Creating Superior Shareholder Value Through Disciplined Investment in Clean Hydrogen

December 18, 2024



Forward-Looking Statements

This presentation contains "forward-looking statements" within the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, including statements regarding the Company's expectations; beliefs; plans; strategies; priorities and opportunities; future performance; business or financial prospects or outlook; future shareholder value; expected growth and value creation; profitability; investments; capital allocation, including dividends; financial performance; earnings expectations; expected drivers and guidance, including future unlevered free cash flow, adjusted EBITDA margin, and funding sources; expected benefits of new initiatives, including the Company's expansion into the clean hydrogen market; cost reductions and efficiencies; products or business offerings (including timing and nature); priorities or performance; businesses and assets; future investments and output; collaborations; expected benefits; and other statements that are not historical in nature.

These forward-looking statements are based on management's expectations and assumptions as of the date of this presentation and are not guarantees of future performance.

While forward-looking statements are made in good faith and based on assumptions, expectations and projections that management believes are reasonable based on currently available information, actual performance and financial results may differ materially from projections and estimates expressed in the forward-looking statements because of many factors, including those disclosed in our Annual Report on Form 10-K for our fiscal year ended September 30, 2024 as well as in our other filings with the Securities and Exchange Commission. Except as required by law, the Company disclaims any obligation or undertaking to update or revise any forward-looking statements contained herein to reflect any change in the assumptions, beliefs, or expectations or any change in events, conditions, or circumstances upon which any such forward-looking statements are based.

Non-GAAP Financial Measures

This presentation contains certain financial measures that are not prepared in accordance with U.S. generally accepted accounting principles ("GAAP"), including adjusted EPS, adjusted EBITDA and adjusted EBITDA margin. In Appendix A, we have included definitions and reconciliations of these non-GAAP financial measures to the most directly comparable financial measures prepared in accordance with GAAP. Management believes these non-GAAP financial measures provide investors, potential investors, securities analysts, and others with useful information to evaluate our business because such measures, when viewed together with our GAAP disclosures, provide a more complete understanding of the factors and trends affecting our business. The non-GAAP financial measures supplement our GAAP disclosures and are not meant to be considered in isolation or as a substitute for the most directly comparable measures prepared in accordance with GAAP. These measures may not be comparable to similarly titled measures used by other companies.



Executive Summary



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Air Products Board and Management Have Consistently Delivered Results

- We are the most profitable industrial gas business in the world based on Adjusted EBITDA margin (A), growing at GDP or industrial production levels
 - We operate core industrial gases infrastructure globally, including 1,800 miles of industrial gas pipeline and 750+ production facilities
 - ~50% of FY2024 sales were driven by our on-site customers; our on-site business model yields stable and consistent returns given that costs are passed through to the customers, the contracts are long-term (e.g., 10-20 years), and customers pay fixed monthly charges and / or have minimum purchase requirements
- Significant gains in pricing, volume, and a stable, infrastructure-like on-site business model have delivered a 1,400bps increase in Adjusted EBITDA margin (A) and a compound annual Adjusted EPS growth rate (A) of ~11% since FY2014
 - Our sales have grown at a ~4% compound annual growth rate since FY2014 higher than our public peers (B)
- · Strong cash generation fuels continued increases in our dividend and strategic capital expenditures
 - Returned \$11.5 billion of cash to shareholders since FY2014
 - We have executed 42 consecutive years of dividend increases and have delivered a ~9% compound annual dividend growth rate since FY2014
- Under the Board's and Seifi Ghasemi's leadership, Air Products has created more than \$44B of shareholder value (C)
- Air Products has a track record of effectively executing on major projects, having successfully executed three major projects under the Board's and Mr. Ghasemi's stewardship over the last seven years alone deploying \$5B in capital and achieving overall returns across these projects exceeding our target
 - This includes the Lu'an Gasification Project, Jazan Industrial Complex and Uzbekistan Gas-to-Liquid Facility

The Board and Management Have Developed and Are Executing on a Focused Strategy to Extend the Core into Clean Hydrogen

- Today, fossil fuels account for more than 80% of global energy production, with a meaningful CO₂ footprint
 - Clean hydrogen is a clean fuel of the future because it can be a source of energy like oil or gas but releases no climate-warming carbon dioxide
- To grow long-term volumes, satisfy global decarbonization regulation, effectively serve evolving customer needs, and remain competitive, the industrial gases sector must invest in clean hydrogen capabilities
 - Clean hydrogen is a critical input for companies to reach their net-zero carbon emissions goals, including Air Products
- · Today, we are considered the leading supplier of hydrogen globally, and we are working to extend our leadership into clean hydrogen
 - We were the first industrial gases company to sell gray hydrogen over-the-fence and have been doing so for 50+ years
 - We capitalized on global desulfurization regulations in the 1990s to further supply hydrogen to refineries
 - We are using this strategy again to build upon our core business and capture growth in clean hydrogen
- · Because we are the first-mover, we have secured optimal locations globally and have begun forging critical supply chain and financing partnerships to excel in clean hydrogen
 - We are well-positioned to grow with the next phase of hydrogen development, which is clean hydrogen supported by the need to decarbonize hard-to-abate end markets
 - Our clean hydrogen growth will start with many of the same customers and end markets we know well and serve today
- · We are replicating the core industrial gases model: anchor customers, long-term committed offtake ahead of construction, take-or-pay contracts with cost pass-through
 - We expect positive net cash starting in FY2027
 - Air Products' clean hydrogen projects are expected to deliver returns at or above our core industrial gas return levels, producing significant additional value to our shareholders

PRODI



(B) Peers include Air Liquide, Linde and Nippon Sanso. Air Products based on GAAP sales CAGR from 9/30/14 to 9/30/24 as reclassified to give effect to divestitures of the PMD and EMD businesses. Air Liquide based on CAGR from 12/31/14 (t) and is adjusted for its acquisition of Airgas. Linde based on CAGR from 12/31/16 to 12/31/24(E) and is adjusted for its converted to USD at historical FX rate



Executive Summary

Refreshed, Independent and Fit-For-Purpose Board to Oversee Our Strategy

- The Air Products Board has the skills, experience, and expertise to oversee the successful execution of our two-pillar growth strategy to grow our core industrial gas business while capitalizing on our first-mover advantage in the clean hydrogen market and driving value creation
- The Board and Management team have been responsive to shareholders regarding capital investment discipline, making several strategic announcements of late that had been under review, such as (a) not
 committing to new clean hydrogen projects until existing capacity is majority-committed and (b) no longer pursuing the Texas green hydrogen JV after concluding its return profile would be insufficient to meet
 our standards
- The Board is committed to regular refreshment. To that end, six of nine directors on our slate were nominated in the last five years, including two new director nominees
- Our two new nominees, Bob Patel and Alfred Stern, were selected after an extensive search process and bring significant experience leading and overseeing public companies as CEOs
 - Each has a stellar record growing major industrial companies internationally and capitalizing on clean energy and sustainability opportunities
- · The Board is conducting a thorough search, aided by an independent search firm, for a President to serve as a qualified CEO successor to Mr. Ghasemi
 - This search began in January 2023 and was formally announced in August 2024, prior to D.E. Shaw's or Mantle Ridge's involvement. We anticipate the announcement of the new President and related timeline for CEO succession no later than March 31, 2025
- The Board is confident that we will recruit a candidate of superior caliber and experience: someone well known to investors and a current or former public company CEO with significant international experience and relationships to address the scale of our business
- The Board is currently prioritizing five candidates from a pool of over 1,000 candidates

Without Any Serious Plan for Value Creation, Mantle Ridge Seeks to Replace Air Products' Board Leadership with Inferior Nominees with Questionable Independent Thought

- Our interactions with Paul Hilal and Mantle Ridge demonstrate a lack of judgment and a pattern of behavior that is beyond the basis for reasonable, constructive engagement. Mantle Ridge is seeking to seize
 control of Board leadership and management by replacing our Lead Independent Director, replacing two of three independent committee Chairs, firing our CEO, replacing the executive team, and halting our
 strategy that is on track to create substantial long-term shareholder value, without any viable alternative for growth
- Mantle Ridge has proposed a new CEO candidate, despite not nominating him to their slate, who lacks public company CEO experience, has never served as a public company director and has not served in an
 operational role in four years
- Mantle Ridge has proposed an Executive Board Chairman candidate who, according to media reports and court filings and transcripts, may have leaked confidential information from three companies on whose boards he was serving to a friend, leading to criminal charges being brought against the friend for lying to the FBI, and SEC enforcement action against the friend and another individual who appears to have traded on the basis of such information
- Shortly before public disclosure of this candidate's reportedly having leaked confidential information and the related enforcement actions, the candidate resigned from three boards and the candidate has not served on the board of a public company since such resignations nearly six years ago, and has not served in an operating role in 17 years
- The election of Mantle Ridge's slate of nominees would remove critical expertise from our Board, including our CEO and Lead Independent Director, along with two other highly-qualified independent directors with
 extensive experience leading world-scale energy projects and multi-jurisdictional M&A expertise
- We believe Mantle Ridge's nominees have been selected, not because their experience is superior to or more relevant than our existing nominees, but rather because of pre-existing relationships with Mr. Hilal or their history as previous activist nominees
- Shareholders should be concerned that the relationships between certain of Mantle Ridge's nominees and Mr. Hilal could preclude them from acting independently



03

Business and Strategy Overview

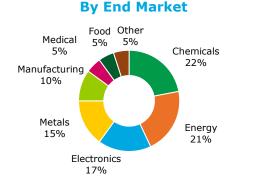


Air Products Today

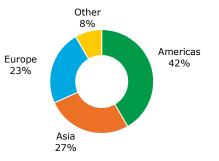
- Air Products (NYSE:APD) is a world-leading industrial gases company, providing essential industrial gases, related equipment, and applications expertise to customers around the world in dozens of industries
- Air Products also develops, engineers, builds, owns, and operates some of the world's largest clean hydrogen projects – capitalizing on the transition to low- and zero- carbon energy in the industrial and heavy-duty transportation end markets
- Industrial gases produced include Argon, Carbon Dioxide, Carbon Monoxide, Syngas, Helium, Hydrogen, Nitrogen, Oxygen, and specialty gases



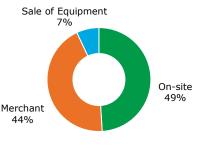
FY2024 Sales Breakdown



By Segment



By Supply Mode



6 Sources: Company Filings and Presentations (A) As of December 13, 2024 (B) Non-GAAP financial measure. See Appendix for reconciliation



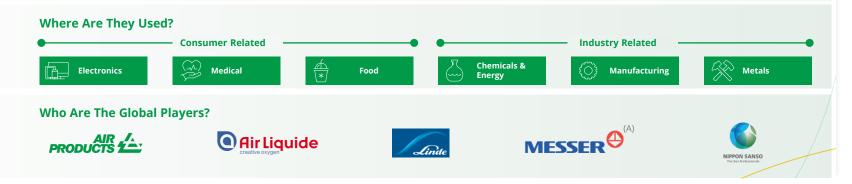
An Introduction to Industrial Gases

What Are Industrial Gases?

- · Industrial gases businesses deliver mission-critical inputs to large-scale manufactures to enable them to drive efficiency and reduce emissions
- Most common industrial gases are oxygen, nitrogen, hydrogen, carbon dioxide, and argon
- The Atmosphere consists of 78% nitrogen, 21% oxygen, 1% argon, and traces of other gases such as neon, krypton, and xenon; hydrogen is manufactured

How Are They Produced?

