit greenhouse gas ("GHG") emissions are currently in place or in various stages of discussion or implementation. Given that some of the Issuer's operations are associated with emissions of GHGs, these and other GHG emissions-related laws, policies and regulations may result in substantial capital, compliance, operating and maintenance costs. The level of expenditure required to comply with these laws and regulations is uncertain and is expected to vary depending on the laws enacted at various levels. For example, the United Nations COP21 Climate Change Conference in Paris in December 2015 produced the “Paris Agreement,” which requires participating nations to reduce GHG emissions every five years, beginning in 2023, but does not include proposals specifically targeting the Issuer's industry. In addition, in May 2020, the European Commission communicated the EU Biodiversity Strategy and Farm To Fork Strategy for 2030. These strategies articulate a series of proposals related to, among other things, the reduction of pollution as a result of nitrogen and phosphorous flows from fertilizer. The European Commission has estimated that the implementation of these proposals, which remain subject to ongoing review and approval, would require at least a 20% reduction in the use of fertilizers in the EU. Such emission reduction targets, climate change legislation or similar legislative or regulatory initiatives and policies enacted in the future by the countries in which the Issuer operate, could adversely impact the Issuer's business by imposing increased costs in the form of taxes or for the purchase of emission allowances.

2. RISK RELATED TO THE BONDS

Liquidity risk

There is a risk that no efficient or liquid market will develop for the bonds. Lack of demand for the bonds may result in a loss for bondholders.

The price of a single bond issue will fluctuate in accordance with the interest rate and credit markets in general, the market view of the credit risk of that particular bond issue, and the liquidity of this bond issue in the market. In spite of an underlying positive development in the Issuer’s business activities, the price of a bond may fall independent of this fact.

Interest rate risk

To the extent the bonds carry a fixed rate not varying with changes in interest rate levels, there is a risk that subsequent changes in market interest rates may adversely affect the value of the bonds.

Market risk

There is a risk that the value of the Bonds will decrease due to the change in market conditions. The price of a single bond issue will fluctuate in accordance with the interest rate and credit markets in general, the market view of the credit risk of that particular bond issue, and the liquidity of this bond issue in the market. In spite of an underlying positive development in the Issuer’s business activities, the price of a bond may fall independent of this fact. Bond issues with a relatively short tenor and a floating rate coupon rate do however in general carry a lower price risk compared to bonds with a longer tenor and/or with a fixed coupon rate.

No market-maker agreement is entered into in relation to this bond issue, and the liquidity of the Bonds will at all times depend on the market participants view of the credit quality of the Issuer as well as established and available credit lines.