
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

FORM 8-K

**CURRENT REPORT
PURSUANT TO SECTIONS 13 OR 15(d)
OF THE SECURITIES EXCHANGE ACT OF 1934**

Date of report (Date of earliest event reported) July 12, 2016

ENTEGRIS, INC.

(Exact name of registrant as Specified in its Charter)

Delaware

(State or Other Jurisdiction of Incorporation or Organization)

001-32598
(Commission File Number)

41-1941551
(I.R.S. Employer Identification No.)

129 Concord Road, Billerica, MA
(Address of principal executive offices)

01821
(Zip Code)

(978) 436-6500
(Registrant's telephone number, including area code)

N/A
(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 7.01. Regulation FD Disclosure.

On July 12, 2016, Entegris, Inc. (the "Company") will host an Analyst Meeting at the W Hotel in San Francisco, CA. A copy of the slides that will be referenced in the Company's presentation is attached hereto as Exhibit 99.1, and is incorporated herein by reference. The slides and an audio replay of the presentation will also be posted on the Company's website.

In accordance with General Instructions B.2 of Form 8-K, the information in this Item 7.01 shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section, nor shall such information be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such a filing. The information set forth herein will not be deemed an admission as to the materiality of any information required to be disclosed solely to satisfy the requirements of Regulation FD.

Item 9.01. Financial Statements and Exhibits.

(d) *Exhibits*

<u>Exhibit No.</u>	<u>Description</u>
99.1	2016 Analyst Meeting Presentation Slides

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

ENTEGRIS, INC.

Dated: July 12, 2016

By /s/ Sue Lee
Name: Sue Lee
Title: Senior Vice President, General Counsel and Secretary

EXHIBIT INDEX

**Exhibit
No.**

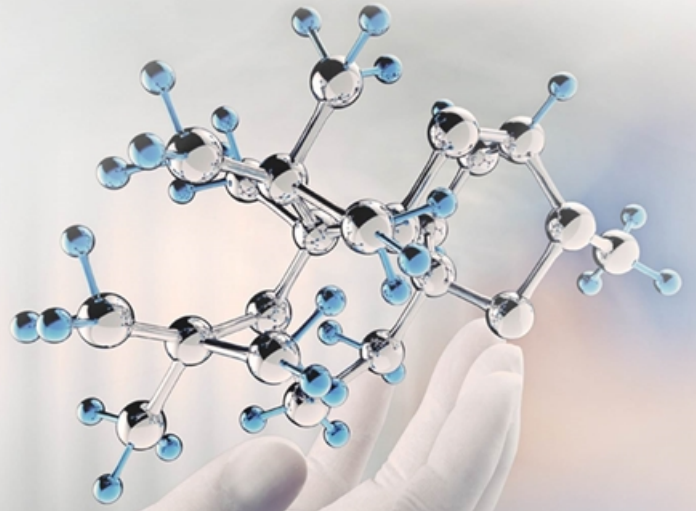
Description

99.1 2016 Analyst Meeting Presentation Slides



JULY 12, 2016

Entegris Analyst Meeting



AGENDA

- | | | |
|----|--|--|
| 01 | Welcome, Agenda, Safe Harbor | Steven Cantor, VP, Corporate Relations |
| 02 | A World Class Specialty Materials Company | Bertrand Loy, President and CEO |
| 03 | Leveraging Technology Breadth To Drive Key Opportunities | James O'Neill, CTO |
| 04 | Strong Financial Discipline To Grow Shareholder Value | Greg Graves, Executive VP and CFO |
| 05 | Q&A | |
| 06 | Meeting Close | |