- Atmospheric Gases: Atmospheric air is separated into different gases, commonly through distillation
- · Process Gases: Extracted from natural gas sources or produced as byproducts of chemical production and then separated and purified





Air Products Maintains a Near-Majority Infrastructure-like Business Model

Enables Stability Through Cycles

	upply ode ^(A)	Through-Cycles Mode of Supply	Duration of Contract	Take-or-Pay	Cost Pass- Through	Key Attributes
49% O	n-Site	 Facilities on or near customer sites Pipeline Systems 	10-20 Years	\checkmark	\checkmark	 Stable, infrastructure-like Includes attractive electronics end market Growth primarily driven by volume Large-volume customers with long- term contracts
Liqu	uid Bulk	 Bulk Form Tanker or Tube Trailer 	3-5 Years			 Follows trends in end markets served Includes attractive healthcare end market
10% Pack	aged Gas	 Small Quantities Cylinder or Dewar 	Short-Term			 Subject to end-customer demand volatility given contract structure Price fluctuates Growth driven by both volume and price

44% of Sales (Merchant)



Air Products' Two-Pillar Growth Strategy

Core Industrial Gases



Clean Hydrogen



- World-leading industrial gases business with a reputation for innovative culture, operational excellence, and commitment to safety
- Leading supplier of atmospheric gases, process gases and specialty gases in the Americas, Asia, Europe, Middle East and India
- Serves customers globally, providing atmospheric, process, and specialty gases, related equipment, and applications expertise
- Develops, engineers, builds, owns, operates, and maintains some of the world's largest industrial gas projects
- Serves customers in dozens of industries who rely on our products, related equipment, and applications expertise to improve efficiency and reduce emissions

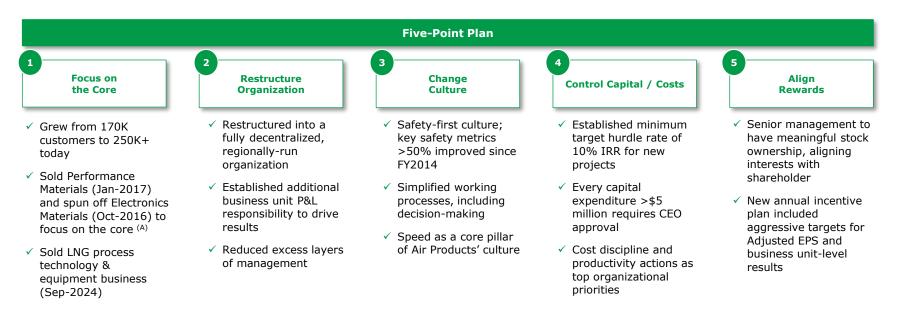
GDP+ Growth at 40%+ Adjusted EBITDA Margin ^(A) with Strong and Contracted Cash Flows Size of Prize: ~\$600B+

- Extension of core business and 65+ years of experience as a market leader in end-to-end supply of hydrogen
- First-mover advantage: optimum locations for renewable resources; access to low-cost natural gas and geology; and ability to negotiate clean hydrogen offtake agreements, establish industry pricing and develop intellectual property
- Strategy to initially capture a small portion of the vast, high-growth global hydrogen market
- Green hydrogen demand driven by Europe's targets to decarbonize energy, industrial, and shipping industries
- Blue hydrogen demand driven by Asia's targets to decarbonize the power sector

GDP+ Growth, Target Returns At or Above Our Core Industrial Gas Return Levels



The Board and Seifi Ghasemi Delivered on All Aspects of The 2014 Five-Point Plan...



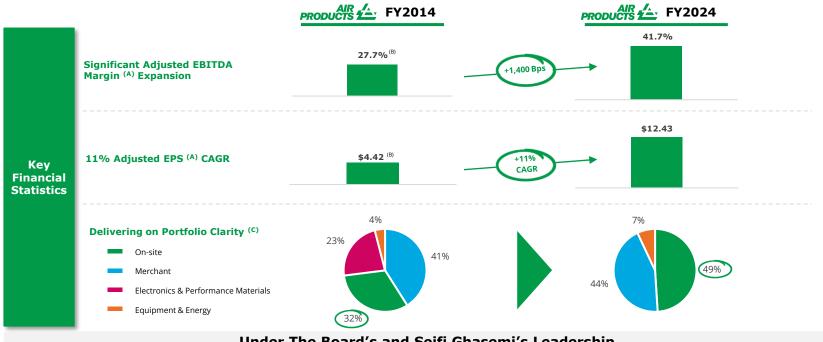
Under The Board's and Seifi Ghasemi's Leadership, Air Products Has Created More Than \$44B of Shareholder Value ^(B)

10 Sources: Air Products 2015 Annual Report, SEC Filings

(A) Air Products completed the sale of its Performance Materials Division in January 2017. Air Products completed the spin-off of the Electronics Materials division as Versum Materials in October 2016 (B) Based on \$25.2B market capitalization on June 30, 2014 (one day prior to first day as CEO) and December 13, 2024

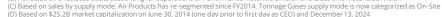


...And Have Made Significant Progress on Margin Expansion, Above-Market Growth, and Portfolio Clarity



Under The Board's and Seifi Ghasemi's Leadership, Air Products Has Created More Than \$44B of Shareholder Value ^(D)

Sources: Company Filings and Presentations and Publicly Available Information (A) Non-GAAP financial measure. See appendix for reconciliation (B) Reflected on a restated basis, accounting for separations of Performance Materials Division and Electronic Materials Division





Our Clean Hydrogen Business Model Is In-Line with the Traditional Industrial Gas Business Model

	Core Industrial Gases	Clean Hydrogen
Market Size and Geographic Focus	\$100B+ Highly Global with ~40% US, ~50% Asia & Europe Based on FY2024 Sales ^(A)	~\$600B+ Focused on Europe and Asia, Driven by Stringent Emissions Regulation
Long-Term Commitments	✓ Long-term contracted revenue commitment	✓ Long-term contracted revenue commitment
Anchor Customers	Given on-site model, typically one major anchor customer plant is committed	• Our new projects going forward will have anchor customers committed
Contractual Protections	✓ Take-or-pay, energy cost change pass-through, inflation pass-through	✓ Take-or-pay, energy cost change pass-through, inflation pass-through
Cash Flow Profile	✓ Target <20% Capex / Sales ^(B)	At run-rate, in-line with Core Industrial Gases business ^(B)
Target IRR	✓ Target >10% unlevered IRR for new projects	✓ Target >10% unlevered IRR for new projects



12 Sources: Gasworld Intelligence, Deloitte's 2023 global green hydrogen outlook; 2030 market size (A) Based on Air Products FY2024 sales breakdown

(b) Non-GAAP financial measure. It is not possible, without unreasonable efforts, to reconcile forecasted capital expenditures to future cash used for investing activities because management is not able to identify the timing or occurrence of future investment activity, which is driven by management's assessment of competing opportunities at the time the Company enters into transactions

Executing on Our Strategic Priorities to Drive Value Creation

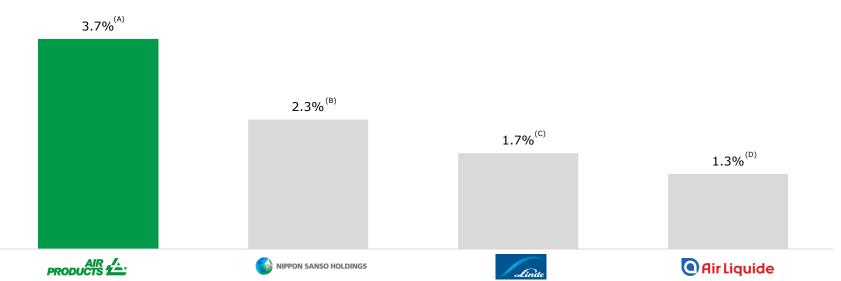


The Board Has Established a Successful Strategy

Leadership Action	Description	Status
1 Deliver for Customers via the Core Business	 Continued investment in our core industrial gas business which has industry-leading margins ^(A) Long-term take-or-pay contracts and cost pass-through underpin business stability Proportionally higher on-site sales mix relative to peers ^(B) Strong cash generation fuels strategic capital expenditures and continued increases in dividend Focus remains on delivering significant efficiency and productivity benefits for our global customers 	Achieved / Underway
2 Grow our Core Industrial Gases Business	 Achieve above-market growth via exposure to secular growth end markets such as electronics (17% of FY2024 sales), manufacturing (10%), medical (5%), and food (5%) Positioned to benefit from data center, AI, and CHIPS Act tailwinds, with a critical mass of infrastructure already in place in strategic locations where global electronics companies operate semiconductor production facilities Focused Asia Pacific growth strategy to develop gasification and electronics projects in region Global industrialization and heightened focus on energy security to drive demand for core industrial gases 	Achieved / Underway
3 Extend Our Core Into Clean Hydrogen	 Clean hydrogen identified as the next growth frontier in industrial gases Comparable business model (take-or-pay, cost pass-through) and target returns at or above our core industrial gas return levels for new projects Need for decarbonization driven by multiple factors: Population growth, climate change, and global emissions policy Success will be captured by being a first-mover – developing proprietary intellectual property and know-how and securing the best locations, supply chain partners, financing partners, and high-quality contracts with blue-chip customers Leverage expertise developed during successful completion of three major recent projects (Lu'an Gasification Project, Jazan Industrial Complex, and Uzbekistan Gas-to-Liquid Facility), with overall returns across these projects exceeding our target 	Early Innings of Growth

14 (A) Based on Adjusted EBITDA Margin (B) Peers include Air Liquide and Linde. Nippon Sanso does not disclose on-site mix. Air Liquide sales mix based on Wall Street Research (permission to use data neither sought nor obtained). Linde sales mix based on Company Filings

1 Air Products Has Achieved Sector-Leading Sales Growth



Long-Term Organic Sales Compound Annual Growth Rate

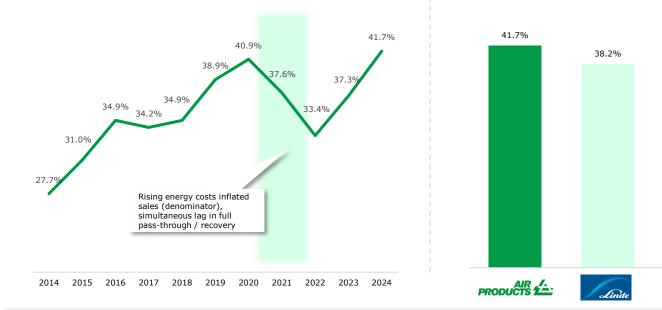
Consistent Investment Has Led to Stronger Organic Sales Growth as Compared to Peers

Sources: Company Filings, Company Press Releases, Capital IQ (A) Based on GAAP sales CAGR from 9/30/14-9/30/24 as reclassified to give effect to divestitures of the PMD and EMD businesses (B) Based on CAGR from 3/31/18 to 3/31/25(E), Adjusted for acquisition of Praxair European Assets. Starting revenue data-point converted to USD at historical FX rate. Latest revenue data-point converted to USD at current FX rate (C) Based on CAGR from 12/31/14 to 12/31/24(E), Adjusted for acquisition of Mirgas. Starting revenue data-point converted to USD at historical FX rate. Latest revenue data-point converted to USD at current FX rate 15



Under the Board's and Seifi Ghasemi's Leadership, Margins Have Become Best-in-Class

Air Products Adjusted EBITDA Margin (A)(B)



LTM Adjusted EBITDA Margin (%) (A)(C)

27.7%

Air Liquide

Air Products is the Most Profitable Industrial Gas Business in the World Based on Adjusted EBITDA Margin (A)

Sources: Company Filings, Public Financial Statements (A) Non-GAAP financial measure. See appendix for reconciliation

16 (B) Certain historical periods presented in the chart above were updated subsequent to filing the respective Annual Report on Form 10-K with the Securities and Exchange Commission. Fiscal years 2014 through 2016 reflect classification of the PMD and EMD businesses as discontinued operations due to their separation in FY2017. Fiscal years 2014 through 2017 reflect retrospective application of the presentation requirements set forth in Accounting Standards Update ("ASU") No. 2017-07, "Compensation—Retirement Benefits (Topic 715): Improving the Presentation of Net Periodic Postretirement Benefit Cost (C) Reflects latest LTM period available. For Air Products and Linde, reflects 9/30/24 LTM. For Nippon Sanso, reflects 10/31/24 LTM. For Air Liquide, reflects 12/31/23 LTM



NIPPON SANSO HOLDINGS

22.8%

1 Air Products Has Consistently Grown its Adjusted EPS ^(A) and Dividend



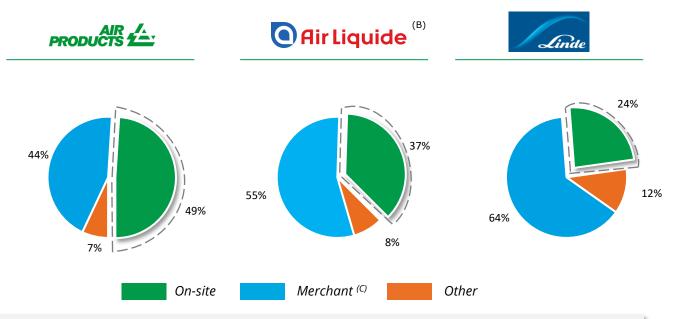
Adjusted EPS (\$) (A)

Dividends Per Share (\$)



2 Air Products' On-Site Model Drives Resilience Our Core Capabilities Are in the Traditional On-Site Business Model

- Balanced mix of on-site and merchant sales
 - Peers more heavily weighted toward more volatile merchant & packaged businesses
- On-site business governed by:
 - Take-or-pay contracts, including minimum volume commitments
 - 10-20 year contracts
 - Price escalation provisions
 - Energy / cost inflation passthrough mechanisms



Core On-Site Business Model Logical Extension is to Hydrogen Markets

Sources: Company Filings and Wall Street Research (permission to use data neither sought nor obtained)
 (A) Nippon Sanso is excluded as it does not report sales by supply mode
 (B) Based on Cowen equity research report on Air Products dated March 18, 2021. Permission to use data neither sought nor obtained
 (C) For Air Products, includes liquid bulk and packaged gas

Latest Sales Breakdown: Supply Mode (A)

2 Core Industrial Gases Business Serves Key Growth End Markets

SECULAR GROWTH END MARKETS (A)

