# ConnectingChemistry





# **Company Presentation**

August 2017

Corporate Finance & Investor Relations



# IN A NUTSHELL Brenntag – The global market leader in chemical distribution

Brenntag is the global market leader in chemical distribution.

Connecting chemical manufacturers and chemical users, Brenntag provides businessto-business distribution solutions for industrial and specialty chemicals globally.

With over 10,000 products and a world-class supplier base, Brenntag offers one-stop-shop solutions to around 185,000 customers.







# AGENDA Company Presentation

# Introduction to Brenntag

Key investment highlights

Financials Q2 2017

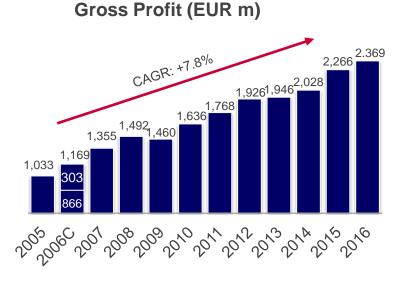
# Outlook

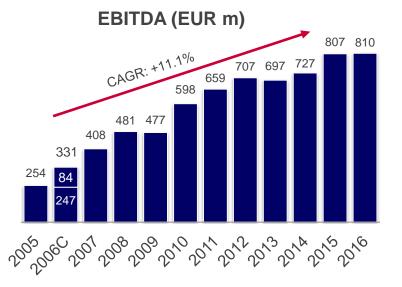
Appendix



## BRENNTAG OVERVIEW Global market leader with strong financial profile

- Global leader with 5.9%<sup>\*</sup>) market share and sales of EUR 10.5 bn in 2016
- Around 15,000 employees, thereof 1/3 dedicated local sales and marketing employees
- Full-line portfolio of over 10,000 products to around 185,000 customers globally
- Network of 550+ locations in 74 countries worldwide
- Usually less-than-truckload deliveries with average value of c. EUR 2,000





\*) As per end 2012: BCG Market Report (July 2013) Notes: 2005: Brenntag predecessor; 2006: Brenntag and Brenntag predecessor combined

### BUSINESS MODEL

# Chemical distributors fulfil a value-adding function in the supply chain



### Purchase, transport and storage of large-scale quantities of diverse chemicals

- Several thousand suppliers globally
- Full-line product portfolio of 10,000+ industrial and specialty chemicals
- Network of 550+ locations worldwide



### **BUSINESS MODEL** Chemical distributors fulfil a value-adding function in the supply chain



- Repackaging from large into smaller quantities
- Filling, labelling, bar-coding and palletizing
- Marketed by more than 5,000 dedicated local sales and marketing employees
- Mixing and blending according to customer specific requirements
- Formulating and technical support from dedicated application laboratories





### BUSINESS MODEL Chemical distributors fulfil a value-adding function in the supply chain



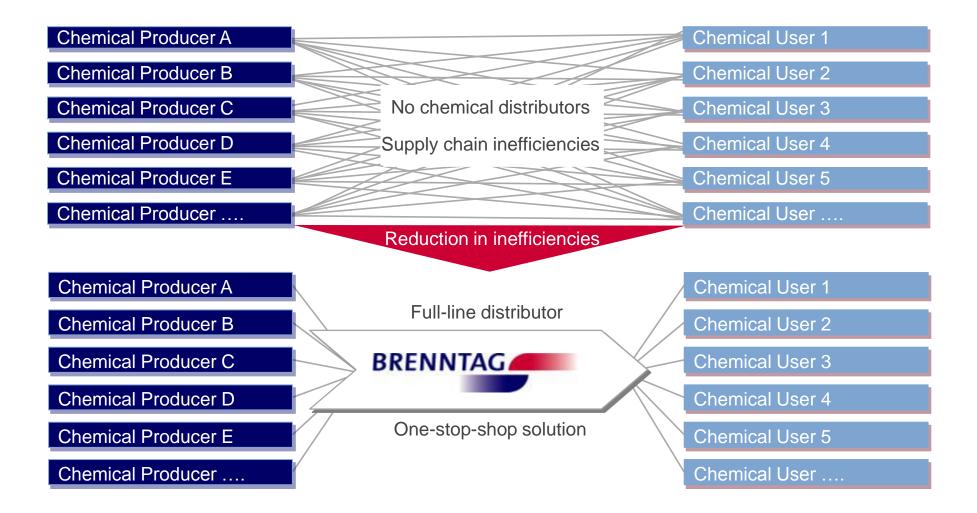
- Leveraging high route density based on local scale
- Providing just-in-time delivery and vendor-managed inventory service
- Utilizing transportation for drum return service
- Offering one-stop-shop solution