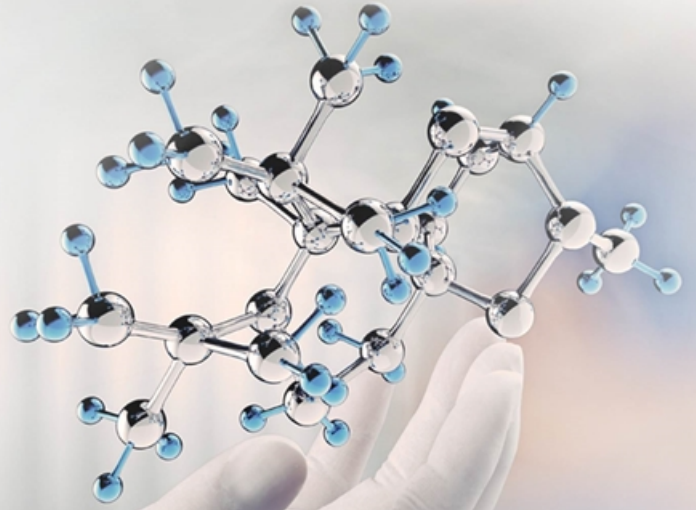
SAFE HARBOR

Certain information contained in this presentation may constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements involve substantial risks and uncertainties that could cause actual results to differ materially from the results expressed in, or implied by, these forward-looking statements. Statements that include such words as “anticipate,” “believe,” “estimate,” “expect,” “forecast,” “may,” “will,” “should” or the negative thereof and similar expressions as they relate to Entegris or our management are intended to identify such forward-looking statements. These statements are not guarantees of future performance and involve risks, uncertainties and assumptions that are difficult to predict. These risks include, but are not limited to, fluctuations in the market price of Entegris’ stock, Entegris’ future operating results, other acquisition and investment opportunities available to Entegris, general business and market conditions and other factors. Additional information concerning these and other risk factors may be found in previous financial press releases issued by Entegris and Entegris’ periodic public filings with the Securities and Exchange Commission, including discussions appearing under the headings “Risks Relating to our Business and Industry,” “Risks Related to Our Indebtedness,” “Manufacturing Risks,” “International Risks” and “Risks Related to Owning Our Common Stock” in Item 1A of our Annual Report on Form 10-K for the fiscal year ended December 31, 2015, filed with the Securities and Exchange Commission on February 29, 2016, as well as other matters and important factors disclosed previously and from time to time in the filings of Entegris with the U.S. Securities and Exchange Commission. Except as required under the federal securities laws and the rules and regulations of the Securities and Exchange Commission, we undertake no obligation to update publicly any forward-looking statements contained herein.

JULY 12, 2016

A World Class Specialty Materials Company

Bertrand Loy
President and CEO



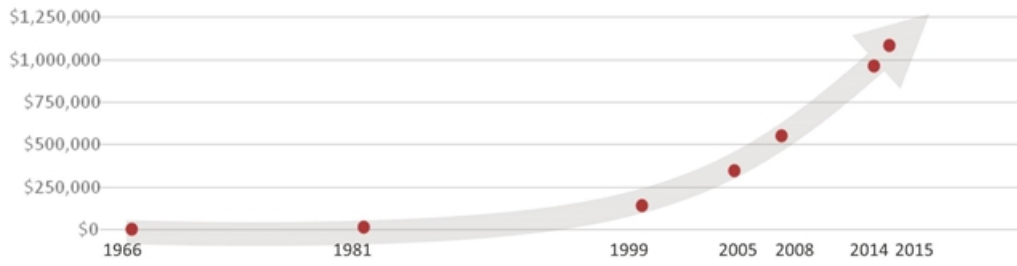


50 YEARS OF PROVIDING MISSION CRITICAL SOLUTIONS

50 Years



Entegris Revenue 1966-2015



Note: Entegris founded as Fluoroware in 1966. Company became Entegris in 2000. All data is as reported.

SUCCESSFULLY TRANSFORMING ENTEGRIS

With the acquisition of ATMI in 2014, Entegris significantly increased its profitability, cash generation, and value creation potential

	Pre-ATMI (LTM 1Q14)		Post-ATMI (LTM 1Q16)
Sales	\$694M	→	\$1,085M
R&D % Sales	8.5%	→	9.8%
Adj. Op. Margin	14.7%	→	16.3%
EPS	\$0.57	→	\$0.84
EBITDA Margin	19.1%	→	21.3%

Note: Adjusted operating margin, EPS, and EBITDA margin are Non-GAAP.

YIELD-ENHANCING MATERIALS SOLUTIONS

Entegris provides yield-enhancing materials and solutions for the most advanced manufacturing environments through a unique combination of technology breadth and market focus that is unmatched in its industry