More Resilient, GDP+ Growth



- Example Customers: Semiconductor Fabricators, Solar Panel Manufacturers, Display / LED Manufacturers
- **Example Use:** Provides gas purity and related supply equipment for semiconductor fabrication



- Example Customers: Hospitals, Medical Offices and Clinics, Homecare Customers Diagnostic Facilities (MRI)
- Example Use: Respiratory oxygen and Whole-Body Cryotherapy (WBC)



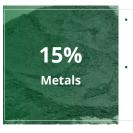
- Example Customers: Food & Frozen, Food Producers, Agricultural Produce, Fish Farmers
- **Example Use:** Ultra-fast freezing, optimized grinding processes, and extended shelf life

INDUSTRIAL-RELATED END MARKETS (A)

Subject to Some Cyclicality



- Example Customers: Oil Companies, Chemical Companies, Syngas Users
- Example Use: Hydrogen, oxygen, nitrogen, carbon monoxide, and syngas as feedstocks



- Example Customers: Steelmakers, Metal Recovery & Recycling Companies, Mining Companies
- **Example Use:** Argon used for unique inerting, thermal conductivity, and other properties



- Example Customers: Automative & Aerospace OEMs, Pulp & Paper Producers, Consumers Battery Manufacturers
- **Example Use:** Carbon fiber manufacturing using nitrogen or argon to create an inert atmosphere



2 Air Products Continues to Grow the Core Industrial Gases Business >50% of FY2023-FY2025 Total Capex is for Core Industrial Gases

Build, Own, and Operate Two New Air Separation Units at Air Products' Facilities in Georgia and North Carolina

Announcement Date: July 2024

- Air Products will construct two new air separation units (ASU) at its existing Conyers, Georgia and Reidsville, North Carolina locations
- Both new ASUs will replace older units and provide additional capacity at the locations
- Projected to be onstream in 2026



Announcement Date: June 2022

- Build, own and operate a new industrial gases complex supplying hydrogen, nitrogen and steam to IOCL's Barauni Refinery in Bihar, India
- The new industrial gas complex will aid IOCL's capacity expansion from six to nine million tonnes per annum producing Euro-VI or BS-VI compliant gasoline and diesel at its Barauni complex

Announced Long-Term Industrial Gases Supply Agreement with Worldleading Semiconductor Manufacturer in Asia

Announcement Date: April 2022

- Build, own and operate state-of-the-art on-site plants to supply ultra-high purity nitrogen, oxygen, argon and hydrogen
- Won a contract from one of the world's largest semiconductor manufacturers to supply industrial gases to a new plant in Taiwan



3 Clean Hydrogen is an Extension of Our Core Business... Leveraging Our Hydrogen Expertise to Create New Growth

First-Mover in Flue-Gas Desulfurization, Forging Early Partnerships in Hydrogen

- Air Products was the first industrial gas company to sell gray hydrogen over-the-fence
- In the 1990s, Air Products significantly expanded its presence in supplying hydrogen to refineries as increasingly strict emissions regulations were put in place
- Built high-efficiency hydrogen plants for refineries, set up distribution infrastructure, and established institutional knowledge and intellectual property to excel in the hydrogen business in the decades to come through first-mover advantage
- **Formed partnerships early on** with both the public sector and private sector, establishing a reputation as the hydrogen provider of choice
- Today, Air Products is considered the leading supplier of hydrogen globally

Air Products Now Has the Leading Gray Hydrogen Platform

- Operates >110 hydrogen production facilities with >700 miles of hydrogen pipeline networks globally
- Executed more than 250 hydrogen fueling stations projects in 20 countries globally relative to each
 of Air Liquide's and Linde's 200 hydrogen fueling stations ^(A)
- >50 customers with long-term hydrogen contracts

Green and Blue Hydrogen Are Logical Extensions of Core Industrial Gases

- Once again capitalizing on global decarbonization regulations
- Well-positioned to grow with the next phase of hydrogen development, which is clean hydrogen supported by the need to decarbonize hard-to-abate end markets
- Replicating our core industrial gases model: on-site with long-term take-or-pay contracts
- We expect positive net cash starting in FY2027



3 ... And a Growth Opportunity Well-Aligned With Our Core Capabilities Leveraging Our Hydrogen Expertise to Create New Growth

	Core Industrial Gases	Gray Hydrogen	Blue Hydrogen	Green Hydrogen
Expertise in Hydrogen Through Core Industrial Gases Business	 Atmospheric gases: oxygen, nitrogen, argon Process gases: hydrogen, helium, carbon dioxide, carbon monoxide, syngas Specialty gases 	 Process gases: hydrogen Natural gas 	 Process gases: hydrogen Carbon capture 	 Process gases: hydrogen Renewable energy
Consistent Strategy	 Heavily focused on on-site model Customers require large volumes with relatively constant demand Target all regions globally 	 Serving customers through various modes, including on-site Offered globally in a variety of purities Extensive infrastructure in place 	 Unique, highly valuable molecule commanding premium pricing Target customers in Asia, where decarbonization regulations promote emissions reduction 	 Unique, highly valuable molecule commanding premium pricing Target customers in Europe, where demand is driven by RED III, ReFuelEU Aviation, FuelEU Maritime Regulation
Supplying Customers On a Long-Term, Contracted Basis	 Contracted offtake Pioneered the on-site business model over 80 years ago ~50% on-site sales mix ^(A) 	 Contracted offtake Large-scale on-site hydrogen plants 	Contracted offtake Long-term, take-or-pay customer contracts	
Expanding Into New, Attractive End Markets	Energy Chemicals Electronics Metals Manufacturing Medical Food	Energy Chemicals Electronics Metals Manufacturing Medical Food	o \$ 0	Emicals Steel

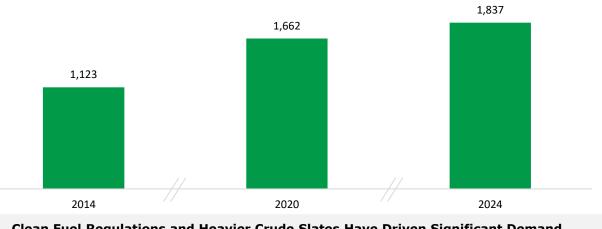
Air Products' Board and Leadership Team Have Led the Company's Expansion into Clean Hydrogen



3 Where We Will Replicate Our Gray Hydrogen Growth Strategy Leveraging Our Hydrogen Expertise to Create New Growth

- Hydrogen is critical to petroleum refiners who depend on it to produce low sulfur fuels to meet clean air regulations and increase per-barrel production
- Petrochemical producers rely on hydrogen to back up their operations and as an outlet for their hydrogen off-gas
- Air Products has expanded its U.S. Gulf Coast network to meet customer demand
 - 25 hydrogen facilities
 - >1,800 mmscfd
 - ~700-mile hydrogen pipeline
 - >50 customers with longterm contracts

Growth of U.S. Gulf Coast Franchise (million standard cubic feet per day)

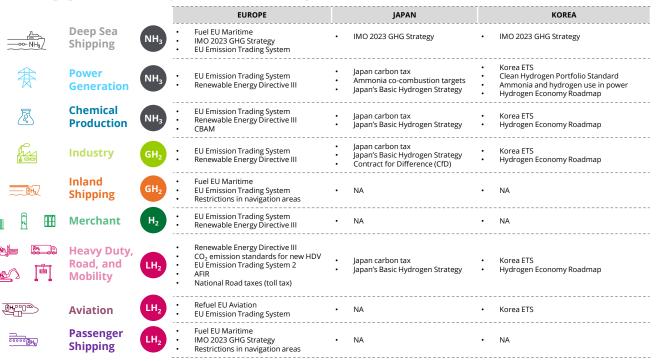


Clean Fuel Regulations and Heavier Crude Slates Have Driven Significant Demand for (Gray) Hydrogen, Which Air Products Has Capitalized On



3 Decarbonization is Supported by Global Regulation

- A global energy transition and coordinated drive toward more sustainable industry inputs remains a durable theme across our markets
- Transitory policy shifts will impact rate of adoption locally (e.g., recent US election), but decarbonization likely to continue to see momentum
 - The theme falling "out of favor" with investors solely reflects short-term outlook
 - The long-term financial attractiveness of the clean hydrogen strategy remains intact



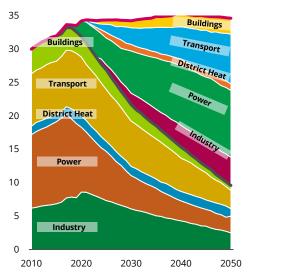
Meaningful Tailwinds Globally, Particularly in Europe and Asia – Which Are the Target Markets For Our Clean Hydrogen Projects



3 Clean Hydrogen has Applications Across a Diverse Array of Growing End Markets

Hydrogen May Contribute Up to 20% of Global Emissions Reduction by 2050 ^(A)

Annual CO₂ Emission (Gt/year) / Energy-related CO₂ Emissions (Gt/yr)



Abatement by Technology (%)^(B)

Clean Hydrogen

Other

Renewables & Energy

Efficiency

Clean Fuels Can be Widely Applied to Decarbonize a Broad Range of End Markets

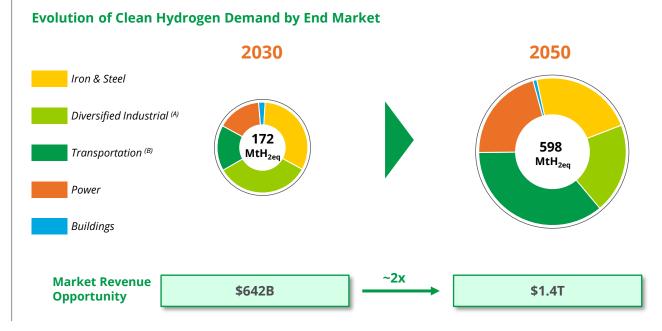
	End Markets	Key Decarbonization Solutions
Ē.	Shipping	Clean Ammonia, Biofuels, Electrification
B	lron, Aluminum, and Steel	Clean Hydrogen , Carbon Capture Storage (CCS), Biomass, Circular Economy, Electrification
4	Chemicals and Petrochemicals	Biomass, Clean Hydrogen, CCS, Circular Economy
	Power Generation	Clean Ammonia, Cleaned Biogas, Renewables
٦ روسياً	Road Transport	Direct Electrification, Clean Hydrogen, Biofuels
4	Aviation	Biofuels, Synfuels from Clean Hydrogen, Electrification



3 Clean Hydrogen Represents a Trillion Dollar Market Opportunity Air Products' Approved Clean H₂ Projects Represent <1% of the Future Market

- Decarbonization of hard-to-abate end markets (heavy industry and heavy-duty transportation)
- Already >1,000ktpa of public tenders for clean hydrogen
- Adoption driven by both firstmovers and compliance requirements

26



Source: Deloitte's 2023 global green hydrogen outlook (A) Includes chemicals, textile fibers manufacturing, electronics, recycling, and oil refining (B) Includes aviation, shipping, and heavy road transport

³ First-Mover Advantage is Absolutely Critical to Success in the Clean Hydrogen Market

- Transition to clean hydrogen requires significant upfront capital, but there is no concept of a 'fast-follower'
- New facilities require land, access to labor, permits, vendor relationships, and potentially outside capital – each of which have limited participants in the value chains
- Critical to show customers real progress on the ground to secure contracts
- Projects can take up to 10 years to come onstream
- Partnerships across the value chain are being forged now to set the business up for success 10+ years from now

Land Scarcity

- Access to renewable resources is critical to produce green hydrogen (e.g., sun and wind)
- Geology and low-cost natural gas for carbon sequestration to make blue hydrogen
- Requires massive plots of land in areas with available skilled labor
- After acquiring land, projects require extensive permitting

Best-in-Class Customer Offtake Agreements

- First-movers get the best seat at the table with customers to negotiate the offtake agreements
- Ability to establish market pricing as a firstmover
- Virtuous cycle proven results and progress attracts customers

Limited Supply Chain Partners

- Supply chains to enable new clean hydrogen facilities are complex
- Putting in place the right supplier and transportation & logistics arrangements is a significant undertaking
- Suppliers look to partner with well-capitalized, credible leaders with intellectual property

High-Quality Financing Partners

- Meaningful capital investment needed, with a narrow set of financing partners focused on investing at scale in clean energy
- Access capital markets while still unsaturated both on the private and public / government side

Underpinned by Critical Development of Proprietary Know-How and Intellectual Property



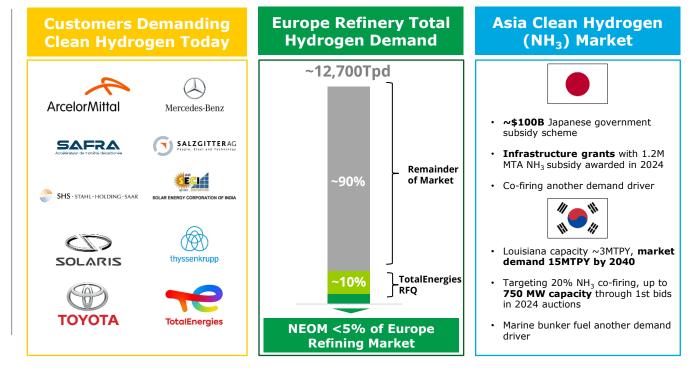
3 Significant Market Demand for Clean Hydrogen Exists Today, and Air Products Only Needs to Capture a Small Share of This Market

