In this presentation, statements that are not reported financial results or other historical information are “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements give current expectations or forecasts of future events and are not guarantees of future performance. They are based on management’s expectations that involve a number of business risks and uncertainties, any of which could cause actual results to differ materially from those expressed in or implied by the forward-looking statements. They use words such as “will,” “anticipate,” “estimate,” “expect,” “project,” “intend,” “plan,” “believe,” and other words and terms of similar meaning in connection with any discussion of future operating or financial performance and/or sales.

Factors that could cause actual results to differ materially from those implied by these forward-looking statements include, but are not limited to:

- Our ability to identify and evaluate acquisition targets and consummate acquisitions;
- The ability to successfully integrate acquired companies into our operations, retain the management teams of acquired companies, retain relationships with customers of acquired companies, and achieve the expected results of such acquisitions, including whether such businesses will be accretive to our earnings;
- Disruptions, uncertainty or volatility in the credit markets that could adversely impact the availability of credit already arranged and the availability and cost of credit in the future;
- Our ability to achieve new business gains;
- The effect on foreign operations of currency fluctuations, tariffs and other political, economic and regulatory risks;
- Changes in polymer consumption growth rates and laws and regulations regarding the disposal of plastic in jurisdictions where we conduct business;
- Changes in global industry capacity or in the rate at which anticipated changes in industry capacity come online;
- Fluctuations in raw material prices, quality and supply and in energy prices and supply; production outages or material costs associated with scheduled or unscheduled maintenance programs;
- Unanticipated developments that could occur with respect to contingencies such as litigation and environmental matters;
- An inability to achieve or delays in achieving or achievement of less than the anticipated financial benefit from initiatives related to working capital reductions, cost reductions and employee productivity goals;
- Information systems failures and cyber attacks;
- Our ability to continue to pay regular cash dividends and the amounts and timing of any future dividends; and
- Other factors affecting our business beyond our control, including, without limitation, changes in the general economy, changes in interest rates and changes in the rate of inflation.

The above list of factors is not exhaustive.

We undertake no obligation to publicly update forward-looking statements, whether as a result of new information, future events or otherwise. You are advised to consult any further disclosures we make on related subjects in our reports on Form 10-Q, 8-K and 10-K that we provide to the Securities and Exchange Commission.
Use of Non-GAAP Measures

- This presentation includes the use of both GAAP (generally accepted accounting principles) and non-GAAP financial measures. The non-GAAP financial measures include: adjusted EPS, Specialty platform operating income percentage, adjusted operating income, and return on invested capital.

- PolyOne’s chief operating decision maker uses these financial measures to monitor and evaluate the ongoing performance of the Company and each business segment and to allocate resources. In addition, operating income before special items and adjusted EPS are components of various PolyOne annual and long-term employee incentive plans.

- A reconciliation of each non-GAAP financial measure with the most directly comparable GAAP financial measure is attached to this presentation which is posted on our website at www.polyone.com.

- All DSS results are now reported under discontinued operations.
Driving customer value

What We Do

Specialty products & services

INPUTS

- Base resins
- Additives
- Modifiers
- Pigments

FORMULATION EXPERTISE

Expertise in Polymer Materials, Services and Solutions

SERVICE

- InVisiO℠ Color Services
- IQ Design Labs
- LSS Customer First

VALUE

- OEMs
- Brand Owners
- Processers
- Assemblers

What We Do

Driving customer value

Specialty products & services

INPUTS

- Base resins
- Additives
- Modifiers
- Pigments

FORMULATION EXPERTISE

Expertise in Polymer Materials, Services and Solutions

SERVICE

- InVisiO℠ Color Services
- IQ Design Labs
- LSS Customer First

VALUE

- OEMs
- Brand Owners
- Processers
- Assemblers
PolyOne At a Glance

2016 Revenue by Segment
- Specialty Engineered Materials 18%
- PolyOne Distribution 34%
- Color Additives and Inks 26%
- Performance Products & Solutions 22%

2016 Revenue by Geography
- United States 60%
- Europe 15%
- Canada 7%
- Asia 10%
- Latin America 9%

Adjusted Earnings per Share
- 2009: $0.13
- 2010: $0.68
- 2011: $0.82
- 2012: $1.00
- 2013: $1.31
- 2014: $1.80
- 2015: $1.96
- 2016*: $2.06