Advanced Chemicals



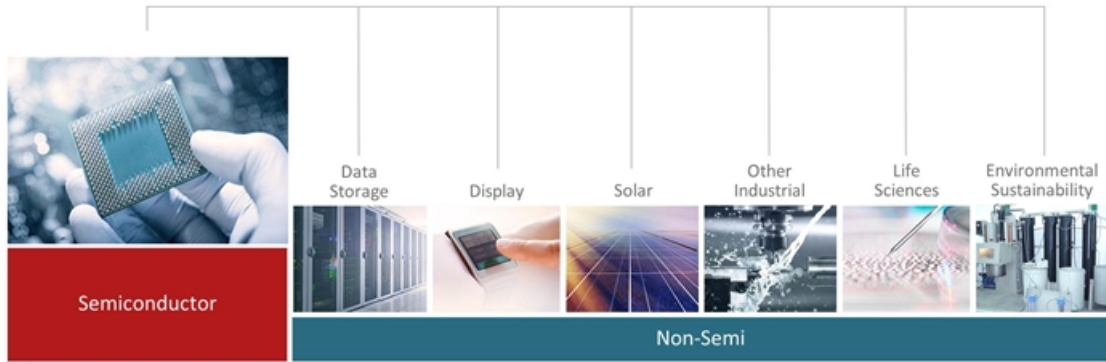
Filtration and Purification



Materials Handling



Selected peers and competitors



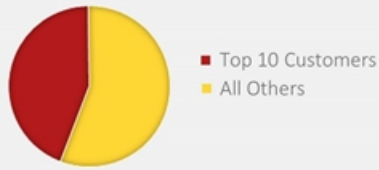
FY2015 sales of \$1.1 billion

HIGH-VALUE BUSINESS MODEL

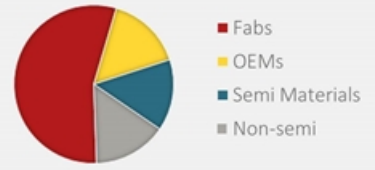
Recurring Revenue Model
2015 Revenue



Diversified Customer Base
2015 Revenue



Unique Customer Segmentation
2015 Revenue



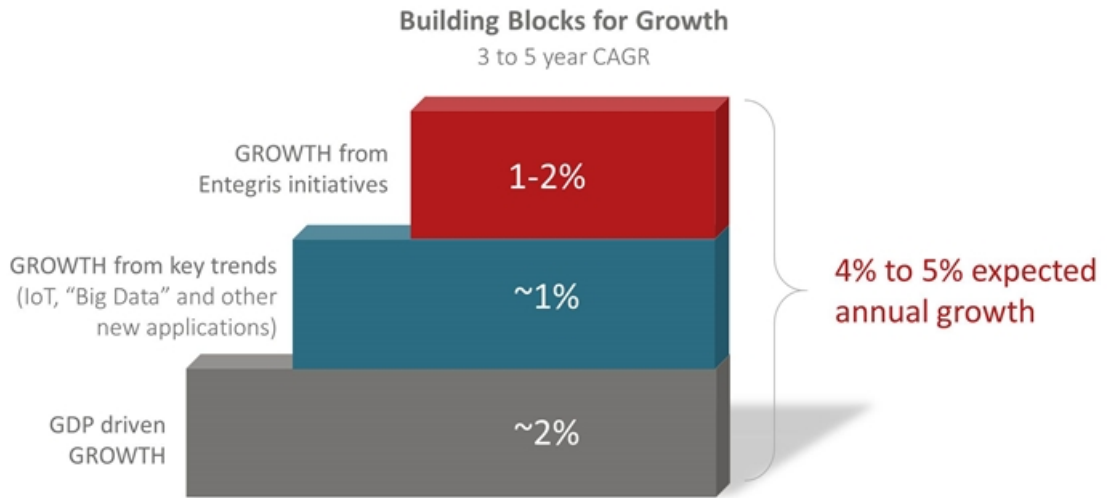
EBITDA Margin¹



¹ Non-GAAP

PATH TO CONTINUE TO OUTPACE MARKETS

Entegris is leveraging its technology breadth, global infrastructure and operational expertise to drive growth



Customer Value Proposition

Enabling higher yields, improved performance, reduced cost of ownership

Technology Portfolio



Global Responsiveness



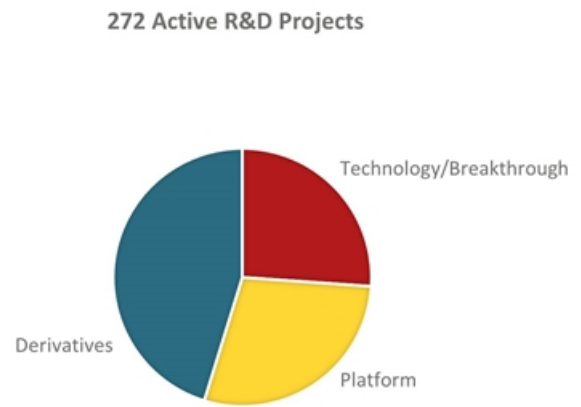
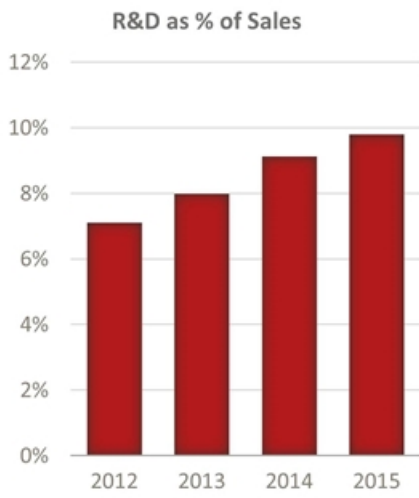
Operational Excellence



Creating value by leveraging best-in-class technology with global infrastructure close to customers and a relentless focus of operational excellence

A ROBUST NEW PRODUCT PIPELINE

Strong discipline around managing R&D spending and project performance tracking



Technology/Breakthrough projects (i.e., new products) represent \$75+ million of potential incremental revenue by 2018

