

# Yara Clean Ammonia



**Introduction to Yara Clean Ammonia** 

Fueling a Zero-Carbon Future

### **Disclaimer**

NOT FOR RELEASE, PUBLICATION OR DISTRIBUTION, DIRECTLY OR INDIRECTLY IN WHOLE OR IN PART, IN OR INTO THE UNITED STATES, THE UNITED KINGDOM, AUSTRALIA, NEW ZEALAND, CANADA OR JAPAN OR ANY OTHER JURISDICTION OR ANY OTHER JURISDICTION OR ANY OTHER MEASURES.

IMPORTANT: YOU MUST READ THE FOLLOWING BEFORE CONTINUING. This document has been prepared by Yara International ASA ("YCa"), which will be the holding company of the Yara Clean Ammonia business (the "YCA Business"), any oral presentation of the information in this document by Yara, YCA or any person on behalf of Yara, any question-and-answer session that follows any such oral presentation and any materials distributed in connection with the presentation (collectively, the "information").

THIS PRESENTATION IS NOT AN OFFER TO BUY ANY SECURITIES IN ANY JURISDICTION. THIS PRESENTATION DOES NOT CONSTITUTE OR FORM PART OF ANY OFFER FOR SALE OR SOLICITATION OF ANY OFFER TO BUY ANY SECURITIES NOR SHALL IT OR ANY PART OF IT FORM THE BASIS OF OR BE RELIED UPON FOR ANY OFFER TO BUY ANY SECURITIES. THE INFORMATION IS FOR GENERAL INFORMATIONAL PURPOSES ONLY (AND MUST NOT BE RELIED UPON FOR ANY PURPOSE), AND ITS CONTENT IS NOT BE SECURITIES. THE INFORMATION IS NOT BE RELIED UPON FOR ANY PURPOSES, AND ITS CONTENT IS NOT BE SECURITIES LAWS IN ANY JURISDICTION. No reliance may or should be placed by any person on the information or nits completeness, accuracy or fairness. The Information is subject to updating, revision, amendment, verification, correction and completion. The Information has been prepared by Yara and has not been independently verified. This document was prepared, and the analyses contained in it based, in part, on certain assumptions made by the information obtained from Yara and/or from other sources. No representation, warranty or undertaking, express or implied, is made as to, and no reliance should be placed on, the fairness, accuracy, completeness or correctness of the information or opinions contained herein or of the views given or implied and nothing in the Information is, or shall be relied upon as, a promise or representation. None of Yara, YCA, any of their affiliates or any of their respective employees, officers, directors, divisors, representations or agents shall have any liability whatsoever (in negligence or otherwise, whether direct or indirect, in contract, tort or otherwise) for any errors or omissions or any loss howsoever arising from any use of this presentation or its contents or otherwise arising in connection with this presentation. The information and opinions in this presentation are provided as at the date hereof and are subject to change without notice. In providing the Information, none of Yara, YCA, any of their respective directors, officers, employees, agents

The financial information included in this presentation is presented on the basis of the Clean Ammonia Business Segment as reflected in Yara's consolidated accounts for the relevant periods as set out in this document. In particular, certain project related costs and certain of Yara's administrative and corporate overhead costs are not reflected in, or allocated to, the YCA Business segment - such business segment - such business segment - such business segment - such business segment as reflected in, the YCA Business segment reporting will remain with the YCA Business elements presented as part of Yara will be part of YCA, which net reduces the revenues, expenses, results and volumes presented in YCA Business Segment nor in YCA's combined financial information.

This presentation contains financial information regarding the businesses and assets of YCA. Such financial information may not have been audited, reviewed or verified by any independent accounting firm. The inclusion of such financial information in this presentation or any related presentation or any related presentation or any related presentation or warranty by Yara, YCA, their affiliates, or any of their respective directors, officers, employees, agents or advisers as to the accuracy or completeness of such information's portrayal of the financial condition or results of operations by YCA. This presentation includes certain non-IFRS financial measures and other metrics which have not been subject to a financial audit for any period and may be based solely on management accounts and estimates of YCA. These non-IFRS financial measures, as defined by Yara and YCA, may not should they be considered as an alternative to the historical financial results or other indicators of the performance based on IFRS. The unaudited prospective financial information and the non-IFRS financial measures contained in this presentation are based on a number of assumptions that are subject to inherent uncertainties subject to change. Accordingly, such information may change and such changes may be material. The foregoing information has not been audited or reviewed by YCA's independent auditors and should not be regarded as an indication, forecast or representation by Yara or YCA or any other person regarding YCA's performance for the abovementioned period. Certain financial and statistical information in this presentation has been subject to rounding off adjustments. Accordingly, the sum of certain data may not conform to the expressed total. YCA uses several key operating measures to track the performance of the portfolio and business. None of these items are a measure of financial performance under generally accepted accounting principles, including IFRS, nor have these measures been reviewed by an external auditor, consultant