### DISTRIBUTION MODEL

# As a full-line distributor, Brenntag can add significant value





# DISTRIBUTOR VS. PRODUCER Chemical distribution differs substantially from chemical production

	"What we are"	"What we are not"
	BRENNTAG	Chemical Producer
Business model	B2B Services / Solutions	Manufacturing
Product portfolio	Full-line	Narrow
Customer base	Broad in diverse end-markets	Narrow
Customer order size	Small	Large
Delivery method	Less-than-truckload	Truckload and larger
Fixed assets	Low intensity	High intensity
Fixed asset flexibility	Multi-purpose	Narrow purpose
Cost base	Variable	Fixed
Raw material prices	Market	Contract
Input / Output pricing	Connected	Disconnected



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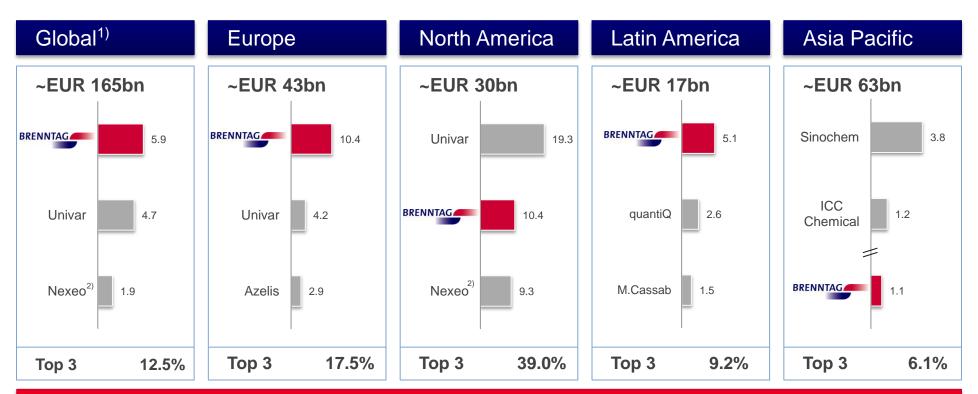


## INVESTMENT HIGHLIGHTS Brenntag is a highly attractive investment case

Key Global market leader investment highlights Significant growth potential in an attractive industry Superior business model with resilience Excellence in execution Highly experienced management team Strong financial profile



# GLOBAL MARKET LEADER Third party chemical distribution estimated market size and market shares



### Still highly fragmented market with more than 10,000 chemical distributors globally

As per end 2012: BCG Market Report (July 2013)