NEW CAPACITY COMING ONLINE TO MEET GROWING DEMAND

Strategic investments in global infrastructure provide competitive advantages

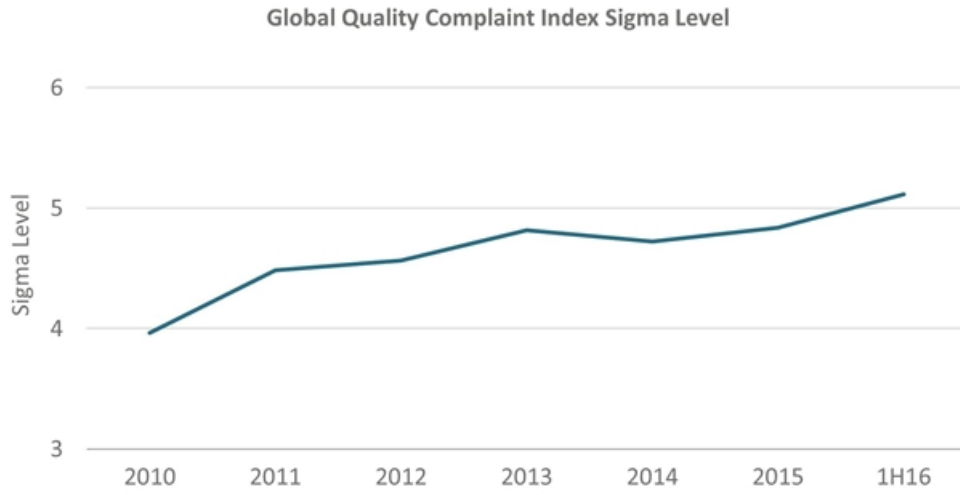
Investing in our:

- Process capability
- Metrology capability
- Technology centers
- Attracting key talent
- Key capacity to meet growing demand

Recent infrastructure investments



ACHIEVING WORLD-CLASS QUALITY



Entegris' quality levels are approaching six sigma best in class

Note: Index reflects numbers of customer complaints

PATH TO CONTINUE TO OUTPACE MARKETS



Building Blocks for Growth

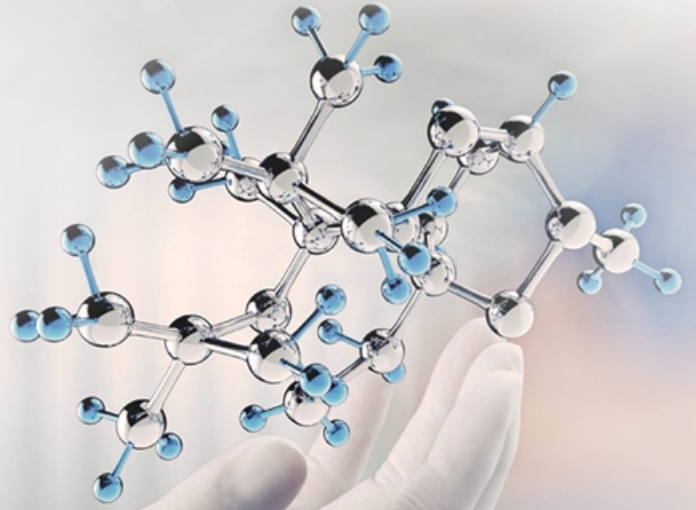


Entegris is leveraging its technology breadth, global infrastructure and operational expertise to drive growth

JULY 12, 2016

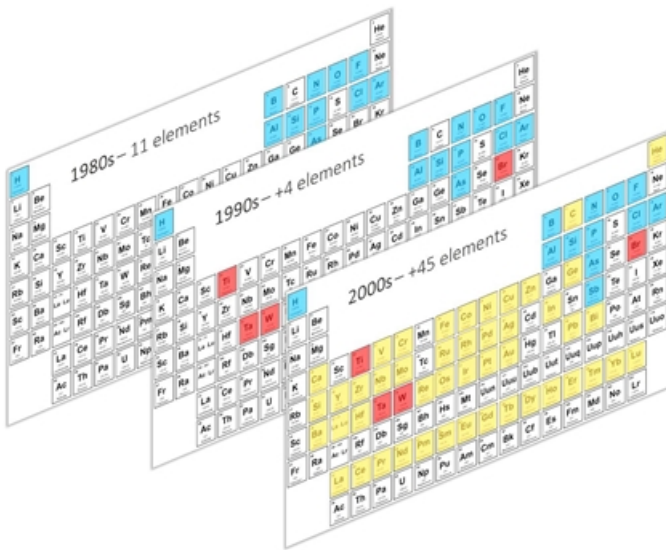
Leveraging Technology Breadth To Drive Key Opportunities

