3NI Strategic Update & 2022 Outlook Meeting

Global Headquarters

3M 3M

Global

Headquarters









3M Strategic Update & 2022 Outlook Meeting

Welcome

Bruce Jermeland | Senior Vice President, Investor Relations

Forward looking statement

This presentation contains forward-looking information about 3M's financial results and estimates and business prospects that involve substantial risks and uncertainties. You can identify these statements by the use of words such as "anticipate," "estimate," "expect," "aim," "project," "intend," "plan," "believe," "will," "should," "could," "target," "forecast" and other words and terms of similar meaning in connection with any discussion of future operating or financial performance or business plans or prospects. Among the factors that could cause actual results to differ materially are the following: (1) worldwide economic, political, regulatory, international trade and other external conditions and other factors beyond the Company's control, including natural and other disasters or climate change affecting the operations of the Company or its customers and suppliers; (2) risks related to public health crises such as the global pandemic associated with the coronavirus (COVID-19); (3) foreign currency exchange rates and fluctuations in those rates; (4) liabilities related to certain fluorochemicals, including lawsuits concerning various PFAS-related products and chemistries, and claims and governmental regulatory proceedings and inquiries related to PFAS in a variety of jurisdictions; (5) legal proceedings, including significant developments that could occur in the legal and regulatory proceedings described in the Company's Annual Report on Form 10-K for the year ended Dec. 31, 2021, and any subsequent guarterly reports on Form 10-Q (the "Reports"); (6) competitive conditions and customer preferences; (7) the timing and market acceptance of new product offerings; (8) the availability and cost of purchased components, compounds, raw materials, and energy (including oil and natural gas and their derivatives) and labor due to shortages, increased demand and wages, logistics, supply chain interruptions or manufacturing site disruption (including those caused by natural and other disasters and other events such as government actions); (9) unanticipated problems or delays with the phased implementation of a global enterprise resource planning (ERP) system, or security breaches and other disruptions to the Company's information technology infrastructure; (10) the impact of acquisitions, strategic alliances, divestitures and other unusual events resulting from portfolio management actions and other evolving business strategies, and possible organizational restructuring; (11) operational execution, including scenarios where the Company generates fewer productivity improvements than estimated; (12) financial market risks that may affect the Company's funding obligations under defined benefit pension and postretirement plans; (13) the Company's credit ratings and its cost of capital; and (14) tax-related external conditions, including changes in tax rates, laws or regulations. Changes in such assumptions or factors could produce significantly different results. A further description of these factors is located in the Reports under "Cautionary Note Concerning Factors That May Affect Future Results" and "Risk Factors" in Part I, Items 1 and 1A (Annual Report) and in Part I, Item 2 and Part II, Item 1A (Quarterly Reports), as updated by applicable Current Reports on Form 8-K. The information contained in this presentation is as of the date indicated. The Company assumes no obligation to update any forward-looking statements contained in this presentation as a result of new information or future events or developments.

Note on non-GAAP financial measures

The accompanying presentations refer to certain non-GAAP financial measures. These non-GAAP measures are not in accordance with, nor are they a substitute for, GAAP measures. Reconciliations of these non-GAAP financial measures to the most directly comparable GAAP financial measures can be found in the Appendix to this "Welcome" presentation.





Today's agenda

Welcome The Power of 3M Research & Development Consumer Health Care Safety & Industrial Transportation & Electronics Finance & Transformation Bruce Jermeland, Senior Vice President Mike Roman, Chairman and CEO John Banovetz, Chief Technology Officer Jeff Lavers, Group President Mojdeh Poul, Group President Mike Vale, Group President Ashish Khandpur, Group President Monish Patolawala, Chief Financial & Transformation Officer

Break

Q&A

Adjourn





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Appendix

44444 ATTITUTE /



Income Information Adjusted for Special Items (Non-GAAP Measures)

(\$M)	Income Before Taxes		Provision for Income Taxes		Net Income Attributable to 3M		
Full Year 2019 GAAP Adjustments for special items:	\$	5,643	\$	1,114	\$	4,517	
Significant litigation-related charges/benefits		762	2	172		590	
Gain/loss on sale of businesses		(114))	15		(129)	
Loss on deconsolidation of Venezuelan subsidiary		162		_		162	
Full Year 2019 adjusted amounts (non-GAAP measures) ^{a.}	\$	6,453	\$	1,301	\$	5,140	
Full Year 2020 GAAP Adjustments for special items:	\$	6,795	\$	1,337	\$	5,449	
Significant litigation-related charges/benefits		17	,	56		(39)	
Gain/loss on sale of businesses		(389))	(86)		(303)	
Divestiture-related restructuring actions		55		9		46	
Full Year 2020 adjusted amounts (non-GAAP measures) ^{a.}	\$	6,478	\$	1,316	\$	5,153	
Full Year 2021 GAAP Adjustments for special items:	\$	7,204	- \$	1,285	\$	5,921	
None			-	_			
Full Year 2021 adjusted amounts (non-GAAP measures) ^{a.}	\$	7,204	- \$	1,285	\$	5,921	

a. In addition to reporting financial results in accordance with U.S. GAAP, the Company also provides non-GAAP measures that adjust for the impact of special items. Special items for the periods presented include the items described in the section entitled "Description of Special Items". Income before taxes and net income are both measures for which 3M provides the reported GAAP measure and a measure adjusted for special items. The adjusted measures are not in accordance with, nor are they a substitute for, GAAP measures. The Company considers these non-GAAP measures in evaluating and managing the Company's operations. The Company believes that discussion of results adjusted for these items is meaningful to investors as it provides a useful analysis of ongoing underlying operating trends. The determination of these items may not be comparable to similarly titled measures used by other companies.