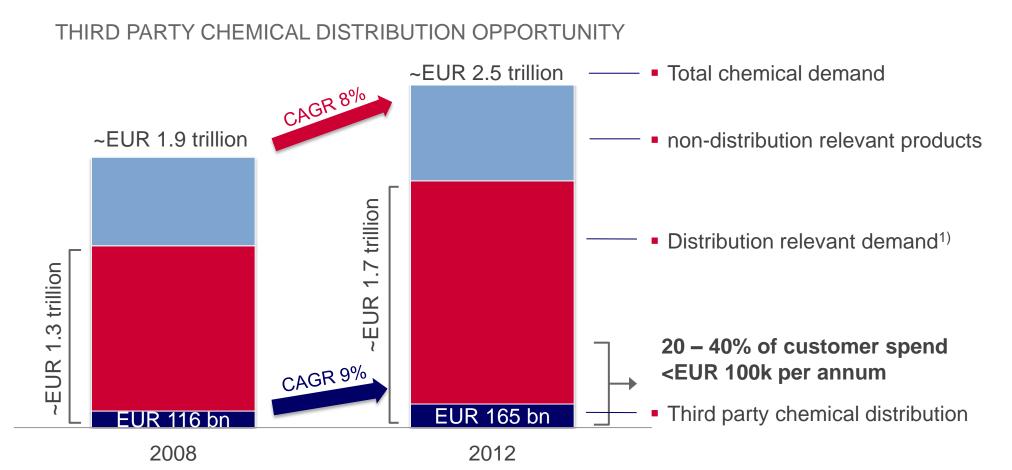
1) Global includes not only the four regions shown above, but also RoW

2) Former Ashland Distribution.



#### MARKET GROWTH

Third party chemical distribution outgrew total chemical demand



BCG Market Report (July 2013)

1) Excluding non-distribution relevant products like ethylene



# GROWTH DRIVERS Multiple levers of organic growth and acquisition potential

	Growth driver	Brenntag global initiative
Chemical distribution industry growth	<ul><li>Growth in chemical demand</li><li>Outsourcing</li><li>Value-added services</li></ul>	<ul><li>Diverse business mix</li><li>Turned-over business</li><li>Mixing and blending</li></ul>
Scale distributor share gain	<ul> <li>Share gain by scale distributors</li> </ul>	Key accounts
Brenntag share gain	<ul><li>Brenntag business mix</li><li>Acquisition growth</li></ul>	<ul><li>Focus industries</li><li>M&amp;A strategy</li></ul>

# Significant organic and acquisition growth potential



# ACQUISITION OBJECTIVES Significant potential for consolidation and external growth

Building up scale and efficiencies

Expanding geographic coverage

# Improving fullline portfolio

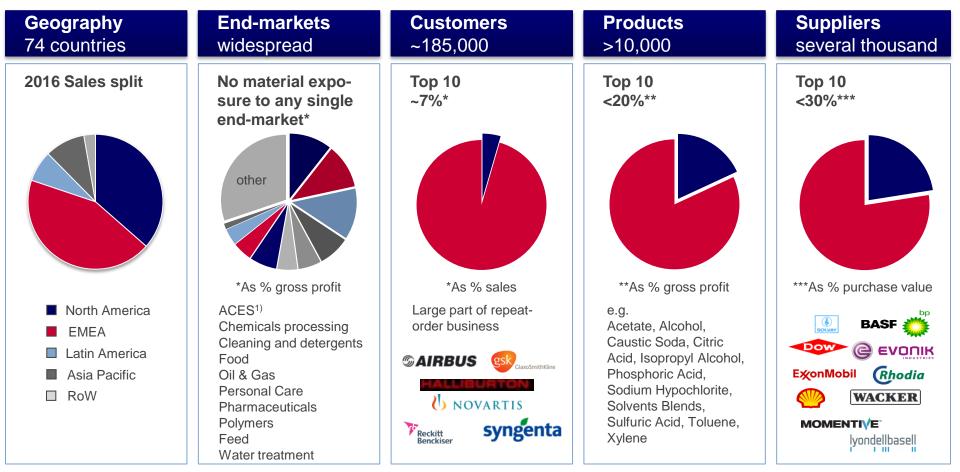
### Brenntag's acquisition track record

- 148 transactions since 1991, thereof 77 since 2007<sup>1</sup>)
- Total cost of acquisitions<sup>2)</sup> of EUR 1,665m from 2007 to August 2017
- Average investment amount of EUR 22m per transaction from 2007 to August 2017
- Synergy potential from cross-selling and cost saving opportunities mainly due to building up of scale and improved efficiency of acquisitions
- Market remains highly fragmented facilitating significant further consolidation potential