*Recast for DSS in discontinued operations
Mix Shift Highlights Specialty Transformation

*Operating Income excludes corporate charges and special items

**LTM 3Q 2017
Driving Growth

- Refreshed training curriculum for sales force
- Upgraded capabilities to generate and capture new business leads
- Expanded R&D resources to focus on key platforms

**Commercial Resource Additions**

<table>
<thead>
<tr>
<th>Year</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increase</td>
<td>+19%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sales Opportunity Funnel (in billions)**

<table>
<thead>
<tr>
<th>Year</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increase</td>
<td>+56%</td>
<td></td>
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</table>

**Total Sales Calls**

<table>
<thead>
<tr>
<th>Year</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increase</td>
<td>+28%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Sales, Marketing & Technology headcount*
### Proof of Performance & 2020 Platinum Vision

<table>
<thead>
<tr>
<th></th>
<th>2006 “Where we were”</th>
<th>YTD 2017 “Where we are”</th>
<th>2020 Platinum Vision</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ROIC</strong></td>
<td>5.0%</td>
<td>13.8%</td>
<td>15%</td>
</tr>
<tr>
<td>Operating Income % of Sales</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color, Additives &amp; Inks</td>
<td>1.7%</td>
<td>16.4%</td>
<td>20%+</td>
</tr>
<tr>
<td>Specialty Engineered Materials</td>
<td>1.1%</td>
<td>13.1%</td>
<td>20%+</td>
</tr>
<tr>
<td>Performance Products &amp; Solutions</td>
<td>5.5%</td>
<td>11.4%</td>
<td>12 - 14%</td>
</tr>
<tr>
<td>Distribution</td>
<td>2.6%</td>
<td>6.6%</td>
<td>6.5 – 7.5%</td>
</tr>
</tbody>
</table>

*Consistently Deliver Double Digit Annual EPS Growth*

*ROIC is defined as TTM adjusted OI after tax divided by the sum of average debt and equity less cash over a 5 quarter period*
Free Cash Flow and Improving Returns

**Free Cash Flow** *(in millions)*

- 2012: $50
- 2014: $116
- 2016: $137
- 2017: $200+

**ROIC***

- 2012: 10.8%
- 2014: 11.3%
- 2016: 12.9%
- 3Q 2017: 13.8%
- 2020: 15.0%

*ROIC is defined as TTM adjusted OI after tax divided by the sum of average debt and equity less cash over a 5 quarter period.*
7 Consecutive Years of Increased Dividends

- Announced 30% increase to dividend in October 2017, reflecting strong and sustainable cash flow as well as confidence in future earnings growth.
- Expect to increase annual dividend 60% or more cumulatively over next three years.

Annual Dividend

- 2011: $0.16
- 2012: $0.20
- 2013: $0.24
- 2014: $0.32
- 2015: $0.40
- 2016: $0.48
- 2017: $0.54
- 2018: $0.70
- 2019: $0.70
- 2020: $0.70

3-Year Dividend Plan
Returning Cash to Shareholders

Since 2011, we have returned over $950 million to shareholders:

- $192 million returned through dividends
- $767 million returned through share repurchases
- Have repurchased 20.8 million shares since early 2013
Expanding our sales, marketing, and technical capabilities
- Investing in operational and LSS initiatives
- ~60 - 70% of capital expenditures fund growth initiatives

Organic Growth

Share Repurchases

Targets that expand our:
- Specialty offerings
- End market presence
- Geographic breadth
- Growth synergies
- Adjacent material solutions

Acquisitions

Dividends

- Repurchased 2.0 million shares YTD 2017
- Repurchased 20.8 million shares since early 2013
- 6.5 million shares are available for repurchase under the current authorization

- Increased annual dividend by 30% to $0.70 per share, representing the seventh consecutive year of dividend growth
Innovation Drives Earnings Growth

*Specialty Platform revenue from products introduced in last five years

Total Specialty Addressable Market of over $2.6 Billion

Research & Development Spending

<table>
<thead>
<tr>
<th>Year</th>
<th>Phase 1</th>
<th>Phase 2</th>
<th>Phase 3</th>
<th>Phase 4</th>
<th>Phase 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>$20</td>
<td>$54</td>
<td>$54</td>
<td>$54</td>
<td>$54</td>
<td>$54</td>
</tr>
</tbody>
</table>