Free Cash Flow, Free Cash Flow Conversion, Adjusted Free Cash Flow and Adjusted Free Cash Flow Conversion (Non-GAAP Measures)

Years ended December 31 (\$M)	2019	2020	2021
Major GAAP Cash Flow Categories			
Net cash provided by (used in) operating activities	\$ 7,070 \$	8,113 \$	7,454
Net cash provided by (used in) investing activities	(6,444)	(580)	(1,317)
Net cash provided by (used in) financing activities	(1,124)	(5,300)	(6,145)

Free Cash Flow (non-GAAP measure) Years ended December 31 (\$M, except 2022E in \$B)	2019	2020	2021	2022E
Net cash provided by (used in) operating activities	\$ 7,070 \$	8,113 \$	7,454	\$7.3 to \$7.9
Purchases of property, plant and equipment	 (1,699)	(1,501)	(1,603)	(\$1.7 to \$2.0)
Free cash flow ^{b.}	5,371	6,612	5,851	\$5.3 to \$6.2
Net income attributable to 3M	 4,517	5,449	5,921	\$5.9 to \$6.2
Free cash flow conversion ^{b.}	119 %	121 %	99 %	90% to 100%

Adjusted Free Cash Flow (non-GAAP measure) Years ended December 31 (\$M)		2019		2020		2021
Net cash provided by (used in) operating activities	\$	7,070	\$	8,113	\$	7,454
Purchases of property, plant and equipment	Ŧ	(1,699)	Ŧ	(1,501)	Ŧ	(1,603)
Free cash flow ^{b.} Adjustments for special items :		5,371		6,612		5,851
Significant litigation-related after-tax payment impacts TCJA transition tax payment		267		79 33		39 77
Divestiture-related restructuring after-tax payment impacts		60		12		6
Adjusted free cash flow ^{c.}		5,698		6,736		5,973
Adjusted net income attributable to 3M ^{a.}		5,140		5,153		5,921
Adjusted free cash flow conversion ^{c.}		111 %		131 %		101 %



Free Cash Flow, Free Cash Flow Conversion, Adjusted Free Cash Flow and Adjusted Free Cash Flow Conversion (non-GAAP measures)

- b. Free cash flow and free cash flow conversion are not defined under U.S. generally accepted accounting principles (GAAP). Therefore, they should not be considered a substitute for income or cash flow data prepared in accordance with U.S. GAAP and may not be comparable to similarly titled measures used by other companies. The Company defines free cash flow as net cash provided by operating activities less purchases of property, plant and equipment. It should not be inferred that the entire free cash flow amount is available for discretionary expenditures. The Company defines free cash flow conversion as free cash flow divided by net income attributable to 3M. The Company believes free cash flow and free cash flow conversion are meaningful to investors as they function as useful measures of performance and the Company uses these measures as an indication of the strength of the company and its ability to generate cash.
- c. Adjusted free cash flow and adjusted free cash flow conversion are not defined under U.S. GAAP. Therefore, they should not be considered a substitute for income or cash flow data prepared in accordance with U.S. GAAP and may not be comparable to similarly titled measures used by other companies. The Company defines adjusted free cash flow as net cash provided by operating activities, adjusted for special items, less purchases of property, plant and equipment. Cash payments associated with special items in the determination of adjusted free cash flow are reflected net of applicable tax using the U.S. statutory corporate tax rate during the period of payment. It should not be inferred that the entire adjusted free cash flow amount is available for discretionary expenditures. The Company defines adjusted free cash flow conversion as adjusted free cash flow divided by net income attributable to 3M, adjusted for special items for the periods presented include the items described in section entitled "Description of Special Items". The Company believes adjusted free cash flow and adjusted free cash flow conversion as they are useful measures of performance and the Company uses these measures as an indication of the strength of the company and its ability to generate cash.



Net Debt (Non-GAAP Measure)

(\$M)	December 31, 2019		December 31, 2020		December 31, 2021	
Total debt	\$ 20,313	\$	18,795	\$	17,363	
Less: Cash, cash equivalents and marketable securities	 2,494		5,068		4,792	
Net debt ^{d.}	\$ 17,819	\$	13,727	\$	12,571	

d. Net debt is not defined under U.S. GAAP and may not be computed the same as similarly titled measures used by other companies. The Company defines net debt as total debt less the total of cash, cash equivalents and current and long-term marketable securities. 3M believes net debt is meaningful to investors as 3M considers net debt and its components to be an important indicator of liquidity and a guiding measure of capital structure strategy.



Description of Special Items

In addition to reporting financial results in accordance with U.S. GAAP, the Company also provides various non-GAAP measures that incorporate adjustments for the impacts of special items. Special items incorporated in the preparation of these non-GAAP measures for the periods presented include the items described below:

Significant litigation-related charges/benefits:

- In 2020, 3M recorded a net pre-tax charge of \$17 million (\$13 million after tax) related to PFAS (certain perfluorinated compounds) matters. The charge was more than offset by a reduction in tax expense of \$52 million related to resolution of tax treatment with authorities regarding the previously disclosed 2018 agreement reached with the State of Minnesota that resolved the Natural Resources Damages lawsuit. These items, in aggregate, resulted in a \$39 million after-tax benefit. In 2021 and 2020, 3M made payments of approximately \$49 million and \$100 million, respectively, related to significant litigation-related matters.
- In 2019, the Company recorded significant litigation-related charges of \$762 million (\$590 million after tax) related to PFAS matters (\$449 million pre-tax) and coal mine dust respirator mask lawsuits (\$313 million pre-tax). In 2019, 3M made payments of approximately \$338 million related to significant litigation-related matters.

Gain/loss on sale of businesses:

- In 2020, 3M recorded a pre-tax gain of \$2 million (\$1 million loss after tax) related to the sale of its advanced ballistic-protection business and recognition of certain contingent consideration and a pre-tax gain of \$387 million (\$304 million after tax) related to the sale of its drug delivery business.
- In 2019, 3M recorded a gain related to the sale of certain oral care technology comprising a business in addition to reflecting an earnout on a previous divestiture, which together resulted in a net gain of \$8 million (\$7 million after tax). In 2019, as a result of a "held for sale" tax benefit related to the legal entities associated with the pending divestiture of the Company's gas and flame detection business, 3M recorded an after-tax gain of \$43 million. In 2019, 3M also recorded a gain related to the divestiture of the Company's gas and flame detection business and an immaterial impact as a result of measuring a disposal group at the lower of its carrying amount or fair value less cost to sell, which in aggregate resulted in a pre-tax gain of \$106 million (\$79 million after tax).