Green Hydrogen

- Various leading companies have issued capacity requests that far exceed the capacity of our green hydrogen project and the construction in NEOM
- TotalEnergies' RFQ accounts for only 10% of gray hydrogen now used by European refineries
- The output of our NEOM project is less than 5% of the gray hydrogen used by European refineries

Blue Hydrogen

- Asia Pacific is home to five of the top 10 biggest emitters globally, cementing its crucial role in the global energy transition
- Blue hydrogen is a cornerstone of Japan's and South Korea's netzero roadmaps





3 Early Successes in Clean Hydrogen Projects, Underpinned by the Board's Focus on Disciplined Capital Allocation and Risk Management

Framework for Clean Hydrogen Strategy **Several Early Successes** Secure anchor customers for future clean hydrogen Stringent **NEOM Green** projects European Hydrogen Approach to ✓ Will not make any final investment decision on new projects Hydrogen Complex **Refueling Network** until current facilities have 75%+ customer commitments Capital ✓ In active discussions with equity partners and assessing Investment project financing for Louisiana project World's largest green-hydrogen-based Support Daimler's pioneering hydrogen truck ammonia production facility pilot project Will produce up to 600 tons per day of Develop a network of permanent, Onstream NEOM construction is 60% complete: onstream by end of commercial-scale hydrogen refueling stations carbon-free hydrogen in the form of green ~ Dates on the ammonia as a cost-effective solution for to connect key locations across Europe 2026 Horizon ✓ Louisiana Blue Hydrogen onstream in 2028 transportation and industrial end markets Strategically located along major globally transportation corridors near the Trans- Air Products is the primary EPC contractor European Transport Network ✓ ~35% of NEOM contracted on a take-or-pay basis, with and system integrator negotiations underway for additional offtake which would Intense Focus exceed capacity on Contracted 60% of Canada committed, with negotiations underway for Offtake **Pioneering Green Hydrogen Agreement** remainder of capacity Active discussions for offtake from Louisiana June 7, 2024, announced 15-year take-or-pay agreement to supply 70,000 tpy of green hydrogen World Energy SAF facility on hold until permits are received starting in 2030 Constant to mitigate development risk Not pursuing Northern Texas green hydrogen as it no Assessment of All 70,000 tpy will be used to decarbonize TotalEnergies' European refineries longer met target returns thresholds; sold development Project Risk Air Products continuing discussions with TotalEnergies for green hydrogen supply to its other EU rights refineries

Following Extensive Deliberation and Review, Air Products Announced Several Additional Steps to Ensure Disciplined Capital Investment Starting in August 2024



The Need to Invest in Our Future Growth and Value Creation Is **Currently Masking Our Strong Underlying Performance**

- The Board and Management have been responsive to shareholders about clarity on our capital investment discipline, and the stock has responded positively
- We are already seeing momentum in our stock price as a result of several notable strategic announcements made since November 7

100 =

- Expect positive net cash starting in FY2027
- De-leveraging starting in FY2027
- No new projects until existing projects are 75% committed
- Texas green hydrogen JV not moving forward
- World Energy SAF facility on hold awaiting permits
- Announced two new independent director candidates

Under Seifi Ghasemi's Leadership and Prior to ... Today We Are Investing Pre-Revenue for Future Value Creation, ...Several Recent Key Which is Being Discounted by The Street and Therefore Presents a Investing Significant Capital Against Clean Hydrogen Actions Changed Our Strategy, Total Shareholder Return Was Strong... Misleading Picture of the Strength of Our Business... Trajectory TSR Through January 1, 2022 (A) TSR Through Unaffected Date (C) TSR Through December 13, 2024 Since Appointment Since Appointment of Seifi Ghasemi (B) of Seifi Ghasemi^{(E} 6/30/2014 103% 52% 205% 138% Air Products 207% 20% Air Products Air Products 19% 450 Peer Average 156% 147% 80% Peer Average 284% 121% 54% Peer Average 5% S&P 500 S&P 500 251% 112% 37% 30% S&P 500 181% 133% 100% 400 350 300 250 200 150 100 50 Aug-21 Dec-19 Jun-20 Jan-21 Mav-24 Feb-22 Sep-22 Apr-23 Oct-23 Dec-24 Peer Average (D) S&P 500

YTD

16%

4%

29%

Source: FactSet as of December 13, 2024 Note: Reflects TSR in USD based on daily currency conversion rate (A) Air Products' significant investment into clean hydrogen began in 2022 (B) Since June 30, 2014 (one day prior to Mr. Ghasemi's first day as CEO) (C) Unaffected date is October 3, 2024 (D) Includes Air Liquide, Linde and Nippon Sanso

Independent Research Analysts Have Been Positive on Air Products' Strategic Direction



"APD... is **focused on signing offtakes** for the existing backlog. Combined with the commitment to not announce new projects until 1) current projects are filled and 2) new projects have offtakes, this **goes a long way to derisking APD's backlog.** And as this backlog starts up post FY25, this sets up for a multi-year period of, higher than peers, mid-teens EPS growth. **Investors building confidence in execution** and **returns should drive a further re-rating in APD."**

- November 18, 2024



"APD's 4Q exceeded expectations with a strong beat and set a guide in line with expectations (ex-LNG) and a low bar for F1Q. Management also took further actions to alleviate investor concerns — canceling TX green project, keeping SAF on hold until permitting is in place, emphasizing no new projects without anchor contracts and providing updates on its large projects. As APD delivers on its core business and executes on long-term projects, the stock should push higher."

- November 13, 2024

BANK OF AMERICA 🧡

"We've seen a **meaningful change** in Air Products' risk tolerance on its clean hydrogen projects and **commitment** to **succession planning**, which we heard as two significant areas of concern by investors (see our note) early in 2024. APD's Board is also expecting to select a CEO successor within the next couple quarters. We have **long viewed APD's base business as solid**; these actions **reinforce our** constructive **view**."

- November 8, 2024



"APD making thoughts known on its **first mover advantage in hydrogen**...1) NEOM is 50% complete expected on stream with first delivery early 2027; negotiations underway for NEOM volumes that would **exceed** the **capacity** of the facility, 2) 60% of **Canada** Net-Zero Hydrogen Project capacity is **already committed**, 3) Louisiana construction underway and air permits expected in 2025, 4) President Succession process is led by the Lead Director with support of the Board and search firm EgonZehnder – **high qualified candidates identified** and announcement expected 1HF25."

- November 7, 2024

J.P.Morgan

"[APD]'s expectation is to begin to be free cash flow positive by 2027, which answered a D.E. Shaw concern over ongoing negative cash flow generation at an industrial gas company. It stated that going forward no large project would be approved by the Air Products Board that did not have a 75% customer commitment. Air Products suggested that a new President would be named...in the 2025 April/May time frame. The company suggested that it was in active discussions with equity partners and assessing project financing for the Louisiana project, which is also a set of steps in the direction of derisking."

- November 7, 2024



"We expect these projects to deliver a +10% IRR (in some cases materially higher), which doesn't account for the 45Q and 45V tax credits. We respect that project delays have been weighing heavily on investor perceptions, but it's our sense that co messaging re: timelines, off-takers, and Green/Blue H2 pricing is helping re-establish credibility. We believe APD's valuation should steadily rise to the higher-end of its range due to improvements within the US and EMEA base businesses, better perceptions re: blue/green H2 demand/pricing, and recent CAPEX focus on North America."

- November 7, 2024



Refreshed, Independent and Fit-for-Purpose Board to Oversee Our Strategy



Our Proposed Board Is World-Class and Has the Right Skillsets

Our recently refreshed, fit-for-purpose Board slate includes 6 of 9 directors nominated in the past 5 years, including 2 new nominees; in addition, while at Pershing Square, Paul Hilal supported the hiring of our CEO and Lead Independent Director on our Board



PRODUCTS

EX = Executive Committee

33 Notes: Current directors David Ho and Matthew Paull have determined not to stand for re-election. Committee designations reflect composition effective following the upcoming Annual Meeting subject to election

Recent Highly Qualified Nominees Are Well Equipped to Guide Air Products Through Its Next Stage of Growth

As the Company advances its clean hydrogen strategy and moves from business development to execution, Bob and Alfred bring extensive large-scale project execution experience that the Board prioritized when evaluating potential new director candidates

The Board's refreshment strategy reflects its **robust selection criteria** geared toward driving value for shareholders

- In November 2024, the Board nominated Bob Patel and Alfred Stern, seasoned executives with experience leading major publicly listed industrial companies
- They bring executive and public company board expertise, deep knowledge of the industrials sector, experience running complex cross-border organizations and a long track record of managing largescale growth projects and seizing on opportunities related to the energy transition
- Both director nominees have stellar records growing major industrial companies internationally and capitalizing on clean energy and sustainability opportunities



Bhavesh V. (Bob) Patel

Independent Director // Nominated for 2025 AGM Age: 57

Former CEO of W.R. Grace and LyondellBasell and Former President of Standard Industries

- Has 35 years of industry experience in manufacturing, commercial and management roles, as well as in the global commodity markets. His experience in global commodity markets adds insight into the Board's discussions of international operations, strategy, and risk
- Brings executive leadership skills, public company board experience, capital markets, and financial expertise, extensive Middle East joint venture experience, and safety expertise
- Has led complex global organizations such as W.R. Grace, Chevron Phillips Chemical Co. and LyondellBasell through large scale restructuring and organic growth with a focus on longterm shareholder value creation
- Developed a strong track record of disciplined capital allocation while serving as CEO of LyondellBasell



Alfred Stern

Independent Director // Nominated for 2025 AGM Age: 59

Chief Executive Officer and Chairman of the Executive Board of OMV Aktiengesellschaft

- Brings more than 30 years of international experience leading energy, refinery, and chemical industry initiatives in Europe, the U.S., the Middle East and Asia, spanning research and development, sales and marketing, and operations/quality and business management
- Has successfully initiated and led significant international, multi-billion-dollar growth projects including organic investments, M&A, and joint ventures
- Under Mr. Stern's vision and leadership, OMV is transitioning to become an integrated sustainable chemicals, fuels and energy company, with a focus on innovative circular economy solutions
- Was instrumental in growing the joint venture Borouge in the Middle East ninefold during 14-year tenure at Borealis



Robust, Ongoing Nomination Process Led to Addition of New 2025 Independent Director Nominees

	Most Recent Process Launched in 2022	 In November 2022, Air Products began a Board search for candidates who brought global CEO experience with a strong technical understanding of the technologies and science that underscore Air Products' business. Additional criteria screened for in this process focused on capital intensive process industries (oil & gas, chemicals, energy, or mining end markets), experience with financing and executing large capital projects and interest and experience in the energy transition and sustainable technologies Throughout the refreshment process, search criteria was driven by the Board's robust self-evaluation process, which is established annually by our Corporate Governance and Nominating Committee; the evaluation process identified the particular skillsets and qualifications that would be most additive to the composition of the Board as Air Products continues its expansion into clean hydrogen 				
	Over 600 Candidates Screened	 A third-party search firm screened ~600 candidates across the globe, ultimately profiling approximately 45 candidates for consideration. Seven candidates were engaged and interviewed throughout this process, with five progressing to final stage interviews with the full Board 				
Two New World Class Nominees		 This thorough process resulted in the nomination of Alfred Stern and Bob Patel, two highly qualified individuals with unique skillsets that the Board determined best align with Air Products' go-forward strategy If Mr. Patel and Mr. Stern are elected, six of nine directors will have been added in the last five years 				
	Appointments Followed a Refreshment Process Launched in March 2020	 The Corporate Governance and Nominating Committee has been deeply focused on a regular, ongoing Board refreshment In March 2020, the Corporate Governance and Nominating Committee appointed Lisa Davis and engaged a third-party search firm to find candidates who brought CEO experience, resulting in the placement of Wayne Smith in August 2021. The second search focused on C-Level executives with prior experience who expanded the Board's diversity, resulting in Tonit Calaway's appointment in 2022. The third search focused on CFO experience and ultimately resulted in the appointment of Jessica Graziano in 2023 Prior to each of these appointments, the Company's search firm screened approximately of 500+ candidates, with a range of 25-50 candidate profiles reviewed for fit with Air Products. A range of three to five prioritized candidates were interviewed in each process, with finalist candidates being met by the entire Board prior to joining 				



Experienced and Effective Lead Independent Director Highly Independent Board with Robust Oversight

Experienced and Effective Lead Independent Director Whose Appointment Was Previously Supported by Paul Hilal



Edward L. Monser

Independent Director // Lead Director since 2021

Committees: Chair of the Corporate Governance and Nominating Committee, member of the Executive, and Management Development & Compensation Committees

Retired President and COO of Emerson Electric Co.