Vitality Index Progression*

<table>
<thead>
<tr>
<th>Year</th>
<th>Phase 1</th>
<th>Phase 2</th>
<th>Phase 3</th>
<th>Phase 4</th>
<th>Phase 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>12%</td>
<td>12%</td>
<td>12%</td>
<td>12%</td>
<td>12%</td>
</tr>
<tr>
<td>2016</td>
<td>42%</td>
<td>42%</td>
<td>42%</td>
<td>42%</td>
<td>42%</td>
</tr>
</tbody>
</table>

Target ≥ 35%

Innovation Pipeline Potential

- **Phase 1**: Frame Opportunity
  - 12 Projects
  - $500 Million

- **Phase 2**: Build Business Case
  - 10 Projects

- **Phase 3**: Prototype
  - 21 Projects

- **Phase 4**: Scale-up & Test Market
  - 19 Projects
  - $1.4 Billion

- **Phase 5**: Commercial Launch
  - 10 Projects
  - $700 Million

*Specialty Platform revenue from products introduced in last five years
### Key Innovation Growth Drivers

| Composites                  | Polymer formulation and process engineering create a pipeline for next generation materials  
|                            | Drive to replace aluminum and steel with plastics without compromising on strength |
| Barrier Additive Technology | Drive to prevent oxygen, light and UV rays from affecting contents in PET packaging, extending shelf life  
|                            | $200m addressable market |
| Fiber Colorants             | 60% of world fiber consumption is synthetic, need to simplify manufacturing and eliminate waste  
|                            | $300m addressable market |
| Flame Retardant Polymers    | Increasing regulatory drive for halogen replacements  
|                            | $400m addressable market |
Providing LSS services to small/medium sized customers

- 54% of associates trained in LSS, with over 125 active black belts
- Have trained over 30 customers in LSS methodology

Providing training in Customer Centric Selling Skills with customers

Providing Industrial design and color services to small/medium sized customers

On time delivery above 95%
Why Invest In PolyOne?

- **Addressable market exceeds $40 billion**
- **Strong performance demonstrates that our strategy and execution are working**
- **Megatrends and emerging opportunities align with strengths**
- **Innovation and services provide differentiation, incremental pricing power and competitive advantage**
- **Strategic reinvestment for growth while returning cash to shareholders**
- **Strong and proven management team driving growth and performance**
Segment Highlights
Color, Additives & Inks

At a Glance

2016 Revenue: $0.8 Billion

- Europe 33%
- United States 45%
- Asia 15%
- Latin America 5%
- Canada 2%

Operating Income % of Sales

- 2006: 1.7%
- 2007: 4.6%
- 2008: 5.1%
- 2009: 5.5%
- 2010: 7.2%
- 2011: 8.1%
- 2012: 9.7%
- 2013: 12.2%
- 2014: 14.7%
- 2015: 16.0%
- 2016: 16.4%
- YTD 2017: 16.0%
- 2020 Vision: 20%+

Key End Markets (% of revenue)

- Packaging (30%)
- Industrial (15%)
- Wire & Cable (10%)
- Textiles (9%)
- Transportation (9%)
Specialty Engineered Materials

At a Glance

2016 Revenue: $0.6 Billion

- United States 51%
- Europe 27%
- Asia 20%
- Canada 2%

Key End Markets (% of revenue)

- Consumer (19%)
- Transportation (19%)
- Electrical & Electronics (15%)
- Wire & Cable (15%)
- Healthcare (11%)

Operating Income % of Sales

- 2006: 1.1%
- 2007: 1.3%
- 2008: 3.4%
- 2009: 5.1%
- 2010: 9.6%
- 2011: 8.0%
- 2012: 8.6%
- 2013: 9.3%
- 2014: 12.1%
- 2015: 14.7%
- 2016: 14.3%
- YTD 2017: 13.1%
- 2020 Vision: 20%+
At a Glance

**Performance Products & Solutions**

2016 Revenue: $0.7 Billion

- **United States**: 78%
- **Canada**: 16%
- **Latin America**: 4%
- **Asia**: 2%