Description of Special Items

Divestiture-related restructuring actions:

- In 2021, 3M made payments of approximately \$8 million associated with divestiture-related restructuring actions.
- In 2020, following the divestiture of substantially all of the drug delivery business management approved and committed to undertake certain restructuring
 actions addressing corporate functional costs and manufacturing footprint across 3M in relation to the magnitude of amounts previously allocated/burdened to
 the divested business. As a result, 3M recorded a pre-tax charge of \$55 million (\$46 million after tax) and made a subsequent immaterial adjustment thereto. In
 2020, 3M made payments of approximately \$14 million associated with these restructuring actions.
- In 2019, 3M made payments of approximately \$76 million associated with restructuring charges taken in 2018 related to addressing corporate functional costs following the 2018 Communication Markets Division divestiture.

Enactment/measurement period adjustments related to the Tax Cuts and Jobs Act (TCJA):

• In 2021 and 2020, 3M made payments of approximately \$77 million and \$33 million, respectively, related to the transition tax expense incurred as a result of the 2017 enactment of the TCJA.

Loss on deconsolidation of Venezuelan subsidiary:

• In 2019, 3M recorded a pre-tax charge of \$162 million related to the deconsolidation of the Company's Venezuelan subsidiary.





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3M Strategic Update & 2022 Outlook Meeting

Driven by Purpose, Delivering Performance Mike Roman | Chairman and CEO

Delivered strong performance in 2021

Growth above macro

- Organic strategies
- Portfolio management

Capital allocation

- Research & Development
- CapEx

Consistent value & returns

 Actions to deliver margin and cash flow

Operational excellence

• Changes to drive COGS, service and cash



\$3.6B invested in R&D and CapEx in 2021

\$6B of adjusted free cash flow with an adjusted conversion rate of 101%

Annual pre-tax savings of **\$180M** (productivity actions)





Connecting purpose to performance

Unlock the power of people, ideas, and science to reimagine what's possible







Progress powered by our Purpose

- Realigned Business Groups, simplifying from five to four, and introduced a new global, business group-led operating model
- Strengthened and realigned Enterprise Operations, to build a more customer-driven and streamlined organization
- Prioritized allocation of capital to deliver value to customers and shareholders
- Advanced 3M leadership in Environmental, Social & Governance (ESG)





Realigned businesses to customers and go-to market model

From:

- Health Care
- Safety & Graphics
- Industrial
- Electronics & Energy
- Consumer

To:

- Health Care
- Safety & Industrial
- Transportation & Electronics
- Consumer





Stronger, realigned Enterprise Operations driving end-to-end value

- Aligning manufacturing, supply chain, and customer experience
- Leveraging knowledge globally
- Empowering our people
- Improving customer net promoter score
- Enabling more powerful innovation

Outcomes:

Driving improvements in service, COGS, and cash

Anticipated annual pre-tax savings of \$250M (productivity actions)



Prioritizing capital allocation to deliver for customers and shareholders



Supported by active portfolio management

Acquisitions

Shifting to more attractive, high growth markets:

- Acelity
- M*Modal

Divestitures

Realigning our portfolio to deliver focus:

- Food safety
- Drug delivery
- Communications markets







Accelerating our environmental commitments

Planning to invest \$1 billion over 20 years

2022	2023	2024	2025	2030	2040	2050
10% water reduction	Install purification technology at largest water- using locations	Returning higher quality water to the environment after use in operations	20% water reduction Reduce dependence on virgin fossil-based plastic by 125M lbs.	25% water reduction at our facilities 50% carbon reduction	80% carbon reduction	Carbon neutral



Delivering growth and shareholder value in 2022



Growing faster than the markets and economies we serve



Expanding margins and EPS through operating rigor, productivity, and price



Delivering robust cash flow through supply chain recovery and improvements in working capital



Investing capital in high growth, high return portfolios that utilize our fundamental strengths



Advancing sustainability commitments to reduce GHG emissions and improve water quality



Maintaining a strong balance sheet, providing flexibility for M&A and shareholder returns



2022 planning estimates

Organic sales growth **2% to 5%**

Earnings per share **\$10.15 to \$10.65**

Free cash flow conversion 90% to 100%

Estimates include forecasted headwind from disposable respirators on growth (2%) and EPS (\$0.45)



Built to grow in attractive end markets

Powered by market-leading businesses



2021 sales



Seasoned leadership team with deep, diverse expertise



John Banovetz EVP, Chief Technology Officer and Environmental Responsibility



Eric Hammes EVP, Chief Country Governance and Services Officer



Monish Patolawala EVP, Chief Financial and Transformation Officer



Karina Chavez SVP, Chief Strategy Officer



Ashish Khandpur Group President, Transportation and Electronics



Mojdeh Poul Group President, Health Care



Zoe Dickson EVP, Chief HR Officer



Peter Gibbons Group President, Enterprise Operations



Jeffrey Lavers Group President, Consumer



Kevin Rhodes EVP, Chief Legal Affairs Officer



Mark Murphy EVP, Chief Information and Digital Officer

Michael Vale Group President, Safety and Industrial





Our strategic priorities:

FIBER

Portfolio management

1

Transforming 3M operating model

2

Growth through innovation

3

People and culture

4





Repositioning to higher growth markets where we can create differentiated value by utilizing our fundamental strengths:

Invest

Invest organically in attractive, growing market segments

Reallocate

Prioritize and deploy capital and resources to most attractive opportunities

Optimize business models

Maximizing value across our portfolio

Acquire

Reposition portfolio to attractive markets to leverage the 3M Operating Model

Divest

Drive fit and focus while unlocking value for customers and shareholders



Our Operating Model is powered by four fundamental strengths:

Technology

Ability to share and combine elements of 3M's broad technology portfolio to produce unique, differentiated products, translating to premium margins



Manufacturing

Utilization of 3M manufacturing footprint and technology, including process trade secrets, leading to higher-performing products and lower unit costs



Global capabilities

Subsidiary front- and backoffice footprint that allows for the effective development, adaptation and commercialization of products

3M

Brand

Brand equity in the 3M brand and in strategic brands that are shared across business groups



Growth through innovation

Prioritizing large, fast-growing commercial markets:



Home Improvement \$150B market size



Automotive/Mobility **\$26B market size**



Manufacturing \$50B market size



Wound Care
\$20B market size



Healthcare IT \$40B market size



Electronic Materials **\$13B market size**

Advancing the digitization of 3M

Digital Enterprise

Improve corporate functional efficiency

Digital Customer

Digital customer intimacy and seamless customer experience

Digital Operations

Digital process and data expertise to reduce cost and improve effectiveness

Digital Products

New digital business models on top of existing product and service





Enabling our people to be at their best

Powering inclusion and committing to a more diverse and equitable future

- Advancing equity commitments in each business group
- Combining the best of virtual & in-person work, introducing 'Work Your Way'
- Investing \$50 million in our communities, with a focus on expanding STEM education
- Doubling the number of employees from underrepresented groups