Ed Monser is **"the kind of truly independent, high-integrity, and shareholder-oriented director nominee that we think can best serve shareholders"** ^(A)

- Paul Hilal in an <u>October 2024</u> letter to the Board of Air Products

- Has more than 30 years of experience leading global engineering organizations through strategic change, guiding Emerson's footprint expansion and push to strengthen its global position
- Drawing on his extensive career, Mr. Monser brings strong understanding of industrial operations, supply chain optimization, and continuous improvement
- Has extensive experience in international business operations, particularly in emerging markets, as well as a demonstrated capability in strategic planning and organizational development

Independent Board Oversight with Chairman and Lead Independent Director Previously Supported by Paul Hilal / Pershing Square

Lead Independent Director role has robust responsibilities

- Presiding at executive sessions of the Board and any other time the Chairman is not present and communicating feedback to the CEO
- Determining the agenda for executive sessions of independent directors
- Possessing the principal authority to convene a meeting of independent directors
- Serving as a liaison between the independent directors and CEO
- Is regularly apprised of inquiries from shareholders and involved in correspondence responding to these inquiries, when appropriate
- If requested by shareholders or other stakeholders, ensures that he is available, when appropriate, for consultation and direct communication with such shareholders

- All directors other than our CEO are independent
- All members of standing committees are independent; independent directors make final compensation decisions pertaining to executive officers
- The independent directors regularly meet without the CEO and other members of management
 in executive sessions that are scheduled to occur at most Board meetings
 - The CEO's performance review is conducted in executive session and the Board committees regularly meet in executive session
- The Board and each standing Board committee have an established and robust self-assessment process that is conducted on an annual basis
 - Self-assessments are conducted and discussed annually, including both a retrospective assessment of Board and committee performance and a prospective discussion focused on improving Board process and efficiency



Commitment to High Standards of Corporate Governance and Shareholder Rights

		Governance Highlig	hts			
\checkmark	Annually elected Board		10% holding require shareholders to call a spe			
<u>м</u>	ajority vote standard to elect directors		Majority vote stand amend charter and			
Ø	One-share, one-vote standard		Extensive shareholder engag	gement program		
Ø	Proxy access All directors in compliance with stringent stock ownership guidelines					
	E	oard Best Practices	; (A)			
89 Indepe		56% Diverse	Management Board Announced in July 2024	Committee Chair All Refreshed Since 202		
	2 New Director Nominees	5 Diverse	Brings together talented senior leadership across the globe to execute the Company's two-pillar growth strategy, streamlining our	Refreshed Chairs of all three standing committees of the Board		

5 Diverse

4 Other

PRODUCTS

since 2020

organization, and enhancing our

ability to execute our full portfolio of

projects

37 (A) Reflects post-Annual Meeting Board composition of Company nominees including Bob Patel and Alfred Stern and excluding retiring directors

4 Director Nominees with 1-5 Years

3 Director Nominees with 5+ Years

8 Independent

1 Not Independent

Proactive and Thorough CEO Succession Process

Succession Update

- President search announced in August 2024, prior to D.E. Shaw's or Mantle Ridge's involvement, although search process had begun two and a half years ago
 - This was a dual-track process to explore internal and external candidates
- The President will also sit on the Company's Board
- Anticipate announcement of new President and related timeline for CEO succession no later than March 31, 2025
- The search process is ongoing, with five prioritized candidates who have been assessed fully and are in the course of being presented to the full Board

Robust Search Process

- The process is **led by our Lead Independent Director** with the support of the full Board and an independent search firm
- Director feedback informed search criteria, which includes public company CEO and international experience
 - The Board views public company CEO experience as a critical factor in looking for a successor given the scale of Air Products; the Company must be led by a leader fully equipped with the necessary experience to run a multibilion-dollar global public company
- Search process has included 1,000+ candidates screened across the globe, with over 300 evaluated for potential fit
- 25, 29, and 30 candidates were discussed with the Board at three meetings, respectively, every six months between July 2023 and July 2024

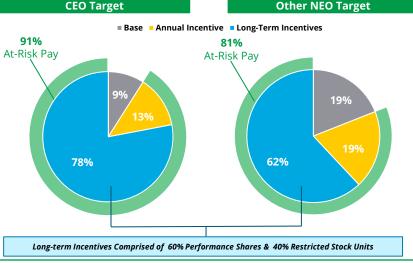
Further Aligning Executive Compensation with Value Creation and Maintaining Accountability Following Extensive Shareholder Engagement

Prior to the 2024 Annual Meeting, both management and the Chair of the Management Development and Compensation Committee participated in a number of meetings with shareholders to discuss the executive compensation program. Following the 2024 Annual Meeting where say-on-pay support was ~73%, management engaged with shareholders representing ~48% of our outstanding shares. Based on the feedback we received and our continuing review of sound compensation governance practices, we have taken meaningful actions.

Actions Taken in Response to Shareholder Feedback

Compensation Changes— Increased Rigor in Long-Term Incentives (Performance Shares)	 Beginning in FY2025, raised the target performance goal for 100% payout of performance shares to require above-market performance to earn a target payout Beginning in FY2025, capped performance share payouts at 100% if absolute TSR is negative over the applicable performance period to eliminate possibility of above-target payouts when absolute TSR is negative Performance shares awarded as long-term incentives beginning in FY2026 will include a return measure, in addition to TSR, relative to the S&P 500
Increased Transparency	 Added proxy disclosure on alignment of compensation outcomes with financial performance Expanded disclosure on progress toward our ESG goals and the design and application of ESG modifier in the Annual Incentive Plan
Reinforce Accountability on Project Execution Within the Annual Incentive Plan	 For executive officers, the Committee can apply discretion for the achievement of ESG objectives For the larger organization covered by the Annual Incentive Plan (not including executive officers), the Committee and CEO have discretion under the Adjusted EBITDA metric to reflect performance on project execution goals

Majority of Compensation Tied to Shareholder Value ^(A)



Recent changes ensure that the compensation program furthers the strategic plan, maintains accountability over management, and incentivizes value creation and prudent clean hydrogen investment



Mr. Ghasemi's Employment Agreement

• In May 2023, the Board amended Seifi Ghasemi's employment agreement, further extending his term

- The agreement initially extends Mr. Ghasemi's employment term to September 30, 2028. On September 30, 2024 and each year thereafter, the contract term automatically renews to be a five-year term unless either party terminates the agreement at the latest, four years ahead of its then expiration date
- While the agreement has a five-year stated term, which provides management continuity that has been important for long-term development projects and customers, Mr. Ghasemi can be terminated by the Board at any time, and would only be entitled to cash severance if he is terminated during the initial five-year term. If he is terminated during this initial five-year period, absent a change in control, the severance multiplier is 2x annual cash compensation and not tied to the remaining years of the term. If he is terminated after the initial five-year term there is no cash severance
- The agreement should be considered in context. Mr. Ghasemi has led the Company's transformation into the world's most profitable industrial gases company based on Adjusted EBITDA margin^(A), and the Board is highly committed to a thoughtful CEO succession process
- Mr. Ghasemi's leadership has transformed Air Products by creating more than \$44B of shareholder value ^(B), as he has grown the core industrial gases business and set the stage to extend into clean hydrogen
- Under Mr. Ghasemi's leadership, Air Products has successfully executed several mega projects with overall returns across these projects exceeding our target
 - Gasification joint venture with Lu'An Clean Energy Company
 - Gasification and power joint venture in Jazan Economic City
 - Agreement with the Republic of Uzbekistan and Uzbekneftegaz JSC to acquire a \$1B natural gas-to-syngas processing facility





Without Any Serious Plan for Value Creation, Mantle Ridge Seeks to Replace Air Products' Board Leadership with Inferior Nominees with Questionable Independent Thought



Mantle Ridge Seems Determined to Seize Control of the Company's Leadership and Appoint its Handpicked Management

Mantle Ridge Is Attempting to Enact its Value-Destructive Playbook

- Mantle Ridge is attempting to seize control of Air Products by seeking to replace our Lead Independent Director, fire our CEO, replace the executive team, and halt our strategy that is on track to create substantial long-term shareholder value, without any viable alternative for growth. This is despite Mantle Ridge privately praising Mr. Ghasemi and Mr. Monser in interactions with the Board
- This is their standard playbook, known well by three of our current Board members, not a solution selected to address the Company's specific situation. In fact, since its founding, Mantle Ridge has never run an activist campaign or made a CEO change that has driven outperformance. Without any credible plan, we believe Mantle Ridge's actions will derail our clean hydrogen strategy and destroy shareholder value

Mantle Ridge's Behavior Provided No Basis for Reasonable Engagement

- An ad-hoc committee of independent directors held a 4 hour in-person meeting with Mantle Ridge less than a week after learning of their investment to better understand Paul Hilal's plan for the Company. Mantle Ridge came ill-prepared with no formal presentation and focused the discussion on taking control of the Board and replacing a majority of the management team, including removing Mr. Ghasemi as CEO as soon as possible. Specifically, Mantle Ridge proposed replacing Mr. Ghasemi with Dennis Reilley for just a few months during a search for a permanent CEO, despite Mr. Reilley not having served in an operating role in over 17 years or on a public board in nearly 6 years
- When directors questioned the choice of Mr. Reilley given his lack of recent experience and the potential instability of appointing an interim CEO for just a few months instead of the Board completing its ongoing succession process, Mantle Ridge changed course, and sent a letter to the Board, several days later, proposing that the Board consider a CEO candidate, supported by a more seasoned executive chairman. Several days after that, it was leaked to the media that Mantle Ridge's CEO candidate would be Eduardo Menezes, who has never served as a public company CEO, with Mr. Reilley as Executive Chairman
- The Board concluded that Mantle Ridge's choice of successors to Mr. Ghasemi were deeply troubling and called into question Mr. Hilal's judgment and preparation in seeking control of Air Products. It led the Board to conclude that further engagement with Mantle Ridge would be fruitless and the best course of action was to let shareholders decide the Company's direction

Mantle Ridge's Nominees are Inferior to Air Products'

- We believe Mantle Ridge's nominees have been selected solely because of their willingness to support Mr. Hilal and his short-term agenda and not because their experience is superior to or more relevant than our existing nominees. This seems apparent because of the nominees' pre-existing relationships with Mr. Hilal or reliability as previous activist nominees
- Mr. Reilley has a longstanding relationship with Mr. Hilal, including history serving as a two-time Mantle Ridge candidate in proxy contests and via a consulting agreement with Mantle Ridge; Mr. Evans and Ms. McKibben have both served as prior activist nominees
- We believe shareholders should be concerned that the relationships between Mr. Reilley and Mr. Hilal would preclude them from exercising their independent judgment and generating long-term value for shareholders



Since Paul Hilal Started Mantle Ridge, He Has Deployed a Similar Value-Destructive Playbook in 3 Successive Campaigns

Since its Founding, Mantle Ridge Has <u>Never</u> Run an Activist Campaign or Made a CEO Change That Has Driven Outperformance

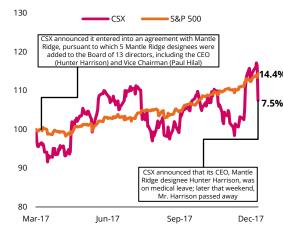
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CSX

TSR vs. S&P 500 Since Mantle Ridge Settlement: (69)%(A)

Mantle Ridge placed a CEO candidate at CSX who was known to be unwell, and passed away within months of his appointment - CSX shareholders funded the CEO's obligation to reimburse Mantle Ridge for compensation benefits, totaling \$84 million; Mantle Ridge has sold almost its entire position in CSX, but Paul Hilal remains on the Board

TSR Indexed to 100^(B)



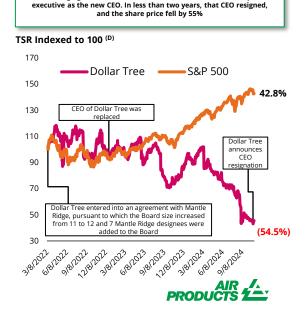
43 (A) TSR reflects dividend-adjusted total return percentage as of December 13, 2024 (B) TSR reflects dividend-adjusted total return percentage as of December 15, 2017 (C) TSR reflects dividend-adjusted total return percentage as of August 9, 2023 (D) TSR reflects dividend-adjusted total return percentage as of November 4, 2024

TSR vs. S&P 500 Since Mantle Ridge Settlement: (89)% (A) After Mantle Ridge announced its stake, the Company announced its CEO would resign: Mantle Ridge then settled with the Company to appoint directors including Paul Hilal as Vice Chair and a new CEO TSR Indexed to 100 (C) 300 S&P 500 Aramark Aramark announced it entered into an agreement with Mantle Ridge. pursuant to which the Board size increased from 10 to 11 and 5 Mantle Ridge designees were added immediately to the Board; the Company replaced its 250 CEO with a Mantle Ridge designee (John Zillmer), added a Vice Chairman (Pau Hilal), as well as added an additional director at the 2020 AGM Aramark and Mantle Ridge agreed to expand the size of the Board from 11 to 12 to nominate an 200 unanimously supported director at the 2021 AGM 61.9% 150 100 50 Paul Hilal resigned from his Vice Chairma role and the Board