Without acquisitions performed by JV-Crest; including acquisitions performed until August 2017
 Purchase price paid excluding debt assumed



## HIGH DIVERSIFICATION Diversity provides resilience and growth potential



Data for end-markets, customers, products and suppliers as per Management estimates 1) Adhesives, coatings, elastomers, sealants



### BARRIERS TO ENTRY

# High barriers to entry due to critical scale and scope

Permits and licences	
Infrastructure availability	Significant
Regulatory standards	capital resources and
Know-how	time required to create a global full-line
Rationalization of distribution relationships	distributor
Global reach	



#### MARKET DRIVEN

# Excellence in execution due to balance of global scale and local reach

Global platform	Local reach
<ul> <li>Core management functions</li> <li>Strategic direction</li> <li>Controlling and Treasury</li> <li>Information Technology</li> <li>Quality, Health, Safety, Environment</li> <li>Strategic growth initiatives</li> <li>Strategic supplier relationships</li> <li>Turned-over business</li> <li>Focus industries</li> <li>Key accounts</li> <li>Mergers &amp; Acquisitions</li> </ul>	<ul> <li>Better local understanding of market trends and adaptation to respective customer needs</li> <li>Entrepreneurial culture</li> <li>Clear accountability</li> <li>Strong incentivization with high proportion of variable compensation of management</li> </ul>



## BOARD OF MANAGEMENT Highly experienced management team



**Steven Holland, CEO** 

Region Latin America, Corp. Communications, Development, HR, HSE, Internal Audit, M&A, Compliance



Karsten Beckmann

Region Europe, Middle East & Africa, Global Accounts, Digitization



**Georg Müller, CFO** Corp. Accounting, Controlling, Finance & IR, IT, Legal, Risk Management, Tax, Brenntag International Chemicals



Markus Klähn Region North America

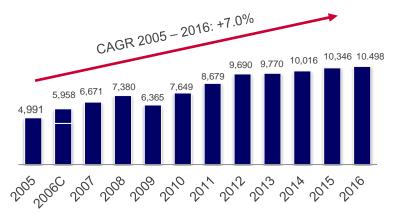


Henri Nejade Region Asia Pacific, Global Sourcing

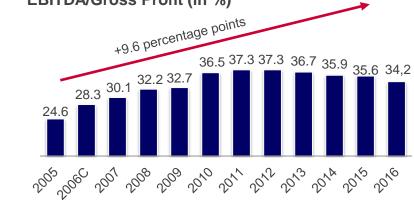


# STRONG FINANCIAL PROFILE Growth track record and resilience through the downturn

Sales (EUR m)

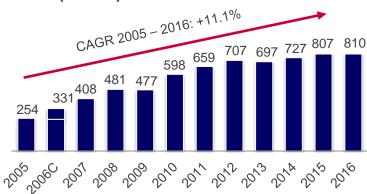


Gross Profit (EUR m) CAGR 2005 - 2016: +7.8% 1,768 1,926 1,946 2,028 2,266 2.369 1,636 <sup>1,492</sup> 1,460 1,355 1,169 1,033 20060 2012 2013 2014 2007 2008 2010 2011 2015 2009 2010 2005 EBITDA/Gross Profit (in %)



Notes: 2005: Brenntag predecessor; 2006: Brenntag and Brenntag predecessor combined and does not constitute pro forma financial information. EBITDA / Gross Profit adjusted for non-recurring effects: 2012 = 11m, 2013 = 17m

EBITDA (EUR m)





## INVESTMENT HIGHLIGHTS Brenntag is a highly attractive investment case

Key investment highlights

Global	market	leader
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Significant growth potential in an attractive industry