The world is changing, and we're leading the change

Supply chain disruptions impacting global operations

We're taking actions to drive improvements in service, COGS, and cash flow

Increasing litigation impacting many industries

We will vigorously defend our legal positions based on our values and our science

Pandemic raising the world's expectations of companies

We're fighting the pandemic from all angles, and for all stakeholders





Helping the world address COVID-19

Fighting the pandemic from all angles, and for all stakeholders

- Prioritizing employee safety and well-being
- Distributed 4.3 billion respirators to protect healthcare workers
- Helped accelerate vaccine manufacturing
- Focused on serving customers and advancing business model in challenging environment



Our commitments

Growth through innovation

Grow above macro

Proactive portfolio management Increase value to customers and shareholders

Operational excellence Deliver on financial commitments

Lead in sustainability as a manufacturer Achieve ESG goals through science







3M Strategic Update & 2022 Outlook Meeting

Research & Development

John Banovetz, Chief Technology Officer & Environmental Stewardship



Applying technology to meet customer needs

Integrated innovation model

The Application of Science & Engineering

Technology Development

• Technology platforms

• Science and engineering capabilities

R

&

Corporate Research Lab

The Application of Technology

Product Development

- Product platforms
- Market trends, customer insights
- Product development labs



R&D investment

Leveraging the power of technology



Targeted investment

- Flex within and across businesses
- Growth, maintenance and ESG
- R&D spend 5% 6% of sales



Customer focus

- R&D concentrated close to the customer in the businesses
- Globally connected laboratories



Technology for the future

- Future technologies linked to market opportunities
- Broad-based external perspective





Customer at our core **3M innovation**

Insights. Technology platforms. Collaborative culture.




Technology

3M Technology Platforms

Innovative technologies, unique applications drive growth

Materials		P	ocessing Capabilities		Digital A		Ap	pplications				
Dental & Orthodontic Materials	Nano- technology	Rm Release Materials	Micro- replication	Pp Polymer Processing	Thin Film & Plasma Processing	In Inspection & Measurement	We Accelerated Weathering	Es Electronic Systems	Ss Software Solutions	Dd Drug Delivery	Fp Filtration & Purification	Tm Thermal Management
Co Advanced Composites	Mm Metamaterials	Porous Materials & Membranes	Mo Molding	Particle & Dispersion Processing	Surface Modification	Converting & Packaging	Sd Sustainable Design	Ds Data Science & Analytics	See Sensors	Cs Connected Systems	Fe Flexible Electronics	Sw Skin & Wound Management
Cee Ceramics	Fluoro- materials	Pm Performance Materials	Am Additive Manufacturing	Precision Coating & Web Processing	Rp Radiation Processing	Analytical Science	Process Design & Control	Cv Computer Vision	Ro Advanced Robotics	Biodetection & Microbial Management	Eg Engineered Graphics	Mf Mechanical Fasteners
Bi Biomaterials	Films	Nw Nonwovens							Modeling & Simulation	Acoustic Management	Energy Components	Lm Light Management
Ad Adhesives	Em Electronic Materials										Display Components	Hd Healthcare Data Management
Abrasives												

Multilayer Optical Film









Research & Development

Investing for growth

Targeting growth above macro in attractive markets

Home Improvement \$150B market size Automotive/Mobility \$26B market size

Manufacturing \$50B market size

Healthcare IT \$40B market size Wound Care \$20B market size

Electronic Materials \$13B market size



Digitally enabled product spec-in and virtual material development

Increasing the pace of innovation with our customers



- 3M creates Material Data Card (MDC) for existing or potential product
- Customer creates and tests digital prototypes in their digital twin
- Customer request → manufacturing in as little as three months



Accelerating our environmental commitments

Planning to invest \$1 billion over 20 years

2022	2023	2024	2025	2030	2040	2050		
10% water reduction	Install purification technology at	Returning higher quality water to the	20% water reduction	25% water reduction at our facilities	80% carbon reduction	Carbon neutral		
	largest water- using locations	environment after use in operations	Reduce dependence on virgin fossil-based plastic by 125M lbs	50% carbon reduction				
γ		ſ		L	γ]		
>10% in 2021	Const	ruction underway, ahea	d of plan	On plan, 2021 RE100 Market Trailblazer Award				



Enabling the future with materials

Sustainability embedded in our products and operations



- We make chemicals to use in our materials
- We sell products that solve customer needs
- We use a science-based approach rooted in sustainability to guide our choices and actions
- We develop and partner to evaluate and deploy state of the art controls and mitigation



- Global chemical management policy and governance
- Product reformulations and portfolio actions
- Continuous improvement in operations
- Environmental stewardship goals
- Sustainability value commitments in every new product



Advancing our innovation model

Investing for growth in the future



- Advanced robotics
- Hydrogen economy
- Optical metamaterials
- Additive manufacturing
- Modeling and simulation
- Biological technology





3M Strategic Update & 2022 Outlook Meeting

Bringing 3M to the hearts and minds of consumers Jeff Lavers, Consumer Group President

Consumer

2021 sales

Category-leading consumer portfolio growing above macro enabled by:

- Strong consumer insight in market segments growing faster than GDP
- Iconic, global and category-defining brands with leading positions
- Leveraging 3M technology, manufacturing strengths and global presence



Information reflects Q1 2022 segment reporting changes. See 8-K dated February 11, 2022. 3M Strategic Update & 2022 Outlook Meeting – February 14, 2022. All rights reserved.