ROLLAR TREE

TSR vs. S&P 500 Since Mantle Ridge Settlement: (104)% (A)

Mantle Ridge gained control of the Board and inserted its handpicked



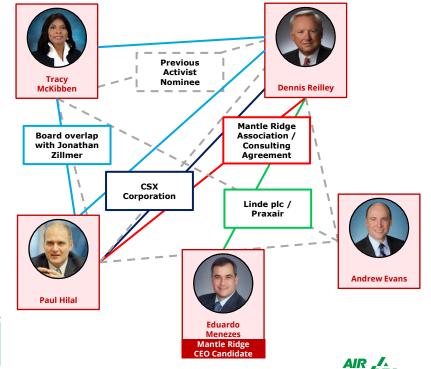
Mantle Ridge's Slate Is Highly Conflicted

We believe Mantle Ridge nominees have been selected not because their experience is superior to or more relevant than our existing nominees, but rather because of pre-existing relationships with Mr. Hilal or reliability as a previous activist nominee

Nominee	Contextual Commentary
Paul Hilal	 Assembled a dissident slate with whom he has deep and clear ties and connectivity to the broader activist community
Andrew Evans	Former activist nominee for Carl Icahn at Southwest Gas
Tracy McKibben	 Tenure as a director at Ecolab overlaps with former Mantle Ridge nominee Jonathan Zillmer; Mr. Zillmer was appointed via Mantle Ridge campaigns both as a director at CSX along with Mr. Reilley and as CEO at Aramark Former activist nominee for Clinton Group at Gleacher Launched proxy contest at Arlington Asset Investment with Clinton Group while a director at Imation
Dennis Reilley (Chair Candidate)	 Former Mantle Ridge nominee at CSX and Dollar Tree Party to a two-year consulting agreement with Mantle Ridge expiring in 2026 to "advise on industry matters" at an hourly cash fee of \$1,000 an hour Joined CSX Board in connection with Mantle Ridge's settlement with the Company in 2017 along with Paul Hilal Tenure at Praxair overlapped with Mantle Ridge preferred CEO Candidate, Mr. Menezes Has not held an executive position in over 17 years since retiring in 2007 Has not sat on a public Board in nearly 6 years since resigning from directorships
Eduardo Menezes (CEO Candidate)	 Tenure at Praxair overlapped with Mantle Ridge Chair candidate, Mr. Reilley Not even nominated as a director candidate despite being proposed as CEO

connections with Hilal / other nominees or a history of being an activist nominee; neither of

these 2 unconflicted candidates remain on the slate



Mantle Ridge's Proposed Executive Chairman Candidate Appears Alarmingly Unfit to Lead Air Products or Any Public Company

There are deeply concerning questions about whether Mr. Dennis Reilley, as a director of three companies, reportedly leaked confidential information about those companies, in one case about merger negotiations, with a third party. This calls into question his fitness to serve on any public company's board of directors and raises questions about Paul Hilal's judgment in nominating him to our Board

Leadership, Despite Mr. Reilley's Apparent Inability to Comply With His **Basic Duty of Confidentiality as a Director**

- Multiple media reports have reported that Mr. Reilley leaked confidential board information to a friend, John Davidson, about the 2014 sale of Covidien, where he was a director, according to testimony of Mr. Davidson who pled guilty to lying to the FBI about who he received information from
- In reviewing a Federal plea agreement signed by Mr. Davidson, in 2019, Mr. Davidson admitted to making a false statement to the FBI that he had never received from "D.R." any non-public information, which D.R. had acquired as a result of his position on the boards of directors of Marathon Oil, DowDupont, or Covidien. (A) The plea agreement used the initials "D.R." only when referring to the director in question and Mr. Reilley was not named directly in the complaint
- In an SEC enforcement action against an associate of Mr. Davidson, John Special, who was found liable and ordered to pay nearly \$3 million (B) for allegedly trading on the basis of the information leaked by Mr. Davidson, Mr. Special claimed to have received material, non-public information from a "Director" who served on the Boards of Covidien, Marathon Oil and DowDuPoint, including, in the case of Covidien, regarding a proposed transaction between Covidien and Medtronic. We note that Mr. Reilley was not named directly in the SEC's complaint
- · Notably, before news of the plea agreement and SEC enforcement action became publicly known, Mr. Reilley resigned as director of CSX (to which he had been appointed by Mantle Ridge) and DowDupont (both in December 2018), and as chairman of Marathon Oil (in February 2019), the latter two of which were companies from which Mr. Reillev reportedly leaked confidential information as a director
- Mr. Reilley has not served on a public company board in the nearly six years since these resignations and the public disclosure of his reportedly having leaked confidential information to Mr. Davidson who had traded on that information

Paul Hilal Wants to Turn Over the Board and the Company to Mr. Reilley's TRANSCRIPT FROM A 2019 COURT HEARING APPROVING A GUILTY PLEA

BY IOHN DAVIDSON IN CONNECTION WITH PROVIDING A FALSE STATEMENT TO THE FBI

MS. ANDERSON [Assistant U.S. Attorney]: And he provided you with nonpublic information he had received from all three of those boards. correct?

THE DEFENDANT [lohn Davidson]: Yes. ma'am.

MS. ANDERSON: And he forwarded emails he received as a board member? THE DEFENDANT: Yes, ma'am.

[...]

MS. ANDERSON: You had, in fact, received nonpublic information from D.R. that he had acquired from his board work at Covidien, Marathon, and Dow, correct?

THE DEFENDANT: Yes, ma'am.

Transcript dated March 5, 2019 - Mr. Reilley resigned from the board of Marathon Oil in February 2019 and from the boards of DowDuPont and CSX in December 2018

"But this will be disqualifying in many investors' eyes, and it's hard to see how Mantle Ridge — which says it knew about the allegations before it nominated Reillev — got comfortable."

- A respected financial publication, "Board nominee in Air Products activist fight was accused of tipping off friend to merger a decade ago" (C)



45 (A) United States of America v. John Kenneth Davidson, Case No. 19-cr-56, filed on February 25, 2019. Transcript Dated March 5, 2019 (B) Securities and Exchange v. Special et al. Case No. 19-cv-1152, filed on December 12, 2019 (C) Liz Hoffman, Semafor, December 13, 2024

Mantle Ridge's Preferred CEO Candidate Is Insufficiently Qualified

Eduardo Menezes Lacks The Basic Qualifications We Look For in CEO Candidates



Mr. Menezes does not have any public Company C-suite or public Company Board experience

- Eduardo Menezes **lacks the experience necessary to serve as CEO of Air Products**, having never held a C-Suite role or served on the Board at a public company, a key criterion Air Products looks for as part of the rigorous selection process to determine the next President and future CEO of Air Products
- Mr. Menezes possesses no significant employment experience outside of his tenure at Linde and the Company's predecessors and subsidiaries
- Mr. Menezes left his role at Linde in 2021 after being passed over for the CEO role; he has not held any other operational role since leaving Linde almost 4 years ago

We believe Mantle Ridge is determined to seize control of Air Products' leadership and use this control to either severely curtail or eliminate our growth strategy, which is working, in order to generate a short-term return

By proposing an insufficiently experienced CEO candidate like Mr. Menezes, Mantle Ridge has clearly demonstrated that it has no interest in conducting a thoughtful succession process, but rather, appears more interested in terminating a successful and wellrespected CEO (whose appointment Paul Hilal / Pershing Square supported 10 years ago) in favor of a hand-picked, underqualified candidate that will do Mr. Hilal's bidding

In contrast to Mantle Ridge's inadequate CEO candidate who fails to meet basic search criteria, Air Products has already identified several candidates who are of superior caliber and experience, well-known to investors, and are current or former public company CEOs with significant international experience and relationships



Mantle Ridge Would Remove a Successful Executive Leader Amid a Thorough Succession Process Currently Underway

Seifollah ("Seifi") Ghasemi Chairman, President and Chief Executive Officer



✓ Significant shareholder in Air Products, with stake totaling ~\$239 million (A)

 Incentives highly aligned with shareholders

- Appointed as CEO in 2014 after Pershing Square / Paul Hilal supported his appointment to the Board as a global leader of inorganic specialty chemicals and advanced materials businesses
- Significant industry executive experience, including as former CEO of Rockwood Holdings, a global leader in lithium and advanced materials, and leadership roles at GKN, a global industrials company

Leadership has transformed Air Products by creating more than \$44B of shareholder value ^(B), leading the industry with organic sales growth, margin expansion, EPS growth, and the development and implementation of a Five-Point Plan to guide future success

Highly Respected Executive in Industrial Gases & Specialty Chemicals

Selected Experience



Chairman and CEO





Leadership Including Director of the Main Board of GKN and Chairman and CEO of GKN Sinter Metals

> VERSUM Board Director



Leadership Including Director of the Main Board of BOC Group, President of BOC Gases Americas, and Chairman and CEO of BOC Process Plants

Dennis Reilley

Mantle Ridge Chairman Nominee



× Owns no shares in Air Products

VS

- * Has not held an executive position in over 17 years since retiring in 2007
- ✗ Has not sat on a public Board in nearly 6 years since resigning from three directorships shortly before news reports surfaced that he was being investigated by the FBI for insider trading ^(C)
- Longstanding relationship with Paul Hilal including his tenure on the CSX Board and serving as a nominee of Mantle Ridge in its activist fight at Dollar Tree
- Has a two-year consulting agreement with Mantle Ridge, misaligning his interests from those of Air Products' shareholders

Media Reports Raise Serious Questions Regarding Whether Mr. Reilley Repeatedly Leaked Confidential Board Materials

Activist Director for Hire



- 47 (A) Ownership value based on APD share price as of December 13, 2024 (B) Based on \$25.2B market capitalization on June 30, 2014 (one day prior to first day as CEO) and
 - Based on \$25.2B market capitalization on June 30, 2014 (one day prior to first day as CEO) and December 13, 2024
- (C) Nolan Clay, The Oklahoman, February 27, 2019, "FBI insider trading probe results in criminal charge in Oklahoma City federal court"

Mantle Ridge Would Remove Our Lead Independent Director's Significant Operating and Supply Chain Expertise

Edward L. Monser

Lead Independent Director of Air Products



- Appointed as director in 2014 with support from Pershing Square / Paul Hilal
- Over three decades of experience leading global engineering organizations through strategic change, including as President and Chief Operating Officer at Emerson Electric, guiding the Company's footprint expansion and push to strengthen its global position
- Strong understanding of industrial operations, supply chain optimization, and continuous improvement
- Extensive experience in international business operations, particularly in emerging markets

Significant Experience in Industrial Operations and Supply Chain Optimization

VS

Ed Monser is **"the kind of truly independent**, **high-integrity**, and shareholder-oriented director nominee that we think can best serve shareholders" ^(A)



- Paul Hilal in an October 2024 letter to the Board of Air Products

Track Record of Value Creation^(B)



Paul Hilal

Mantle Ridge CEO and Nominee

No industry experience with the board or operations of an industrial gas or chemicals company

* Track record of value destruction and mismanaged

succession processes at all of Mantle Ridge's major activism campaigns – Aramark, CSX, and Dollar Tree, overseen from Vice Chairman role at all three companies

- Either was not aware of or did not care about alleged insider trading probes involving Dennis Reilley, which demonstrates lack of judgment and care for corporate governance and ethics
- No Relevant Industry Experience Coupled With a Track Record of Value Destruction at Mantle Ridge
- * Dissident director slate appears assembled largely based on previous relationships and activism involvement as opposed to fit-for-purpose recruitment
 - Every Mantle Ridge candidate has served on an activist's dissident nominee slate in one or more contested proxy situations and Mr. Reilley has a longstanding relationship with Mr. Hilal
- ^x Under his board oversight, CSX said in October 2024 it had received a subpoena from the Securities and Exchange Commission over an accounting restatement, as well as information requests about some of the company's performance metrics

Track Record of ^(B) Value Destruction **DOLLAR TREE** (104)%



aramark (63)%

TSR relative to the S&P 500 during his Board tenures



Mantle Ridge Would Remove Significant Legal and M&A Expertise

VS

Charles Cogut Independent Director of Air Products



- ✓ Recognized as one of the most prominent leading corporate lawyers in the United States
- Spent 39 years at Simpson Thacher & Bartlett LLP where he specialized in domestic, international, and crossborder mergers and acquisitions, other contests for corporate control and corporate governance matters
- Previously served as a director of The Williams Companies, Inc.