James A. O'Neill, Ph.D.
Chief Technology Officer

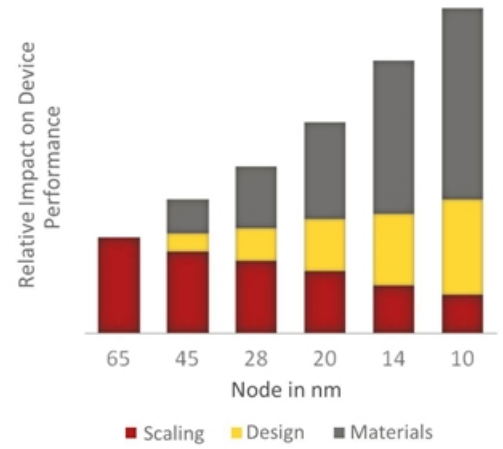


INCREASED IMPORTANCE OF SPECIALTY MATERIALS

Increasing Numbers of Materials are Being Used to Make Semiconductors



Device Performance Drivers
Use of new innovative materials are having a greater impact on device performance



WHY WHAT WE DO MATTERS

Helping to achieve the most demanding levels of purity possible

Next generation semiconductor manufacturing requires purity levels measured in parts per quadrillion (PPQ)

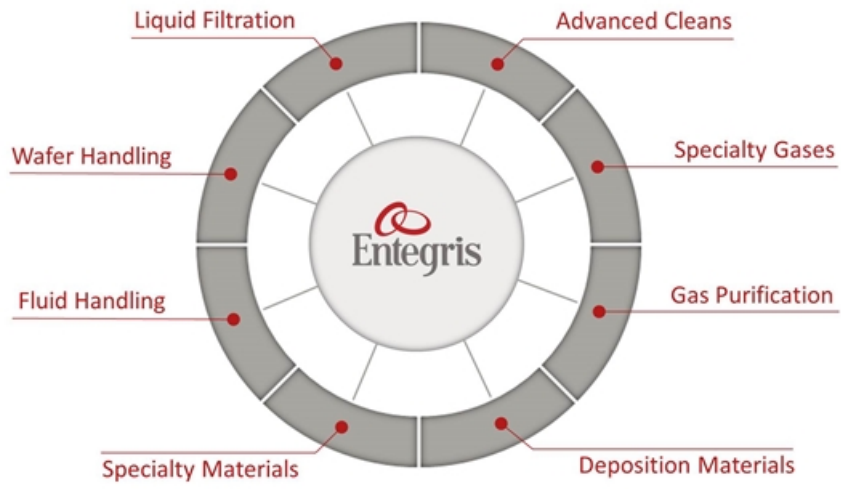
San Francisco bay has
~6.165 billion cubic
meters of water



A PPQ would be equal to finding 1 minnow in the entire San Francisco bay



BROADEST TECHNOLOGY PORTFOLIO IN OUR INDUSTRY



COMPREHENSIVE, COMPLEMENTARY TECHNOLOGIES TO SOLVE COMPLEX YIELD ISSUES




Entegris has a unique combination of technology, deep applications knowledge and critical materials science know-how

Implant	Lithography	Deposition	Dry Etch	Wet Clean	CMP	Fab Facility
Safe Gas Delivery Systems	Advanced Photoresist Packaging	CVD/ALD Precursors	Formulated Cleans	Formulated Cleans	Formulated Cleans	Advanced FOUPs
Electrostatic Chucks	Filtration and Dispense	Copper Plating	Gas Filters and Diffusers	Liquid Filtration	Liquid Filtration	AMC Filtration
Gas Purification	Gas/Liquid Purification	Gas Filtration and Purification	Gas Purification	Fluid Handling and Sensing	Pad Conditioners	Bulk Chemical Delivery
Specialty Gases	Reticle Pods	Fluid Handling and Sensing	CVD Precursors and Specialty Coatings	Containers	Fluid Handling and Sensing	Wafer Shippers

Advanced Chemicals	Filtration and Purification	Materials Handling
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UNMATCHED COMBINATION OF BREADTH OF SOLUTIONS AND INDUSTRY FOCUS

Entegris has the broadest solutions set of specialty chemicals, filtration and materials handling solutions in its markets

Selected Competitors	Liquid Filtration	Advanced Cleans	Deposition Materials	Specialty Gases	Gas Purification	Specialty Materials	Wafer Handling	Fluid Handling
	●	●	●	●	●	●	●	●
	●							
			●	●				
					●			
 		●						
							●	
								●

ENSURING PURITY ACROSS THE SUPPLY CHAIN

Example: Entegris has solutions to achieve purity of photochemicals – from production to consumption



Contamination can occur at multiple points in a chemical's journey to the wafer

KEY OPPORTUNITIES TO EXPAND SHARE AND SERVED MARKET

Entegris has a rich pipeline of development projects

Top 5 Representative Opportunities	Market Share	Next Application	SAM Expansion
Bulk photochemical filtration	●		●
Boron mixtures for implant		●	
Solid precursors for deposition		●	
Specialized coatings for key applications			●
CMP pad conditioners			●

Top growth opportunities represent \$70M in revenue opportunity in 2018

BULK PHOTOCHEMICAL FILTRATION

Higher purity requirements are needed throughout the chemical supply chain

Market/Technology need:

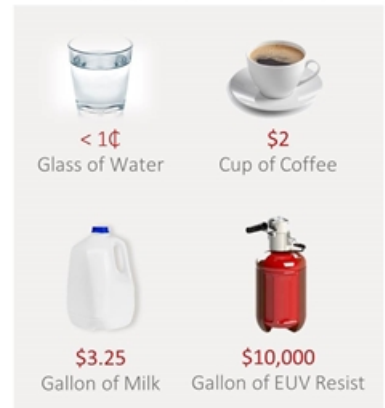
- Sub-14 nm technologies require high-value materials with increased levels of purity
- Maintaining material integrity throughout the supply steam is an increasing challenge

Entegris solution:

- New generation of advanced UPE filters for high-volume photochemicals
- Additional demand for high purity fluid container solutions



Relative Cost of Materials



Protecting and filtering high-value materials such as photo resists is critical to yield and cost

Entegris' product set, operations capability and customer relationships should enable share gains

BORON GAS MIXTURES FOR IMPLANT

Increasing throughput is important for both leading-edge and trailing-edge (IoT) fabs

Market/Technology need:

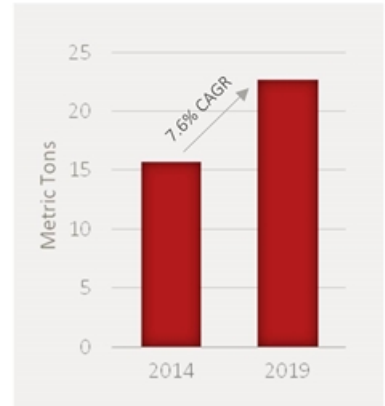
- Ion implant tool uptime is dictated by the ion source lifetime which is affected by contamination from attack of tungsten parts

Entegris solution:

- Introduction of Hydrogen with the BF₃ dopant reduces tungsten ion source contamination
- Gas mixture enables 30-40% longer source life improving tool uptime while reducing wafer defects



Boron and Other Dopant Process Mixtures for Semiconductor Mfg.



Entegris' new gas filling capability in South Korea shortens supply loops to Asian customers

Chart source: Linx Consulting

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Entegris

SPECIALTY COATINGS REDUCE DEFECTS IN ETCH PROCESSES

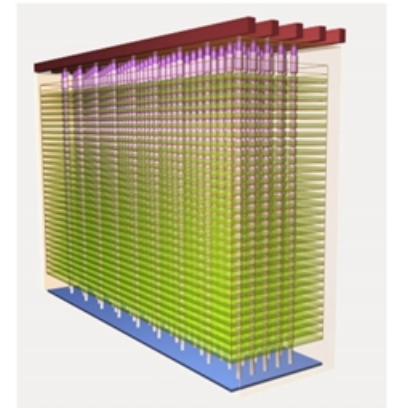
The patterning and etching of device layers for next generation semiconductor devices creates new contamination challenges

Market/Technology need:

- Use of advanced halogen chemistries leads to degradation of etch/CVD chamber components
- Existing plasma-spray coatings of etch chamber components are porous and prone to disintegration which contaminates the wafer due to particle generation

Entegris solution:

- Proprietary Entegris' Pegasus™ PVD coating of chamber components are dense and resistant to corrosive etch chemistries which improves yield and productivity



Future 3D NAND devices could have as many as 96 metal layers

Entegris' new specialty coatings can improve etch process reliability

Image source: Micron and Intel

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Entegris

CMP PAD CONDITIONER EXTENDS PAD LIFE

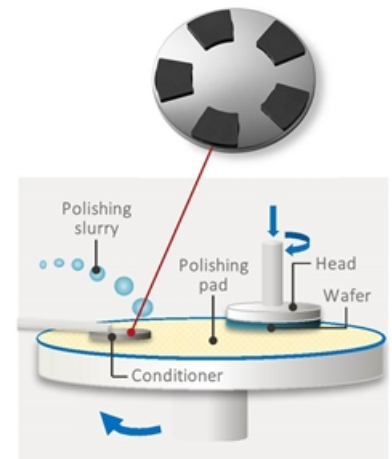
The \$200 million market for CMP pad conditioners is a new area for Entegris

Market/Technology need:

- Pad conditioners “re-energize” the polish pad surface, ensuring CMP process consistency and stability
- New generations of slurries and pads require greater precision of pad conditioners

Entegris solution:

- Entegris’ pad conditioners use Entegris silicon carbide material and coatings expertise to significantly extend pad life, offering device makers meaningful savings
- Entegris’ solution can replace competitive products that use industrial-grade diamonds which can dislodge and scratch wafers



Pad conditioners are a critical CMP consumable

Entegris’ CMP CVD diamond disk can deliver reduced cost-of-ownership by extending pad life by 2X1