Inne



Winning in priority consumer markets growing faster than GDP:

Home Improvement \$150B market	Consumer sa \$70B market	afety & well-being	Package protection & \$3B market	shipping	Appearanc \$2B market	
		Nexcare	Scotch	Min.	-	Neguiars
Our winning formula:	1 Aligned to: Growing consumer needs	2 Defined by: Differentiated 3M technology	3 Strengthened by: World-class 3M manufacturing	3M's (erated by: global ting model	5 Built for: e-Commerce and digital



Command[™]

Empowering consumers to personalize their space without doing harm

Global Sales Growth 2019-21 CAGR 20% "Own the wall" platform growth sustained by proven playbook, continuous reinvention and ample runway

Aligned to Growing consumer needs



Defined by Differentiated 3M technology



Strengthened by World-class 3M manufacturing



Accelerated by **3M's global operating model**





Built for

e-Commerce

and digital

Consumer





Filtrete[™]

Empowering people to take control of the air they breathe



Global Sales Growth 2019-21 CAGR 14%

"Own the air" platform accelerated by increasing air awareness globally along with organic growth investments

Aligned to Growing consumer needs





Global Environmental Pandemic Triggers



Allergies and Asthma Defined by Differentiated **3M technology**





Strengthened by World-class 3M manufacturing



Accelerated by 3M's global operating model



Built for e-Commerce and digital



Healthier

Homes



Consumer

Essential elements to drive our business

Consumer-first mindset

- Insights-driven innovation and platform expansion
- Household penetration
- Prioritizing online growth and digital-based demand generation



Advancing sustainability

- Build sustainable platforms in package protection, household cleaning, air quality and more
- Reduce dependence on virgin fossil plastic by 125 million pounds by 2025
- Move toward 100% recyclable or reusable packaging









Organic sales growth Low to midsingle digit

Delivering on 2022 commitments

Achieving above-market growth

- Strengthening our position in attractive consumer markets
- Prioritize investments and resources into our top brands and platforms

Winning with our retail partners and consumers

- Elevate service and key account category management capabilities
- Exceed consumer expectations by delivering superior innovation, sustainability and brand experiences

Focusing on profitability and scale

- Leverage sales growth and drive portfolio prioritization
- Accelerate investments to increase both capacity and automation





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Enabling better, smarter, safer healthcare Mojdeh Poul, Health Care Group President

2021 sales **\$8.6B**

Advancing healthcare delivery, quality, and outcomes

- Trusted brands and proven category leadership
- Breadth and depth of technology platforms
- Global clinical and education expertise





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Health Care

Creating differentiated value in attractive market segments

Wound care

\$20B market '24E 6-8% growth

#1

With a broad and clinically differentiated offering

Healthcare IT

\$40B market '24E 7-14% growth

>**4,500** U.S. hospitals using 3M HIS* solutions

Biopharma

\$10B market '24E 10-15% growth

1st To market with hybrid chromatography solutions

Our strategic imperatives to drive above market growth:





3

High-impact innovation

Digital solutions & business models Clinical & health economics evidence

4



2

Creating sustainable long-term growth

By optimizing our portfolio through organic growth acceleration, acquisitions and divestitures



Strategic portfolio optimization

Organic Growth Acceleration

Deploy capital and resources to priority portfolios

Acquisitions: Acelity and M*Modal

Reposition portfolio towards on-trend growth segments

Divestitures: Drug Delivery Systems and Food Safety

Create value for customers, shareholders, and employees



3M Health Care portfolio shift over time



Delivering on customer needs to fuel growth

Through transformative new products, digital acceleration, and evidence-based outcomes



High-impact innovation

- Robust new product platforms
- Commercialization with speed & scale
- Strategic partnerships & investments

Separation & purification sciences

3M[™] Harvest RC reduces a 3-step process to 1step and improves process yields from 85% to 95%





Digital solutions & business models

- Technology & digital infrastructure
- Connected products & solutions
- Digital workflows

Health information systems

3M[™] Follow-up Finder is a cloud-based solution that enables proactive and automated care follow-ups





Clinical & health economics evidence

- Compelling clinical evidence
- Impactful health economics data
- Best-in-class clinical training & education

Medical solutions

Health economics analysis showed 30-37% lower total cost of care with 3M[™] V.A.C.® therapy*





Building an industry-leading wound care business

Treating more than 10 million wounds globally



Prevent Brand 3M™ Cavilon™ Prepare Brand 3M™ Kerracel™ Protect Brand 3M™ Tegaderm™ Activate Brand 3M[™] V.A.C.® Close Brand 3M™ Prevena™

Retrospective study in WOUNDS*

iOn PROGRESS™ Remote Therapy Monitoring is a first to market system

143% Increase in patient adherence (Hours of use per day)



Prevena[™] Therapy PROMISES RCT**

3M[™] Prevena[™] therapy reduces risk of surgical site complications



3x

Less likely to be readmitted with 3M[™] Prevena[™] therapy





Organic sales growth Mid-single digit

Delivering on 2022 commitments

Unwavering commitment to our customers

- Deliver unparalleled end-to-end customer experience
- Develop clinical and economic evidence to support improved outcomes
- Partner to advance health equity in our communities

Market-leading growth and innovation

- Deploy capital to high growth opportunities
- Intensify investment in digital, data analytics, and commercial capabilities
- Drive penetration in prioritized geographies

Focus on profitability

- Drive portfolio mix optimization
- Execute continuous improvement initiatives
- Leverage technology to transform business models



Health Care



3M Strategic Update & 2022 Outlook Meeting

Transforming how work gets done

Michael G. Vale, Ph.D. | Safety & Industrial Group President

2021 sales \$12.0B

Market leaders in safety, tapes, adhesives and abrasives applications built on:

- Delivering precision expertise at customer point-of-use
- Differentiated technology solving customers problems
- Proven & trusted capability to rapidly scale solutions globally



Information reflects Q1 2022 segment reporting changes. See 8-K dated February 11, 2022. 3M Strategic Update & 2022 Outlook Meeting – February 14, 2022. All rights reserved.