<table>
<thead>
<tr>
<th>Year</th>
<th>Operating Income % of Sales</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>5.5%</td>
</tr>
<tr>
<td>2007</td>
<td>6.9%</td>
</tr>
<tr>
<td>2008</td>
<td>3.8%</td>
</tr>
<tr>
<td>2009</td>
<td>3.6%</td>
</tr>
<tr>
<td>2010</td>
<td>5.5%</td>
</tr>
<tr>
<td>2011</td>
<td>4.3%</td>
</tr>
<tr>
<td>2012</td>
<td>6.3%</td>
</tr>
<tr>
<td>2013</td>
<td>7.2%</td>
</tr>
<tr>
<td>2014</td>
<td>7.7%</td>
</tr>
<tr>
<td>2015</td>
<td>8.3%</td>
</tr>
<tr>
<td>2016</td>
<td>11.1%</td>
</tr>
<tr>
<td>YTD 2017</td>
<td>11.4%</td>
</tr>
<tr>
<td>2020</td>
<td>12-14%</td>
</tr>
</tbody>
</table>

**Key End Markets** (% of revenue)

- **Building & Construction**: (30%)
- **Transportation**: (18%)
- **Wire & Cable**: (16%)
- **Industrial**: (16%)
At a Glance

Distribution

2016 Revenue: $1.1 Billion

- Industrial 18%
- Consumer 15%
- Healthcare 22%
- Transportation 24%
- Appliance 6%
- E & E 5%
- B & C 4%
- Packaging 4%
- W & C 2%

Key Suppliers

ROIC

*After-Tax ROIC

Operating Income % of Sales


2.6% 3.0% 3.5% 4.0% 4.6% 5.6% 6.4% 5.9% 6.1% 6.6% 6.4% 6.6% 6.5% - 7.5%
Target End Markets & Application Examples
Target End Markets… Healthcare

- Elastomeric Grips and Handles
- Structural Composites
- Chemical Resistant Technologies
- Thermally Conductive Technologies
- Polymer Colorants
- Antimicrobial Technologies
- Anti-Counterfeiting Technologies
Target End Markets… Automotive

Under-hood Components

Interior Structural Components

Sound & Vibration Management

Roof Systems

Air Management

Electronics and Cameras

Lighting

Fluid Handling

Interior Trim

Exterior Trim

Braces & Brackets

Fasteners

Seals & Flaps
Target End Markets… Packaging

- UV Light Barrier Technologies
- Cap & Closure Colorants
- Laser Marking Additives
- Oxygen Scavenger Technologies
- Antistatic Technologies
- Process Optimization Technologies
- Antioxidant Technologies
- Density Modified Technologies
Target End Markets… Consumer

- Structural Composite Components
- Elastomeric Grips and Handles
- Thermally Conductive Components
- Polymer Colorants
Gravitech™ Density Modified Polymers

Luxury Packaging

- Impart weight, sound and metallic finish to caps and closures for cosmetics and spirits applications

- Elevate quality and prestige perceptions among high-end consumers

- Eliminate time and cost associated with secondary operations and assembly
OnColor™ Super Concentrates

Optimize Color Usage

- Eliminate costs by increasing pigment density
- Enhance color performance without altering form and formulation
- Increasing design capabilities by reducing weight and layer thickness
WithStand™ Antimicrobial Technology

Combat Bacteria Formation

- Inhibit microbial growth on polymer surfaces
- Enhance value or products and devices
- Highly versatile concentrate with the ability to be incorporated into a wide variety of products
Chemically Resistant Engineered Polymers

Medical Device Housings

- Durable, long-lasting products stand up to the most aggressive disinfectants
- Minimize environmental stress cracking and discoloration
- One of the broadest medically approved polymer and colorant portfolios
Color & Design Services

- Greater control of color development and supply chain
- Work across entire design process from concept to commercialization
- Inspire creativity in the use of polymer materials, colors, and effects
- Innovative brand differentiation
- Faster development timelines
Outdoor Applications

- Leading provider of high performance specialty materials for the recreational and sports & leisure industry
- Well positioned across all segments to address market needs
  - ✓ Metal to Polymer Conversion
  - ✓ Lightweighting
  - ✓ Thermal Management
  - ✓ Impact Performance
Fiber Colorants

- **ColorMatrix Fiber Colorant Solutions**
  - Proprietary advanced liquid color formulations and equipment enable greater efficiency and productivity
  - Eliminates aqueous dyeing and its associated wastewater treatment

- **Solid Color Concentrates**
  - Extrusion-spun fibers colored via solid masterbatch
Resilience™ Vinyl Solutions