1. Pad life improvement based on Entegris test data

DEVELOPMENT AND DELIVERY OF NEW SOLID PRECURSORS

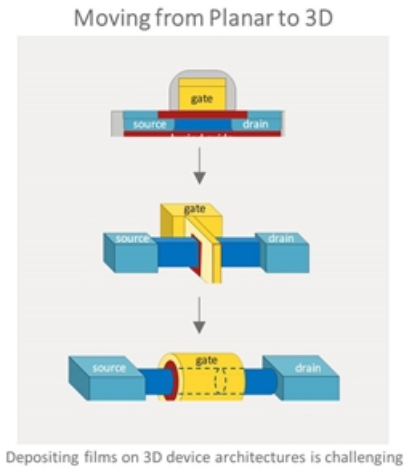
New CVD and ALD precursors are needed for depositing films on advanced logic and memory structures

Market/Technology need:

- Highly conformal dielectric and metal films are required for FinFET and GAA structures in logic as well as 3D NAND memory devices
- An increasing number of CVD and ALD precursors that yield conformal films with low carbon content are solids. These materials pose new handling and delivery requirements

Entegris solution:

- Collaboration with leading customers led to the development of new precursor chemistries
- Entegris' MegaVap™ technology enables solid precursor materials to be deposited effectively

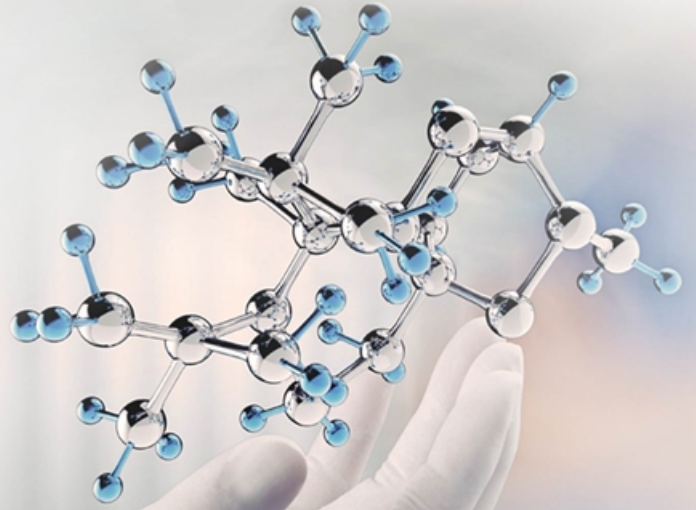


Use of solid precursors will likely grow at equal or greater pace to the overall ALD and PECVD market

JULY 12, 2016

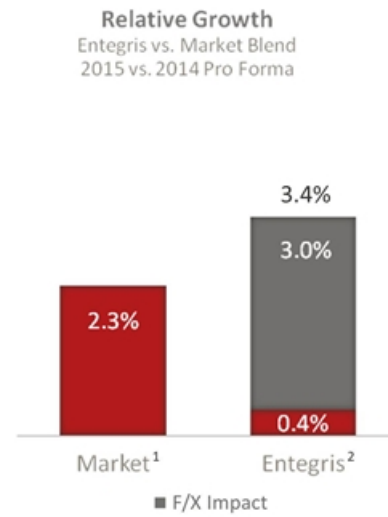
Strong Financial Discipline To Grow Shareholder Value

Greg Graves
EVP, Chief Financial Officer



Financial Objectives		
	FY15	1Q16
Growth in excess of market	■	■
Achieve target model	■	■
Reduce net debt	■	■
EPS growth	■	■

ACHIEVING RELATIVE GROWTH

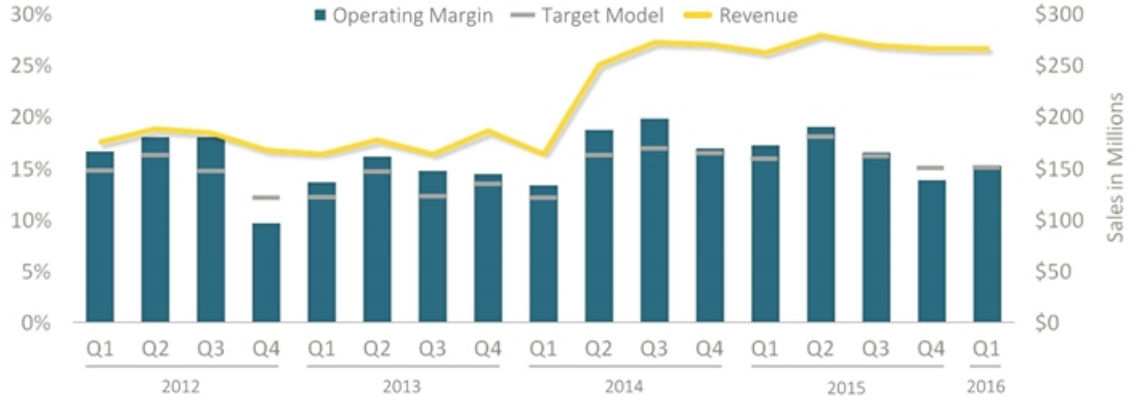


¹ Market index defined as 80% Millions of Sq. Inches of Silicon produced (MSI) and 20% Wafer Fab Equipment (WFE); Data source is Gartner (WFE) and SEMI (MSI)
² Impact of foreign currency, primarily from the Yen, Euro and Korean Won, based on average rates for 2014 and 2015. Growth of 3.4% is against pro forma 2014 revenue.