Leading in the industrial foundation of the global economy

Global IPI 3.5% (2021-2024 CAGR)

Manufacturing

\$50B market '24E 3-5% growth rate

- General Industrial
- Utilities and Power generation
- Metals and Metal Fabrication
- Auto & Transportation

Construction

\$10B market '24E 2-5% growth rate

- Non-residential
- Residential

- Vehicle Maintenance
- Public Safety

2



Driving the 3M strategic imperatives to lead within our markets

Continuously optimizing our diverse Portfolio

Investing to create and drive innovation to commercial scale

Transforming our businesses at the speed of our markets and customers

З

Advancing the power of our people and strengthening the overall culture

4



Delivering expertise across multiple segments and models



B2B Distribution-Centric

Key Account & Direct Sales

Converter/Value-Added Reseller



- Broad product portfolio
- Key account specialists •
- Digital marketing expertise
- Joint business plans/POS data

Differentiated service offering

Differentiated technology that solves critical customer problems

Win in the core

Continuously rejuvenate portfolios for share gain & penetration Segments growing at ~3%



Sustainability platforms

- Low / Zero VOC Tapes
- Liquid paint efficiency
- Curbside Recyclable Packaging
- Smog-reducing Granules



Advancing leading platforms

- Next Gen SCBA
- Fall Protection
- Low-cure Stress Adhesives
- Paint Application System
- Mesh Abrasives & Dust Extractors

Build the future New platforms centered on large future growth areas Segments growing at 10%+



Digital platforms

- Robotics & Automation
- Automated Dispensing
- Connected Bodyshop
- Grid Modernization



- EV Thermal & Bonding
- Wearable e-Bonding
- E-commerce
- Fulfillment solutions





Commercializing digital platforms

Integrating data capture and analytics with material product platforms

Connected Bodyshop

Building end-to-end connectivity to improve shop productivity & profitability



- Inventory management
- Material auto replenishment
- Claims & Compliance integration

Grid Modernization

Integrating real-time sensing capability to improve grid health and evolution



- Robust and locatable connections
- Fault response and prevention
- Renewable technology expansion

Robotics & Automation

Material removal solutions integrating abrasives, hardware and software



- Labor productivity & flexibility
- Increased workplace safety
- Repeatable, high-quality results





Organic sales growth **Flat to lowsingle digit**

Delivering on 2022 commitments

Driving growth at the macro

- Increasing impact of new products in priority segments
- Shifting customer demand through expertise delivery
- Managing respirator demand changes

Expanding profitability

- Accelerating the high margin core of the portfolio
- Continued price execution in dynamic conditions
- Lean Six Sigma focus on plant productivity and yield

Continuing to focus on future growth platforms

- Disciplined focus on portfolio management and capital allocation
- Increase investment into acceleration trends in our key markets
- Advancing the organization diverse, digital & global



Science. Applied to Life.™

3M Strategic Update & 2022 Outlook Meeting

Solving tough customer challenges to advance a connected world

Ashish Khandpur, Ph.D. | Transportation & Electronics Group President

2021 sales **\$9.3B**

Winning by solving tough customer challenges

- Intersecting customer technology and product roadmaps
- Leveraging a broad range of technology platforms to create breakthrough solutions for our customers
- Inventing in one segment and transplanting in others to win





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Transportation & Electronics

Creating differentiated value in attractive market segments

Automotive / mobility

Market size: \$26B Annual growth: 6-8%

Growth drivers:

Human-machine interface ePowertrain / battery solutions Innovative materials

Electronic materials

Market size: \$13B Annual growth: 5-7%

Growth drivers:

Data center solutions, Factory automation / Internet of Things Novel displays – AR, VR

Semiconductor

Market size: \$4B Annual growth: 6-8%

Growth drivers:

Fab manufacturing consumables Semiconductor equipment Advanced packaging

Graphic & architectural films

Market size: \$11B Annual growth: 6-8%

Growth drivers:

Digital print and colored films Auto personalization – car wraps, window films Architectural finishes

Our strategic imperatives to drive above market growth:

1

Building new growth platforms in high growth segments of future relevance

2

Creating highly differentiated solutions in large markets



Driving increased profitability through portfolio optimization, price and mix improvement, and operational excellence



Expanding our addressable market in automotive

- Confluence of automotive, electronics, and electrification leading to large, fast-growing opportunities
- High intimacy with our key customers provides early access to their technical roadmaps
- Driving share expansion with core platforms relevant to both ICE and EV
- Building new growth platforms aligned to disruptive electronics & electrification trends

Building on our 100-year history as a trusted partner to customers worldwide



	vehicles Electric vehicles				
Acoustics	Core platforms				
Bonding & j	Adhesives and tapes for interior, exterior applications to bond metals, plastics and glass	Market size \$21B			
Engineered	Annual growth 5 to 6 %				
FINISSIONS	issions Catalytic convertor mat mounts and thermal insulation eFficiency and durability				
	Human machine interface (HMI) Light management with auto displays, eMirrors, head up displays and sensors				
	Innovative materials Light-weighting, friction shims and fuel cell solutions				



Building new growth platforms in automotive





Transportation & Electronics

Creating differentiated solutions in large markets

Electronics

VR/AR optics

Electronics LCD 2.0





Enabling OLED-like color, dynamic range, and performance in LCD displays Folded optics and image management solution for virtual and augmented reality (VR/AR) headsets Electronics
Data center solutions



Data center thermal management and sustainability solutions





Organic sales growth Low to highsingle digit

Delivering on 2022 commitments

Unwavering focus on our customers

• Innovative 3M culture and strong customer partnerships lead to groundbreaking solutions

Executing our growth plans

- Building new platforms in high growth segments
- Growing in established priority markets through reinvention and penetration

Increasing profitability and capital efficiency

- Prioritized allocation of Capex, R&D, and SG&A investments to high growth programs
- Margin improvements through portfolio, product differentiation, and operational excellence





3M Strategic Update & 2022 Outlook Meeting

Finance & Transformation

Monish Patolawala | Executive Vice President, Chief Financial & Transformation Officer

3M operating framework:




Driving operating performance through daily management, powered by data & data analytics

Objective	Metric		Q1	Q2	Q3	Q4	CY
Objective #1	Metric #1	PY	Χ%	Χ%	Χ%	Χ%	Χ%
		Est.	Χ%	Χ%	Χ%	Χ%	Χ%
		Act.	Χ%	Χ%	Χ%	Χ%	Х%
Objective #2	Metric #2	PY	\$X	\$X	\$X	\$X	\$X
		Est.	\$X	\$X	\$X	\$X	\$X
		Act.	\$X	\$X	\$X	\$X	\$X
Objective #3	Metric #3	PY	\$X	\$X	\$X	\$X	\$X
		Est.	\$X	\$X	\$X	\$X	\$X
		Act.	\$X	\$X	\$X	\$X	\$X
Objective #4	Metric #4	ΡY	X%	Χ%	Χ%	X%	Х%
		Est.	X%	Χ%	Χ%	X%	Х%
		Act.	Х%	Χ%	Χ%	Х%	Х%
Objective #5	Metric #5	PY	X%	Χ%	X%	X%	Х%
		Est.	X%	Χ%	Χ%	X%	Х%
		Act.	Χ%	X%	Χ%	Х%	Х%