The Information may include forward-looking statements or certain medium- and long-term objectives. All statements of historical fact referred to in the Information are forward-looking statements. Forward-looking statements concern YCA's current expectations, intentions, beliefs and/or projections relating to its financial condition, results of operations, plans, objectives, future performance and business. These statements may include, without limitation, any statements preceded by, followed by or including words such as "target," "aim," "plan," "likely," "would," "may," "viil," "should," "except," "anticipate," "groject," "estimate," "intend," "continue," or "believe" or the negatives thereof or other variations thereon or comparable terminology or other forms of projections. The presentation also includes certain forward-looking information also includes certain forward-looking information also includes certain forward-looking information and medium- and long-term objectives related to YCA's pipiline. Such information is given only as of this date and, except as may be required by law, Yara and YCA are under no obligation to provide any update. By their nature, forward-looking statements and medium- and long-term objectives involve a number of risks, uncertainties and assumptions which could cause actual results or events to differ materially from those expressed or implied by the forward-looking statements or medium- and long-term objectives contained in this presentation conditions, changing politics, changing past trends or activities should not be taken as a representation that such trends or activities will continue in the future. YCA's ability to implement forward-looking statements or medium- and long-term objectives contained in this presentation. In addition, even if YCA's results of operations, including the financial condition or results of operations will not be materially different f

The Information includes market and industry data and forecasts which were obtained from internal surveys, estimates, experts and studies, where appropriate, as well as external market research, publicly available information and industry publications. There are limitations with respect to the availability, accuracy, completeness and comparability of any such market and industry data and forecasts. None of Yara, YCA, their affiliates or any of their respective directors, officers, advisors and employees have independently verified the accuracy of any such market and industry data and forecasts are included herein for information purposes only. Accordingly, undue reliance should not be placed on any of the industry or market data contained in the Information.

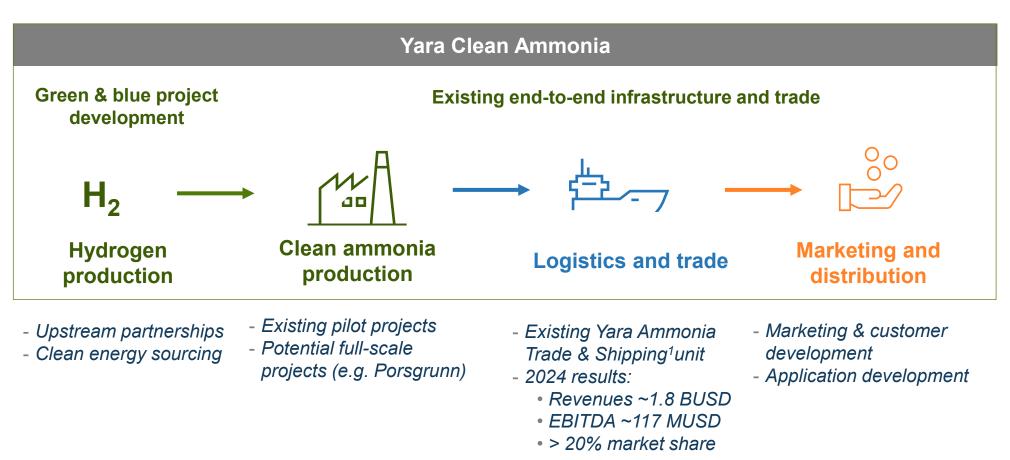
Any securities of YCA have not been, and will not be, registered under the U.S. Securities Act of 1933, as amended (the "Securities Act"), or the securities laws of any state or other jurisdiction of the United States and any such securities may not be offered or sold within the United States except to qualified institutional buyers in reliance on an exemption from registration under the Securities Act. There will be no public offer of any securities of YCA in the United States.

The materials and this presentation are subject to Norwegian law, and any dispute arising in respect thereof is subject to the exclusive jurisdiction of Norwegian courts with Oslo District Court (Nw: Oslo tingrett) as agreed exclusive venue.