Superior business model with resilience

Excellence in execution

Highly experienced management team

Strong financial profile



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- Financials Q2 2017
- Outlook
- Appendix

### HIGHLIGHTS Q2 2017 Introductory remarks to Q2 2017 earnings

Macro Economy	Macro economic environment follows trends seen in Q1: moderate growth in Europe. Improving demand dynamic in North America. Challenging conditions in some countries of Latin America. Macro economic growth in Asia Pacific.
Gross profit	Gross profit of EUR 641.3m growing at 6.2% (+5.2% fx adjusted).
Operating EBITDA	Operating EBITDA of EUR 219.8m growing at 1.9% (+0.8% fx adjusted).
EPS	Earnings per Share of EUR 0.69 (+4.5%).
Acquisitions	Wellstar: Business in China (Brenntag acquires 51% stake in a first step)



### FINANCIALS Q2 2017 Income statement

in EUR m	Q2 2017	Q2 2016	Δ	∆ FX adjusted	2016
Sales	3,001.4	2,664.0	12.7%	11.5%	10,498.4
Cost of sales	-2,360,1	-2,060.4	14.5%		-8,129.1
Gross profit	641.3	603.6	6.2%	5.2%	2,369.3
Expenses	-421.5	-387.8	8.7%		-1,559.3
Operating EBITDA	219.8	215.8	1.9%	0.8%	810.0
Op. EBITDA / Gross profit	34.3%	35.8%			34.2%



### FINANCIALS Q2 2017 Income statement (continued)

in EUR m	Q2 2017	Q2 2016	Δ	2016
EBITDA	218.8	215.8	1.9%	810.0
Depreciation	-29.2	-28.4	2.8%	-115.5
EBITA	190.6	187.4	1.7%	694.5
Amortization <sup>1)</sup>	-11.7	-12.0	-2.5%	-47.2
EBIT	178.9	175.4	2.0%	647.3
Financial result	-23.1	-19.4	19.1%	-111.6
EBT	155.8	156.0	-0.1%	535.7
Profit after tax	106.8	102.1	4.6%	361.0
EPS	0.69	0.66	4.5%	2.33

1) Includes scheduled amortization of customer relationships amounting to EUR 9.4m in Q2 2017 (EUR 9.2m in Q2 2016 and EUR 35.9 million in 2016).



### FINANCIALS Q2 2017 Cash flow statement

in EUR m	Q2 2017	Q2 2016	2016
Profit after tax	106.8	102.1	361.0
Depreciation & amortization	40.9	40.4	162.7
Income taxes	49.0	53.9	174.7
Income tax payments	-73.0	-45.2	-170.6
Interest result	20.5	21.8	81.5
Interest payments (net)	-13.8	-16.2	-67.0
Changes in current assets and liabilities	-92.2	-32.2	-27.6
Change in purchase price obligation/IAS 32	0.2	0.4	2.6
Other	9.7	-10.0	22.6
Cash provided by operating activities	48.1	115.0	539.9

## FINANCIALS Q2 2017 Cash flow statement (continued)

in EUR m	Q2 2017	Q2 2016	2016
Purchases of intangible assets and property, plant & equipment (PPE)	-27.5	-25.7	-138.8
Purchases of consolidated subsidiaries and other business units	-7.6	-15.0	-139.6
Other	10.1	1.2	9.0
Cash used for investing activities	-25.0	-39.5	-269.4
Capital increase	-	-	-
Payments in connection with the capital increase	-	-	-
Purchases of companies already consolidated	-	-41.4	-62.2
Profits distributed to non-controlling interests	-1.0	-1.0	-1.6
Dividends paid to Brenntag shareholders	-162.2	-154.5	-154.5
Repayment of (-)/proceeds from (+) borrowings (net)	24.8	-2.1	-30.8
Cash used for financing activities	-138.4	-199.0	-249.1
Change in cash & cash equivalents	-115.3	-123.5	21.4