Leading Corporate Lawyer with Multi-Jurisdictional **M&A Expertise**



Tracy McKibben

Mantle Ridge Nominee

- * Appears to have significantly less legal experience than Mr. Cogut
- ***** Energy experience via advisory work at MAC Energy Group is duplicative given Lisa Davis and Alfred Stern's significant energy expertise
- * Public Board experience includes involvement in controversial activism campaigns

Less Relevant Experience Than Targeted Directors

Former Activist Nominee **Clinton Group's**

Candidate At:

GLEACHER & COMPANY

While a Director at

Imation, Launched Proxy

Contest with Clinton

Group At:

ARLINGTON

Governance / Ethics Issues ECOLAB'

Aimation

Tenure as a director at Ecolab includes numerous class action lawsuits pertaining to wage and hour violations resulting in \$50 million in settlement payments; Ms. McKibben currently sits on the Compensation & Human Capital Management Committee Tenure also overlaps with former Mantle Ridge nominee Jonathan Zillmer; Mr. Zillmer was appointed via Mantle Ridge campaigns both as a director at CSX and as CEO at Armark

While a director at Imation. McKibben appears to have allowed the company to be used as a shell by hedge fund Clinton Group for an unsuccessful activist campaign, drawing criticism from ISS and Glass Lewis, who criticized Imation

heavily for engaging in related-party transactions with Clinton that they said served to enrich the latter. While McKibben was a director, Imation ultimately delisted and its share price fell to a low of \$0.75





Mantle Ridge Would Remove Critical Energy and Renewables Expertise

Lisa A. Davis Independent Director of Air Products



- ✓ Ms. Davis brings 35 years of experience leading large, multi-faceted international businesses, particularly within energy and manufacturing industries and with a focus on overseeing and implementing world-scale energy projects
 - She has served on public boards in the U.S. and Europe, providing the Board with a solid understanding of these jurisdictions and considerations when implementing complex projects, which represent an important and growing portion of our business

Extensive Experience Leading World-Scale Energy Projects, Including Renewables

Selected Experience SIEMENS *」*] ' トラ : Member of the Managing Board for Siemens AG: CEO of Siemens Gas and Power: CEO and Chair of Siemens Automotive Executive Vice President, Strategy, Corporation USA: Member of the Portfolio & Alternative Energy of **Board of Directors of Siemens Board Director** Royal Dutch Shell, UK Gamesa Renewable Energy SA KOSM Board Director Board Director **Board Director**

Jects, VS



Former Activist

Nominee

Previous Board appointment via activism by Icahn at Southwest Gas has resulted in ~(75)% TSR vs. the S&P 500 over his tenure ^(A)

Andrew Evans

Mantle Ridge Nominee

- * Public C-Suite and Board experience limited to U.S. companies
- × Oil and gas industry credentials and renewable energy project experience pale in caliber to those of Lisa Davis
- As CFO of Southern Co between 2018 and 2021, Evans oversaw the finances of the Vogtle nuclear power plant expansion project, which was plagued by construction delays and cost overruns. The project, which was supposed to herald a nuclear power revival in the United States, was 7 years late and \$17B over budget

Less Relevant Experience Than Targeted Directors

Governance / Ethics Issues



Tenure as CFO at AGL involved a regulatory action and class action lawsuit filed against an AGL subsidiary over allegations the company overcharged customers for both natural gas and for customer service charges



Mantle Ridge's Proposed Changes Will Destroy Our Trajectory Toward Long-Term Value Creation



Air Products is Already Taking the Steps Necessary to Generate Significant and Sustainable Shareholder Value

Demands or Claims From Mantle Ridge	Air Products' Board & Management Actions
Accelerate efforts to de-risk existing large project commitments by signing offtake agreements at reasonable return hurdles	 Recently executed long-term agreement for downstream distribution with TotalEnergies Project returns are consistently re-evaluated against Air Products' targets Target >10% IRR threshold for new projects, in-line with public peers
Tie future capital investment to offtake agreements, consistent with well-established practice in the industrial gas sector	✓ Air Products will not announce a future project without an anchor customer committed on a long-term basis
Capex-to-sales to return to normalized levels beyond FY2026	 Assuming project finance goals are met, capex after project finance funding sources is expected to reduce to normalized levels by FY2026 Continuing to seek alternative funding sources to reduce annual capex We expect positive net cash starting in FY2027
Communicate a clear, credible, and transparent CEO succession plan	 President search announced in August 2024 although executive search firm was engaged since January 2023 Anticipate announcement of new President and related timeline for CEO succession by March 31, 2025 Air Products will ensure a smooth transition during FY2025 for the new CEO
Refresh the Board with highly qualified, independent directors with relevant experience leading capital-intensive businesses and managing succession processes	 On November 18, announced planned changes to its Board as part of its commitment to ongoing refreshment Following these changes, the Board will continue to be comprised of nine Directors, six of whom will have been appointed in the last five years as of the annual meeting
Restructure executive compensation to improve alignment with strategy and performance	 Several recent changes to executive compensation program Performance shares awarded as long-term incentives beginning in FY2026 will include a return on invested capital measure, in addition to TSR relative to the S&P 500

Air Products' Board Continuously Reviews Company Strategy, Capital Allocation, and Governance and Had Extensively Assessed the Above Items Prior to Mantle Ridge's Involvement



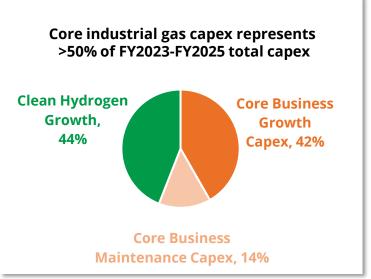
The Board Maintains a Robust Capital Allocation Framework Focused on Maximizing Sustainable Long-Term Shareholder Value

Our Approach

- Invest in new projects that meet or exceed internal return targets aligned with our two-pillar growth strategy
 - Traditional industrial gas business and sustainable growth projects in favorable markets
- Invest to maintain our reliable and profitable asset base

Looking Forward

- Evaluating alternative funding opportunities to reduce capital outlay
- Expect meaningful declines in net debt to Adjusted EBITDA ratio starting FY2027
- Expect positive net cash starting in FY2027





Actively Managing Investment Risk Across Significant Projects

Projects Under Execution					
Plant	Customer / Location	Current Status			
Green H ₂	AP/NEOM, Saudi Arabia	 Construction 60% complete; ~35% of production contracted on take-or-pay basis with negotiations underway for remaining production Recently executed long-term agreement for downstream distribution with TotalEnergies Investing \$800 million – significantly less than \$1.7B originally projected Onstream by end of 2026 			
Blue H ₂	Production/LA, USA	 Submitted for permits and expects them to be issued in 2025 and 2026 In active discussion for offtake and assessing equity partners and project financing 			
H ₂ / SAF	World Energy/CA, USA	 On hold awaiting permits Mitigating development risk in interim period 			
Net-zero blue H_2	IOL/Canada	60% of production committed with negotiations underway for remaining production			
Green H ₂	NY, USA	 Project moving forward on time Targeting onstream in 2027-2028 			
Blue H ₂	ExxonMobil / Rotterdam NL	 Long-term offtake agreements with ExxonMobil and the Dutch State Targeting onstream in 2026 			

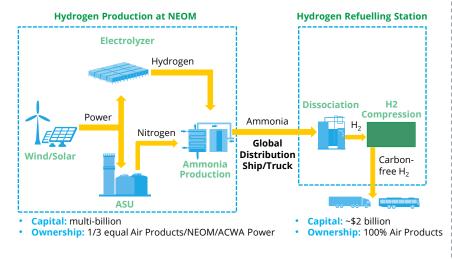
Air Products' Board and Management Maintain a Disciplined, Rigorous Focus on De-Risking Clean Hydrogen Projects



Our Jazan and NEOM Projects Demonstrate Our Ability to Raise Alternative Funding

NEOM Carbon-free hydrogen

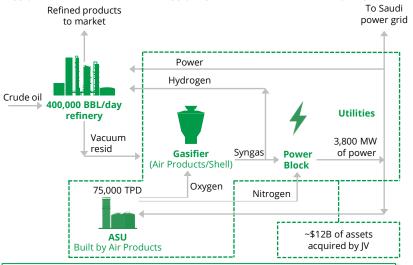
Produced and delivered with proven, world-class technology



- 73% non-recourse project finance, funded by 23 global financial institutions
- 27% cash from three equity partners
- Air Products only represents 1/3rd share of the equity at \$800 million, significantly less than initially planned

Jazan Joint Venture

Supply Saudi Aramco with critical supply of power, steam, utilities, and hydrogen



- Joint venture structure with 40% member contributions and 60% non-recourse project financing
- Joint venture owns and operates the facility under a 25-year contract for a fixed monthly fee
- Significantly de-risked through Aramco offtake



The Air Products Board is a Prudent Steward of Capital, and Our Commitments Prove This

- Assessing alternate funding opportunities across nearly all ongoing clean hydrogen projects
- Actively looking across projects for equity partners who will commit to offtake
- Put World Energy project on hold to avoid potential permit risk
- Focused on investing into new projects that will achieve target IRR
 - No longer pursuing Texas Green Hydrogen JV; sold development rights to our partner
- We expect positive net cash starting in FY2027



Many of These Commitments Existed Prior to Mantle Ridge's Involvement



Conclusion



Conclusion

02

Air Products Board and Management Have Consistently Delivered Results

- We are the most profitable industrial gas business in the world based on Adjusted EBITDA margin (A), growing at GDP or industrial production levels
 - We operate core industrial gases infrastructure globally, including 1,800 miles of industrial gas pipeline and 750+ production facilities
 - ~50% of FY2024 sales were driven by our on-site customers; our on-site business model yields stable and consistent returns given that costs are passed through to the customers, the contracts are long-term (e.g., 10-20 years), and customers pay fixed monthly charges and / or have minimum purchase requirements
- Significant gains in pricing, volume, and a stable, infrastructure-like on-site business model have delivered a 1,400bps increase in Adjusted EBITDA margin ^(A) and a compound annual Adjusted EPS growth rate ^(A) of ~11% since FY2014
 - Our sales have grown at a ~4% compound annual growth rate since FY2014 higher than our public peers (B)
- · Strong cash generation fuels continued increases in our dividend and strategic capital expenditures
 - Returned \$11.5 billion of cash to shareholders since FY2014
 - We have executed 42 consecutive years of dividend increases and have delivered a ~9% compound annual dividend growth rate since FY2014
- Under the Board's and Seifi Ghasemi's leadership, Air Products has created more than \$44B of shareholder value (C)
- Air Products has a track record of effectively executing on major projects, having successfully executed three major projects under the Board's and Mr. Ghasemi's stewardship over the last seven years alone deploying \$5B in capital and achieving overall returns across these projects exceeding our target
 - This includes the Lu'an Gasification Project, Jazan Industrial Complex and Uzbekistan Gas-to-Liquid Facility

The Board and Management Have Developed and Are Executing on a Focused Strategy to Extend the Core into Clean Hydrogen

- Today, fossil fuels account for more than 80% of global energy production, with a meaningful CO_2 footprint
 - Clean hydrogen is a clean fuel of the future because it can be a source of energy like oil or gas but releases no climate-warming carbon dioxide
- To grow long-term volumes, satisfy global decarbonization regulation, effectively serve evolving customer needs, and remain competitive, the industrial gases sector must invest in clean hydrogen capabilities
 - Clean hydrogen is a critical input for companies to reach their net-zero carbon emissions goals, including Air Products
- · Today, we are considered the leading supplier of hydrogen globally, and we are working to extend our leadership into clean hydrogen
 - We were the first industrial gases company to sell gray hydrogen over-the-fence and have been doing so for 50+ years
 - We capitalized on global desulfurization regulations in the 1990s to further supply hydrogen to refineries
 - We are using this strategy again to build upon our core business and capture growth in clean hydrogen
- · Because we are the first-mover, we have secured optimal locations globally and have begun forging critical supply chain and financing partnerships to excel in clean hydrogen
 - We are well-positioned to grow with the next phase of hydrogen development, which is clean hydrogen supported by the need to decarbonize hard-to-abate end markets
 - Our clean hydrogen growth will start with many of the same customers and end markets we know well and serve today
- · We are replicating the core industrial gases model: anchor customers, long-term committed offtake ahead of construction, take-or-pay contracts with cost pass-through
 - We expect positive net cash starting in FY2027
 - Air Products' clean hydrogen projects are expected to deliver returns at or above our core industrial gas return levels, producing significant additional value to our shareholders

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(R) Peers include Air Liquide, Linuteaster: bee Applenate to reconstruction and the state of the person in measure: bee Applenate to reconstruction and the person in measure: bee Applenate to reconstruction and the person in measure: bee Applenate to reconstruct the person in activity of the person in measure: bee Applenate to reconstruct the person in activity of the person in measure: bee Applenate to reconstruct the person in activity of the person in a