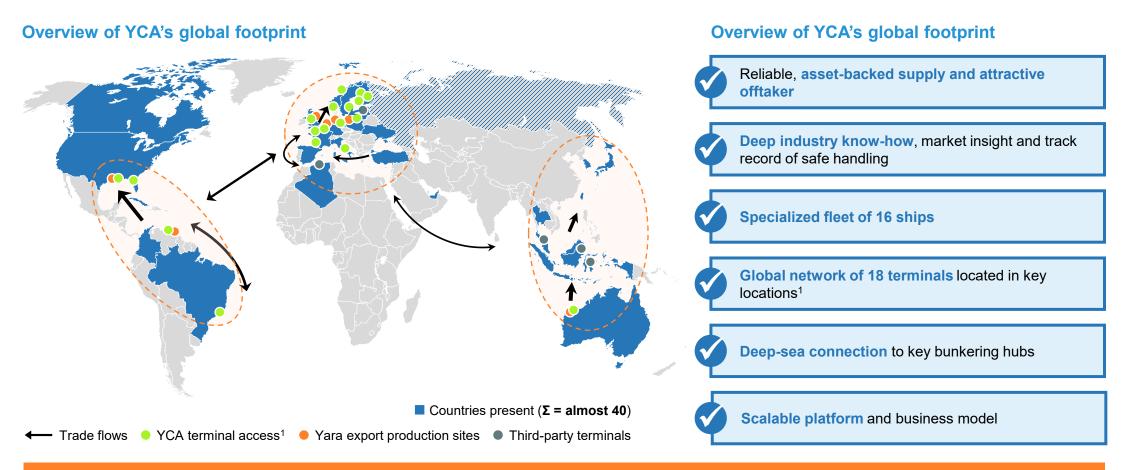




# YCA is a leading global ammonia platform well-positioned to capture the market for clean ammonia



# YCA has an established global network with access to asset-backed supply



#1 global player with >20% market share<sup>2</sup> and leading positions in key regions



Source: Company information; Argus market study

2) Based on volumes of traded ammonia in 2021 - Argus market study (2022)

YCA has exclusive access, and manages and optimizes use of Yara's ammonia tank infrastructure at terminals through sourcing and supply agreements with Yara

# YCA has a mature project portfolio, leveraging on Yara's asset footprint and YCA's leading1 midstream position

#### Blue ammonia

Robust pipeline with solid project economics and profitability without need for further subsidies



#### Green ammonia

Early mover strategy where government support will be required – anticipated lower costs in the future will increase competitiveness



Selected project candidates



**Selected project candidates** 



Well-positioned with a maturing project hopper and additional long-term opportunities

#### **Key success factors**

th

Access to existing production assets that can be converted to blue or green at lower costs compared to greenfield investments



Knowledge and experience built through Yara's almost 100 years of ammonia track record and over 8mT ammonia production capacity<sup>3</sup>



Market leading position makes YCA the preferred offtaker and partner for Yara and other third-parties, in turn enabling new projects



Source: Company information

- 1) Based on volumes of traded ammonia in 2022 Argus market study (2023)
- Estimated volume by the YCA for the selected projects, excluding third-party project offtake
- 3) Ammonia production capacity as of 2023.

## Yara Pilbara Decarbonization Strategy & Initiatives



#### Western Australia's major CCS projects and heavy industry facilities



#### Yuri

- $\checkmark$  Up to **600 TPA-H<sub>2</sub>** (or **3,500 TPA-NH<sub>3</sub>**)
- ✓ Project Specs
  - 18 MW Solar
  - 8MW BESS
  - 10MW Electrolyzer
- ✓ Fundings from WA State Government & Australian Federal Government
- ✓ Expected H<sub>2</sub> COD: 2026

#### Pilbara CCS

- ✓ Capture ~1.1 MTPA-CO<sub>2</sub>
- Pilbara CCS hub with shared infrastructure for other emitters.
- ✓ Expected COD: 2031

- Existing access to infrastructure, i.e. storage, pipeline.
- ✓ Proximity and pipeline connection to Dampier port.
- ✓ Existing NH<sub>3</sub> supply chain (850 kTPA) serving local and overseas demand:
  - 15% captive
  - 45% domestic
  - 40% export
- Well-positioned to serve and decarbonize maritime domestically and in the region.



# World's First Ammonia-Powered Containership – Yara Eyde

- Partnership with Norwegian container operator
  North Sea Container Line ("NCL")
- 1300 TEU ammonia fueled container vessel
- Plying between Norway and Germany
- Running on clean ammonia from YCA's supply portfolio
- Estimated delivery from the Qingdao Shipyard in
  2026



#### Other Ammonia-related Maritime Activities



#### World's first time-charter for an ammonia-fueled MGC

- Time-charter between YCA and NYK
- Capacity: 40,000cbm
- Expected deliver: Nov 2026



#### World's first ship-to-ship ammonia transfer at anchorage

- 4,000cbm ammonia transferred between 2 ammonia gas carriers,
  Green Pioneer & Navigator Global.
- Within Pilbara port limits, with advice from Pilbara Ports Authority, AMSA and flags.

## Safety as a collaborative tool