### FINANCIALS Q2 2017 Balance Sheet and leverage

in EUR m	30 June 2017	31 Mar 2017	31 Dec 2016	30 Sep 2016	30 June 2016
Financial liabilities	2,099.8	2,164.1	2,283.8	2,211.1	2,230.5
./. Cash and cash equivalents	380.5	506.5	601.9	607.1	463.4
Net Debt	1,719.3	1,657.6	1,681.9	1,604.0	1,767.1
Net Debt/Operating EBITDA <sup>1)</sup>	2.1x	2.0x	2.1x	2.0x	2.2x
Equity	2,900.8	3,054.6	2,959.2	2,752.8	2,668.0



### FINANCIALS Q2 2017 Working capital

in EUR m	30 June 2017	31 Mar 2017	31 Dec 2016	30 Sep 2016	30 June 2016
Inventories	1,007.3	1,013.0	962.8	883.2	880.5
+ Trade receivables	1,761.5	1,744.5	1,511.2	1,508.4	1,572.8
./. Trade payables	1,247.7	1,246.3	1,119.4	1,080.6	1,126.7
Working capital (end of period)	1,521.1	1,511.2	1,354.6	1,311.0	1,326.6
Working capital turnover (year- to-date) <sup>1)</sup>	8.2x	8.3x	8.0x	8.1x	8.1x
Working capital turnover (last twelve months) <sup>2)</sup>	8.0x	8.0x	8.0x	8.0x	7.9x

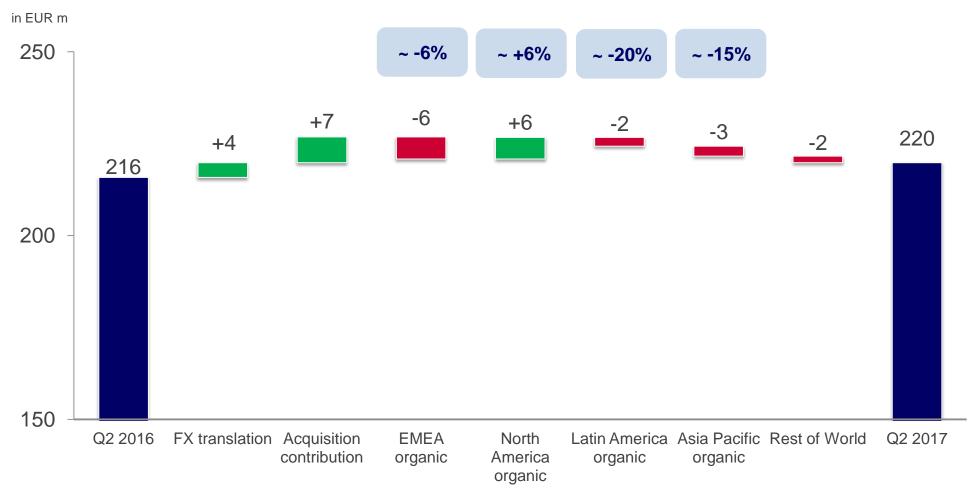
- 1) Using sales on year-to-date basis and average working capital year-to-date.
- 2) Using sales on LTM basis and average LTM working capital.



### FINANCIALS Q2 2017 Free cash flow

in EUR m	Q2 2017	Q2 2016	Δ	Δ	2016
EBITDA	219.8	215.8	4.0	1.9%	810.0
Capex	-27.3	-26.5	-0.8	3.0%	-141.1
$\Delta$ Working capital	-70.0	-24.6	-45.4	184.6%	-27.5
Free cash flow	122.5	164.7	-42.2	-25.6%	641.4

# FINANCIALS Q2 2017 Operating EBITDA bridge<sup>1)</sup>: Q2 2016 to Q2 2017



1) Calculations are partly based on assumptions made by management; Effects based on rounded figures