Conclusion

Refreshed, Independent and Fit-For-Purpose Board to Oversee Our Strategy

- The Air Products Board has the skills, experience, and expertise to oversee the successful execution of our two-pillar growth strategy to grow our core industrial gas business while capitalizing on our first-mover advantage in the clean hydrogen market and driving value creation
- The Board and Management team have been responsive to shareholders regarding capital investment discipline, making several strategic announcements of late that had been under review, such as (a) not
 committing to new clean hydrogen projects until existing capacity is majority-committed and (b) no longer pursuing the Texas green hydrogen JV after concluding its return profile would be insufficient to meet
 our standards
- The Board is committed to regular refreshment. To that end, six of nine directors on our slate were nominated in the last five years, including two new director nominees
- Our two new nominees, Bob Patel and Alfred Stern, were selected after an extensive search process and bring significant experience leading and overseeing public companies as CEOs
 - Each has a stellar record growing major industrial companies internationally and capitalizing on clean energy and sustainability opportunities
- · The Board is conducting a thorough search, aided by an independent search firm, for a President to serve as a qualified CEO successor to Mr. Ghasemi
 - This search began in January 2023 and was formally announced in August 2024, prior to D.E. Shaw's or Mantle Ridge's involvement. We anticipate the announcement of the new President and related timeline for CEO succession no later than March 31, 2025
- The Board is confident that we will recruit a candidate of superior caliber and experience: someone well known to investors and a current or former public company CEO with significant international experience and relationships to address the scale of our business
- The Board is currently prioritizing five candidates from a pool of over 1,000 candidates

Without Any Serious Plan for Value Creation, Mantle Ridge Seeks to Replace Air Products' Board Leadership with Inferior Nominees with Questionable Independent Thought

- Our interactions with Paul Hilal and Mantle Ridge demonstrate a lack of judgment and a pattern of behavior that is beyond the basis for reasonable, constructive engagement. Mantle Ridge is seeking to seize
 control of Board leadership and management by replacing our Lead Independent Director, replacing two of three independent committee Chairs, firing our CEO, replacing the executive team, and halting our
 strategy that is on track to create substantial long-term shareholder value, without any viable alternative for growth
- Mantle Ridge has proposed a new CEO candidate, despite not nominating him to their slate, who lacks public company CEO experience, has never served as a public company director and has not served in an
 operational role in four years
- Mantle Ridge has proposed an Executive Board Chairman candidate who, according to media reports and court filings and transcripts, may have leaked confidential information from three companies on whose boards he was serving to a friend, leading to criminal charges being brought against the friend for lying to the FBI, and SEC enforcement action against the friend and another individual who appears to have traded on the basis of such information
- Shortly before public disclosure of this candidate's reportedly having leaked confidential information and the related enforcement actions, the candidate resigned from three boards and the candidate has not served on the board of a public company since such resignations nearly six years ago, and has not served in an operating role in 17 years
- The election of Mantle Ridge's slate of nominees would remove critical expertise from our Board, including our CEO and Lead Independent Director, along with two other highly-qualified independent directors with
 extensive experience leading world-scale energy projects and multi-jurisdictional M&A expertise
- We believe Mantle Ridge's nominees have been selected, not because their experience is superior to or more relevant than our existing nominees, but rather because of pre-existing relationships with Mr. Hilal or their history as previous activist nominees
- Shareholders should be concerned that the relationships between certain of Mantle Ridge's nominees and Mr. Hilal could preclude them from acting independently



Appendix



Adjusted EBITDA and Adjusted EBITDA Margin Reconciliation

Adjusted EBITDA and Adjusted EBITDA Margin

Air Products defines adjusted EBITDA as net income less income or loss from discontinued operations, net of tax, and excluding non-GAAP adjustments, which the Company does not believe to be indicative of underlying business trends, before interest expense, other non-operating income (expense), net, income tax provision, and depreciation and amortization expense. Adjusted EBITDA and adjusted EBITDA margin provide useful metrics for management to assess operating performance. Margins are calculated independently for each period by dividing each line item by consolidated sales for the respective period and may not sum to total margin due to rounding. The tables below present consolidated sales and a reconciliation of net income on a GAAP basis to adjusted EBITDA and net income margin on a GAAP basis to adjusted EBITDA margin:

Millions of U.S. Dollars unless otherwise indicated	FY2024	FY2023	FY2022	FY2021	FY2020	FY2019	FY2018	FY2017	FY2016	FY2015	FY2014
Sales	\$12,100.6	\$12,600.0	\$12,698.6	\$10,323.0	\$8,856.3	\$8,918.9	\$8,930.2	\$8,187.6	\$7,503.7	\$7,824.3	\$8,384.0
Net income	3,862.4	2,338.6	2,266.5	2,114.9	1,931.1	1,809.4	1,532.9	3,021.2	661.5	1,317.6	993.1
Net income margin	31.9%	18.6%	17.8%	20.5%	21.8%	20.3%	17.2%	36.9%	8.8%	16.8%	11.8%
Reconciliation of GAAP to Non-GAAP:											
Net income	\$3,862.4	\$2,338.6	\$2,266.5	\$2,114.9	\$1,931.1	\$1,809.4	\$1,532.9	\$3,021.2	\$661.5	\$1,317.6	\$993.1
Less: (Loss) Income from discontinued operations, net of tax	(13.9)	7.4	12.6	70.3	(14.3)	_	42.2	1,866.0	(460.5)	351.7	302.1
Add: Interest expense	218.8	177.5	128.0	141.8	109.3	137.0	130.5	120.6	115.2	102.8	124.0
Less: Other non-operating (expense) income, net	(73.8)	(39.0)	62.4	73.7	30.7	66.7	5.1	16.6	(5.4)	(42.3)	(51.7)
Add: Income tax provision	944.9	551.2	500.8	462.8	478.4	480.1	524.3	260.9	432.6	300.2	258.1
Add: Depreciation and amortization	1,451.1	1,358.3	1,338.2	1,321.3	1,185.0	1,082.8	970.7	865.8	854.6	858.5	875.6
Add: Facility closure	_	_	_	23.2	_	29.0	_	_	_	_	_
Less: Change in inventory valuation method	_	_	_	_	_	_	24.1	_	_	_	_
Less: Gain on sale of business	1,575.6	_	_	_	_	_	_	_	_	_	_
Add: Business restructuring, cost reduction, and asset actions	57.0	244.6	73.7	_	_	25.5	_	151.4	34.5	180.1	11.1
Add: Business separation costs	_	_	_	_	_	_	_	32.5	50.6	7.5	_
Less: Gain on exchange with joint venture partner	_	_	_	36.8	_	29.1	_	_	_	_	_
Less: Gain on previously held equity interest	_	_	_	_	_	_	_	_	_	17.9	_
Add: Goodwill and intangible asset impairment charge	_	_	_	_	_	_	_	162.1	_	_	310.1
Less: Company headquarters relocation income	_	_	_	_	33.8	_	_	_	_	_	_
Less: Gain on land sales	_	_	_	_	_	_	_	12.2	_	33.6	_
Add: Equity method investment impairment charge	_	_	14.8	_	_	_	_	79.5	_	_	_
Less: India Finance Act 2020 - equity affiliate income impact	_	_	_	_	33.8	_	_	_	_	_	_
Add: Tax reform repatriation - equity method investment	_	_	_	_	_	_	28.5	_	_	_	_
Add: Loss on extinguishment of debt	_	_	_	_	_	_	_	_	6.9	16.6	_
Adjusted EBITDA	\$5,046.3	\$4,701.8	\$4,247.0	\$3,883.2	\$3,619.8	\$3,468.0	\$3,115.5	\$2,799.2	\$2,621.8	\$2,422.4	\$2,321.6
Adjusted EBITDA margin	41.7%	37.3%	33.4%	37.6%	40.9%	38.9%	34.9%	34.2%	34.9%	31.0%	27.7%

2,010 bps

1,400 bps

Net income margin improvement FY2014-FY2024 Adjusted EBITDA margin improvement FY2014-FY2024

Adjusted Diluted Earnings Per Share ("EPS") Reconciliation

Adjusted Diluted Earnings per Share ("EPS")

Adjusted diluted EPS is presented on a continuing operations basis. Air Products calculates this non-GAAP measure as net income from continuing operations attributable to Air Products, excluding the impact of certain disclosed items that the Company believes are not representative of underlying business performance, divided by the weighted average common shares reflecting the potential dilution that could occur if stock options or other share-based awards were exercised or converted into common stock. The Company believes it is important for the reader to understand the per share impact of our non-GAAP adjustments because management does not consider these impacts when evaluating underlying business performance. Per share impacts are calculated independently and may not sum to total adjusted diluted EPS due to rounding.

FY2021-FY2024

Effective beginning in fiscal year 2023, Air Products' adjusted diluted EPS excludes the impact of non-service related components of net periodic benefit/cost for the Company's defined benefit pension plans. Adjusted diluted EPS for fiscal years 2022 and 2021 and relevant comparisons presented below have been recast accordingly to conform to this presentation.

	FY2024	FY2023	FY2022	FY2021
Diluted EPS	\$17.24	\$10.30	\$10.08	\$9.12
Facility closure	_	_	_	0.08
Gain on sale of business	(5.38)	_	_	_
Business and asset actions	0.20	0.92	0.27	_
Gain on exchange with joint venture partner	_	_	_	(0.12)
Equity method investment impairment charge	_	_	0.05	_
Loss on de-designation of cash flow hedges	0.02	_	_	_
Non-service pension cost (benefit), net	0.34	0.29	(0.15)	(0.29)
Tax election benefit and other	_	_	_	(0.05)
Adjusted Diluted EPS	\$12.43	\$11.51	\$10.25	\$8.73

	FY2024 vs. FY2023	FY2023 vs. FY2022	FY2022 vs. FY2021
Change GAAP			
Diluted EPS \$ change	\$6.94	\$0.22	\$0.96
Diluted EPS % change	67%	2%	11%
Change Non-GAAP			
Adjusted diluted EPS \$ change	\$0.92	\$1.26	\$1.52
Adjusted diluted EPS % change	8%	12%	17%



Adjusted Diluted Earnings Per Share ("EPS") Reconciliation (Cont'd)

FY2014-FY2021

Amounts presented in the table below are as previously reported. The per share impact for each non-GAAP adjustment was calculated independently and may not sum to total adjusted diluted EPS due to rounding.

	FY2021	FY2020	FY2019	FY2018	FY2017	FY2016	FY2015	FY2014
Diluted EPS	\$9.12	\$8.55	\$7.94	\$6.59	\$5.16	\$5.04	\$4.29	\$3.24
Change in inventory valuation method	—	—	_	(0.08)	—	—	—	—
Facility closure	0.08	_	0.10	—	_	_	—	_
Business separation costs	_	_	_	_	0.12	0.21	0.03	_
Tax (benefit) costs associated with business separation	_	_	_	—	(0.02)	0.24	—	_
Business restructuring, cost reduction, and asset actions	_	_	0.08	—	0.49	0.11	0.61	0.03
Goodwill and intangible asset impairment charge	_	_	_	—	0.70	_	—	1.27
Gain on exchange with joint venture partner	(0.12)	_	(0.13)	—	_	_	—	_
Gain on previously held equity interest	_	_	_	—	_	_	(0.05)	_
Company headquarters relocation (income) expense	_	(0.12)	_	_	_	_	_	_
Gain on land sales	_	_	_	_	(0.03)	_	(0.13)	_
India Finance Act 2020	_	(0.06)	_	_	_	_	_	_
Equity method investment impairment charge	_	_	_	_	0.36	_	_	_
Pension settlement loss	_	_	0.02	0.15	0.03	0.02	0.06	0.02
Loss on extinguishment of debt	_	_	_	_	_	0.02	0.07	_
Tax reform repatriation	_	_	(0.06)	2.16	_	_	_	_
Tax reform adjustment related to deemed foreign dividends	_	_	0.26	(0.25)	_	_	_	_
Tax reform rate change and other	_	_	_	(0.96)	_	_	_	_
Tax restructuring	_	_	_	(0.16)	_	_	—	_
Tax election benefit and other	(0.05)	_	_	_	(0.50)	_	_	(0.14)
Adjusted Diluted EPS	\$9.02	\$8.38	\$8.21	\$7.45	\$6.31	\$5.64	\$4.88	\$4.42
	FY2021 vs. FY2020	FY2020 vs. FY2019	FY2019 vs. FY2018	FY2018 vs. FY2017	FY2017 vs. FY2016	FY2016 vs. FY2015	FY2015 vs. FY2014	
Change GAAP								
Diluted EPS \$ change	\$0.57	\$0.61	\$1.35	\$1.43	\$0.12	\$0.75	\$1.05	
Diluted EPS % change	7 %	8 %	20 %	28 %	2 %	17 %	32 %	
Change Non-GAAP								
Adjusted diluted EPS \$ change	\$0.64	\$0.17	\$0.76	\$1.14	\$0.67	\$0.76	\$0.46	
Adjusted diluted EPS % change	8 %	2 %	10 %	18 %	12 %	16 %	10 %	AIR



Thank You