Smart Home Devices

- High flame retardancy to meet strict UL standards
- Greater processing and design flexibility
- Specialized additives provide long term color stability
- Diffusive lens materials improve light dispersion
Reconciliation of Non-GAAP Financial Measures (Unaudited)
(Dollars in millions, except per share data)

Senior management uses comparisons of adjusted net income from continuing operations attributable to PolyOne common shareholders, adjusted earnings per share (EPS) attributable to PolyOne common shareholders and adjusted earnings before interest, taxes, depreciation and amortization (EBITDA) to assess performance and allocate resources because senior management believes that these measures are useful in understanding current profitability levels and that current levels may serve as a base for future performance. Senior management believes these measures are useful to investors because they allow for comparison to PolyOne's performance in prior periods without the effect of items that, by their nature, tend to obscure PolyOne's operating results due to the potential variability across periods based on timing, frequency and magnitude. Non-GAAP financial measures have limitations as analytical tools and should not be considered in isolation from, or solely as alternatives to, financial measures prepared in accordance with GAAP. Below is a reconciliation of these non-GAAP financial measures to their most directly comparable financial measures calculated and presented in accordance with GAAP for each fiscal year end.

Adjusted EPS attributable to PolyOne common shareholders is calculated as follows:

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Net income from continuing operations attributable to PolyOne common shareholders</td>
<td>$ 106.7</td>
<td>$ 152.5</td>
<td>$ 153.4</td>
<td>$ 53.3</td>
<td>$ 94.0</td>
<td>$ 78.0</td>
<td>$ 144.6</td>
<td>$ 166.4</td>
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<tr>
<td>Joint venture equity earnings, after tax</td>
<td>(19.0)</td>
<td>(14.7)</td>
<td>(3.7)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Special items, before tax(1)</td>
<td>(48.7)</td>
<td>24.2</td>
<td>(48.1)</td>
<td>55.1</td>
<td>46.3</td>
<td>164.2</td>
<td>87.6</td>
<td>23.8</td>
</tr>
<tr>
<td>Special items, tax adjustments(1)</td>
<td>(27.2)</td>
<td>(96.7)</td>
<td>(24.7)</td>
<td>(18.9)</td>
<td>(13.7)</td>
<td>(73.7)</td>
<td>(58.7)</td>
<td>(15.9)</td>
</tr>
<tr>
<td>Adjusted net income from continuing operations attributable to PolyOne common shareholders</td>
<td>$ 11.8</td>
<td>$ 65.3</td>
<td>$ 76.9</td>
<td>$ 89.5</td>
<td>$ 126.6</td>
<td>$ 168.5</td>
<td>$ 173.5</td>
<td>$ 174.3</td>
</tr>
<tr>
<td>Diluted shares</td>
<td>93.4</td>
<td>96.0</td>
<td>94.3</td>
<td>89.8</td>
<td>96.5</td>
<td>93.5</td>
<td>88.7</td>
<td>84.6</td>
</tr>
<tr>
<td>Adjusted EPS attributable to PolyOne common shareholders</td>
<td>$ 0.13</td>
<td>$ 0.68</td>
<td>$ 0.82</td>
<td>$ 1.00</td>
<td>$ 1.31</td>
<td>$ 1.80</td>
<td>$ 1.96</td>
<td>$ 2.06</td>
</tr>
</tbody>
</table>

* Historical results are shown as presented in prior filings and have not been updated to reflect subsequent changes in accounting principle, discontinued operations or the related resegmentation.

(1) Special items include charges related to specific strategic initiatives or financial restructuring such as: consolidation of operations; debt extinguishment costs; costs incurred directly in relation to acquisitions or divestitures; employee separation costs resulting from personnel reduction programs, plant realignment costs, executive separation agreements; asset impairments; mark-to-market adjustments associated with actuarial gains and losses on pension and other post-retirement benefit plans; environmental remediation costs, fines, penalties and related insurance recoveries related to facilities no longer owned or closed in prior years; gains and losses on the divestiture of operating businesses, joint ventures and equity investments; gains and losses on facility or property sales or disposals; results of litigation, fines or penalties, where such litigation (or action relating to the fines or penalties) arose prior to the commencement of the performance period; one-time, non-recurring items; the effect of changes in accounting principles or other such laws or provisions affecting reported results and tax adjustments. Tax adjustments include the net tax expense/benefit from one-time income tax items, the set-up or reversal of uncertain tax position reserves and deferred income tax valuation allowance adjustments.