- Track performance of all objectives and metrics focused on 10 key metrics:
 - Safety
 - Customer experience, fulfillment
 - Revenue growth
 - Productivity
 - Operating income
 - Working capital efficiency
 - Capex
 - Accelerating impact on ESG
 - Free cash flow
- Reviewed systematically and often: Daily, weekly, monthly and quarterly with datadriven operating mechanisms
- Embrace "reds" to focus on root cause analysis and drive improvement



Leveraging daily management to accelerate price in 2021 to offset significant raw material and logistics inflation

Objective	Metric		Q1	Q2	Q3	Q4
Execute pricing actions to offset raw material and logistics headwinds	Net Price / raw material and logistics \$ Impact	2020	+	+	+	+
		2021E	flat	flat	flat	flat
		2021 Act.	-	-	-	

- Identified trends in early 2021 signaling significant raw material and logistics headwinds
- Recognized that planned price would not offset raw material and logistics headwinds
- Executed pricing actions across all Business Groups
- Drove actions in Sourcing to minimize raw material and logistics risks (e.g., dual sourcing efforts and claw back actions for commodity feedstocks)
- Delivered positive net price / raw material and logistics in Q4 2021

Driving team engagement to enhance governance and operating rhythm enhancement:

- Business Group led to drive consistency across products and regions
- Establishing pricing control towers in each Business Group to improve governance
- Reducing cycle time to implement price changes
- Improving global alignment & standardized timing of price actions

Enhancing reporting tools, data & workflow to improve:

- Modeling of price realization
- Reporting on price changes & deviated pricing
- Elasticity analysis
- Visibility & modeling of inflationary pressures



Driving profitable growth



Growth above macro

Protect the core and invest in the future

Margin expansion

Operating leverage powered by data & data analytics

3

2

Strong cash flows

Strong balance sheet

- Providing customer solutions
- Investing in key market trends
- Investing in key growth portfolios
- Differentiated investing by business based on "right to win"
- Volume
- Factory yield and efficiency
- Strategic sourcing
- Lean operations: nimble and agile structure
- Prioritized funding despite legal headwinds
- Proactive restructuring
- Proactive inventory management
- Demand planning; "pull" vs. "push"
- Daily focus on collections; billing efficiency
- Terms expansion with vendors



Growth above macro

Creating differentiated value in attractive segments with market growth ranging from GDP+ to mid-teens



Safety & Industrial

- Personal safety
- Connected bodyshop
- Grid modernization
- Robotics and automation



Health Care

- Wound care
- Healthcare IT
- Biopharma filtration



Transportation & Electronics

- Automotive/mobility
- Electronic materials
- Semiconductor
- Graphic and architectural films



Consumer

- Home improvement
- Consumer safety & well-being
- Package protection & shipping
- Appearance auto care



Margin expansion

Targeting 30% to 40% operating leverage



Volume

Add

Factory efficiency/strategic sourcing

Add

Lean operations (SG&A)

Less

Investing in growth, productivity & sustainability

Less

Legal/other headwinds





Margin expansion

Improving margins via portfolio & value stream simplification



Accelerating growth in graphics through portfolio optimization

Challenge

Difficulties meeting demand in vehicle personalization & commercial fleet due to pandemic-related logistics & supply chain constraints

Solution

- Optimized Graphics portfolio and improved long-term supply chain health in Nevada, MO site (primary source of supply)
- Leveraged Integrated Business Planning (IBP)
- Qualified dual/alternate material sources
- Discontinued low performing SKUs
- Drove faster production wheel through prioritization & continuous improvement

Results



Top-line growth



Car wrap output





SKUs reduced



Simplifying value streams for Consumer product displays

Challenge

Over ~95% of Consumer product displays at key accounts were customized, resulting in long & complex value streams

Solution

- Mapped current state of value stream to identify improvements
- Drove standardization to reduce customization while still meeting key account requirements
- Utilized common system for consistency and to drive increased governance across divisions
- Implemented workflow automation
- Significantly streamlined set-ups

Results



Gross margin benefit



†~40%



,

Reduced portfolio complexity

Faster display delivery Reduction in set-up time





Strong cashflows



Focus on working capital rigor

Adjusted free cash flow SBillions



- Driving inventory improvements through Integrated Business Planning & ERP-enabled automated Supply Network Planning
- Gaining traction on **vendor payment terms** initiative
- Continuing to improve accounts receivable by optimizing customer payment terms and billing efficiency

Refer to appendix to "Welcome" presentation for the definition and calculation of adjusted free cash flow and adjusted free cash flow conversion



Strong balance sheet is a strategic asset

\$12.6

2021



2019

- Net debt reduction driven by strong cash flow
- Proactive early debt redemption
- **Reliable market access** and lower borrowing costs through economic cycles
- Staggered debt maturity schedule with **no significant liquidity call** on capital in any year
- Maintaining **strong capital structure** while preserving capital allocation flexibility

Refer to appendix to "Welcome" presentation for the definition and calculation of net debt

2020



Balanced capital allocation plan







Portfolio management

Top priorities

1. Strong market: Right to win

Organic investment examples:









Air quality

Personal safety Au electrif

+

Auto Biopharma electrification filtration

Inorganic examples:





Acelity

M*Modal

2. Strong market: Better owner of asset



Food safety

3. Weaker market: Limited right to win







Floor solutions

Drug delivery

Ballistic protection

4. Emerging market trends

3M R&D Team + 3M Ventures





Prioritizing deployment to drive growth

Organic investments

~\$4B 2022 Capex/R&D

Growth

Sustainability

Renewal

Deployment properties

Market trends

• Investing in **key market trends**: Biopharma Filtration, Auto Electrification, Semiconductor, Wound Care, Home Improvement, and more

ESG

- Delivering on ESG commitments and focusing on customer sustainability goals and infrastructure needs
- Investing \$1 billion over 20 years to accelerate air and water stewardship

Digital

- Deployment of **disruptive technologies and digitizing supply chain** for improved insights and performance
- Enterprise Resource Planning deployment expected completion by end of 2024





Organic capital allocation



5

Growth capital

Prioritizing investments in key growth vectors across all Business Groups

Increasing converting capacity for Zeta PlusTM Encapsulated Filter Capsules in biopharma filtration at the Columbia (MO) site to increase throughput 2X in order to meet anticipated double-digit demand increases

ESG investments

Advancing water stewardship, carbon emission goals and EHS compliance

Investing in projects to reduce water usage, install purification technology at largest water-using locations and return higher quality water to the environment after usage

Funding prioritized manufacturing process and infrastructure needs

Renewal capital

Renew and upgrade equipment supporting Coban[™] medical products in Brookings (SD) site to increase capacity and automate packaging



Shareholder returns



Returned ~\$14B to shareholders since 2019









Powered by data & analytics

Digital Customer

Growing our presence globally in digital marketplaces.