TARGET MODEL AND HISTORICAL PERFORMANCE

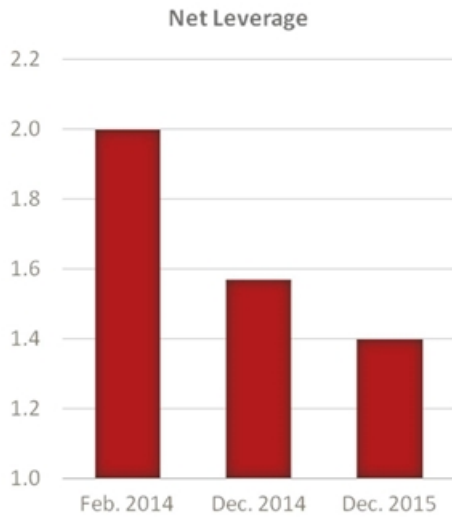
Proven execution and leverage in the operating model

	Quarterly Revenue Level ¹		
Revenue (\$ in millions)	\$250	\$280	\$310
Adjusted Operating Margin ²	14% - 16%	17% - 19%	20%+
Earnings Per Share ³	\$0.14 - \$0.16	\$0.20 - \$0.22	\$0.26+



1 Represents range of adjusted operating margin based on respective quarterly revenue levels.
 2 Adjusted for amortization of intangible assets, one-time charges and expenses, and unrealized synergies.
 3 Assumes shares outstanding equal 140 million.

SOUND BALANCE SHEET WITH GROWING CASH BALANCE



- As of 1Q16, \$344 million of cash on balance sheet
\$128 million in the U.S.
- Long-term debt is comprised of:
\$360M of HY 6% notes
\$307M of 3.5% term debt
- Repaid \$151 million of debt since June 2014; additional \$50M of repayment expected in 2016
- “Shape and Form” of debt provides maximum flexibility in all environments

February 2014 ratio is estimate at time of announcement of transaction, which closed on April 30, 2014

EARNINGS PER SHARE GREW 23% IN FY2015

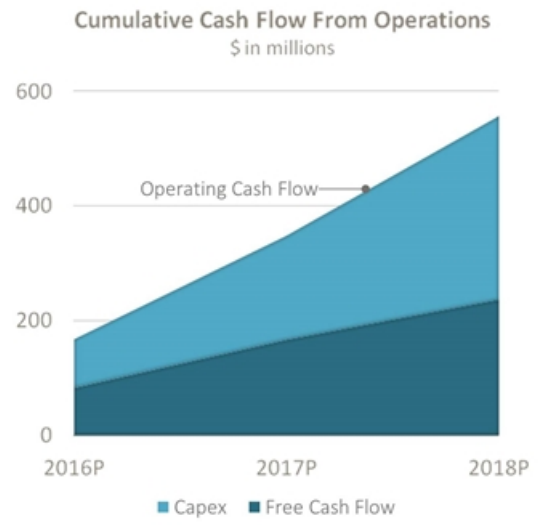
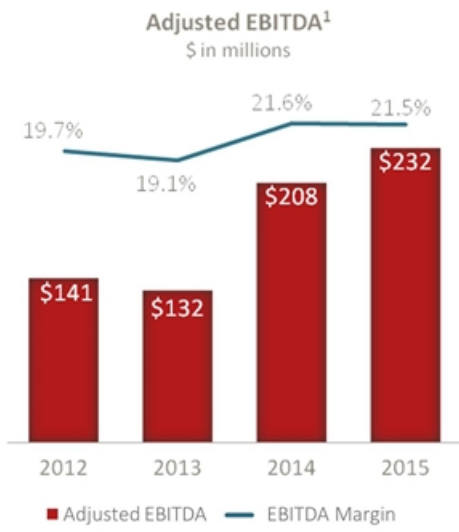
Non-GAAP Earnings Per Share



Note: Non-GAAP EPS for 2014 and 2015 adjusted for transaction costs and integration expense related to April 30, 2014 acquisition of ATMI

PROJECTED CASH FROM OPERATIONS AND FREE CASH FLOW

By 2018, three-year cumulative cash from operations is estimated to reach more than \$500 million



¹ EBITA adjusted for transaction and integration expenses

CAPITAL ALLOCATION FRAMEWORK

Current priority

- Increase domestic liquidity
- Well-targeted M&A
- Opportunistic share buy-backs
- Ongoing debt repayments







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