Strengthening our connection to customers with digitally enabled content and a pathway to purchase.

Digital Product

Integrating digital technologies into our products and services to create new solutions, platforms and offerings.

Leveraging **digital science with** our **world class material science** to address the world's greatest challenges.

Digital Operations

Driving **improved yields**, efficiency, and quality through **connected factories**, analytics and machine learning.

Continued **automation and optimization** of our supply chain through robotic automation and analytics.

Digital Enterprise

Transforming our enterprise in the cloud to horizontally connect the organization, driving new insights and opportunities in both front and back-office processes.

Digital Thread

Continuing to invest in **next** generation cybersecurity capabilities to protect our company and assets.





Digital at 3M



Omnichannel commerce

Challenge:

Deliver a seamless, integrated experience for our customers online and in person

Solution:

Accelerate digital commerce growth 20% while lowering cost to serve 60% through expanded digital content, automation and integration providing accurate, real-time product info, price and availability



Oral Care reimagined

Challenge:

Improve the complicated, manual composite restoration process and improve patient experiences

Solution:

3M FiltekTM Matrix is a first to market custom 3-step digital workflow and restorative

solution for the dentist to perform composite restorations. 3M Filtek[™] Matrix brings together our leading material science with digital science to transform patient smiles



Connected manufacturing

Challenge:

Customer demand for N95 Respirator production required transformational efficiency gains to support front-line healthcare worker requirements

Solution:

Deployed a **digital twin** of the respirator production line enabling a 15% increase in production



2022 outlook



Outlook

Macro backdrop

Near-term

Strong macro environment Supply chain constraints

Semiconductor shortage

Raw materials & logistics pressure

Longer-term

Strong endmarkets Declining COVID impacts

Supply chain improvement

Channel inventory normalization

Increased attention to ESG



Organic growth outlook by Business Group

Total company organic sales growth outlook of 2% to 5%; includes $\sim(2\%)$ impact from disposable respirator decline



Safety & Industrial Flat to low-single digit organic growth



Transportation & Electronics Low to high-single digit organic growth

Health Care Mid-single digit organic growth

Organic sales growth contributors:

- Targeting growth above macro despite fluid and uneven external macro environment
- Most key end-markets projected to be strong
- Accelerating decline in disposable respirator demand impacting overall company organic growth by \sim (2%)
- Continued strong semiconductor demand, however, supply chain constraints persist; industry forecast: auto HSD; electronics MSD
- Healthcare elective procedure volumes to pre-pandemic levels by Q4 2022; oral care procedures near pre-pandemic levels
- Continued strength in home improvement; improving office and stationery demand



Consumer Low to mid-single digit organic growth



2022 planning estimates

Organic sales growth
2% to 5%Earnings per share
\$10.15 to \$10.65Free cash flow conversion
90% to 100%

Key assumptions:

- IPI & GDP: ~4%; expecting continued strong end-market demand trends
- Forecasted decline in COVID-related respirator demand impacting organic sales by ~(2%), margins by ~(70) bps and EPS by ~(\$0.45)
- FX impact on reported sales: ~(1%) headwind
- Raw material/logistics: estimated headwind of \$350M to \$450M year-on-year
- Non-op: neutral (pension/OPEB headwind offset by lower net interest)
- Tax rate: 18.5% to 19.5%
- Capex: \$1.7B to \$2.0B

Strategic messages:

- Continue to drive sequential improvement in operating performance throughout 2022
- End-markets expected to be strong; improving healthcare elective procedure volumes, and growth in automotive and electronics as semiconductor chips supply progresses
- Global supply chain challenges expected to remain at least through 1H 2022
- Selling price expected to offset raw material/logistics inflation
- Driving operating leverage of ~30% through daily management and operating rigor while investing in growth, productivity and sustainability and offsetting legal-related matters
- Strong free cash flow conversion as we continue progress on driving working capital conversion intensity, partially offset by higher capex, U.S. taxes due to legislative change requiring capitalization of R&D expenses and higher cash compensation
- Maintaining strong capital structure and financial flexibility

Note: Above guidance does not reflect the impact of pending divestiture of Food Safety business via Reverse Morris Trust (RMT) transaction with NEOGEN Refer to appendix to "Welcome" presentation for the definition and calculation of free cash flow conversion



Q1 2022 key assumptions



- Global end-market demand remains fluid but strong
- Healthcare elective procedure volumes expected to remain stable with recent trends; global auto builds forecasted to decline ~(2%) year-on-year and sequentially
- Lower pandemic-related disposable respiratory demand of \$100M to \$150M year-on-year
- Continued progress on driving yield and efficiency in the factories, operating rigor while investing in growth, productivity and sustainability and managing legal-related matters
- Challenging year-on-year comparisons:
 - o 8% revenue growth in Q1 2021 with broad based growth across all businesses
 - Expecting continued strong price performance; raw material/logistics headwind of \$200M to \$250M year-on-year
 - o Global supply chain challenges expected at least through 1H 2022
 - Expecting Q1 pre-tax restructuring charge of \$20M to \$40M, completing the program announced in December 2020
 - o Forecasting quarterly tax rate of 18.5% to 19.5% vs. 16.4% in Q1 2021
- Free cash flow conversion impacted by higher cash compensation payments along with an expected increase in capex for growth and sustainability investments



The Power of 3M

Focused on long term growth trajectory

- Growing faster than the markets and economies we serve
- Expanding margins and EPS through operating rigor, productivity, and price
- Delivering robust cash flow through supply chain recovery and improvements in working capital
- Investing capital in high growth, high return portfolios that utilize our fundamental strengths
- Advancing sustainability commitments to reduce GHG emissions and improve water quality
- Maintaining a strong balance sheet, providing flexibility for M&A and shareholder returns