### FINANCIALS Q2 2017 Segments – EMEA

in EUR m	Q2 2017	Q2 2016	$\Delta$ in %	in % (fx adj.)
Operating gross profit	280.0	278.8	0.4	1.2
Operating EBITDA	93.9	100.5	-6.6	-5.9

- Stable macro economic growth
- Gross profit growth held back by less working days due to Easter
- Mixed picture in the countries with a particularly weak development in some business lines in the Nordic region
- Implementation of efficiency improvement program started
- Organic EBITDA growth ~ -6%



### FINANCIALS Q2 2017 Segments – North America

in EUR m	Q2 2017	Q2 2016	$\Delta$ in %	in % (fx adj.)
Operating gross profit	280.2	246.3	13.8	11.2
Operating EBITDA	106.6	93.2	14.4	11.6

- Macro environment with ongoing improvement and healthy dynamic
- Strong gross profit growth is broad based across industries and regions
- Contribution from acquisitions is above expectations
- Double digit EBITDA growth
- Organic EBITDA growth ~ +6%



### FINANCIALS Q2 2017 Segments – Latin America

in EUR m	Q2 2017	Q2 2016	$\Delta$ in %	in % (fx adj.)
Operating gross profit	44.1	42.9	2.8	-1.7
Operating EBITDA	9.7	11.4	-14.9	-18.2

- Difficult macro economic conditions with negative IP growth
- Weak demand impacts Brenntag's business in many countries but Brazil is stabilizing
- Slight improvements in gross profit trends compared to Q1
- Operating EBITDA clearly impacted by weak demand situation
- Sale of business in Venezuela



### FINANCIALS Q2 2017 Segments – Asia Pacific

in EUR m	Q2 2017	Q2 2016	$\Delta$ in %	in % (fx adj.)
Operating gross profit	48.9	45.6	7.2	6.0
Operating EBITDA	16.8	17.3	-2.9	-4.0

- Stable macro economic growth momentum in the region
- Gross profit growth mainly attributable to acquisitions
- Divergent trends in the countries (e.g. good business in Vietnam, delayed infrastructure projects in Indonesia with negative impact on demand)
- Organic EBITDA growth ~ -15%



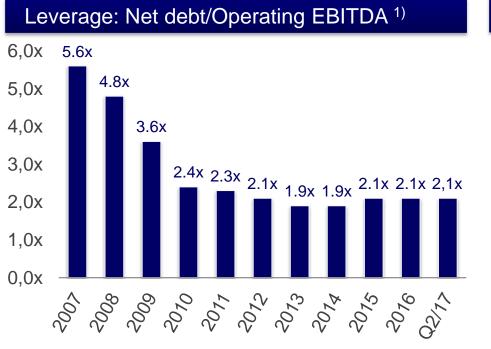
### FINANCIALS Q2 2017 Balance Sheet as of June 30, 2017

in EUR m 7,210 7,210 381 Cash and cash 2.1001.761 Financial liabilities equivalents Trade receivables Trade payables 347 Other assets 1.248 1.007 Other liabilities Inventories 374 196 Other provisions 391 Intangible assets 1) Other 2.752 Property, plant and Equity 2.901 equipment 962 Assets Liabilities and Equity

1) Of the intangible assets as of June 30, 2017, some EUR 1,253 million relate to goodwill and trademarks that were capitalized as part of the purchase price allocation performed on the acquisition of the Brenntag Group by funds advised by BC Partners Limited, Bain Capital, Ltd. and subsidiaries of Goldman Sachs International at the end of the third quarter of 2006 in addition to the relevant intangible assets already existing in the previous Group structure.



## FINANCIALS Q2 2017 Financial stability of Brenntag Group



- Business demonstrates ability to de-leverage constantly
- Investment-grade ratings from Standard & Poor's ("BBB") and Moody's ("Baa3")



 High flexibility due to undrawn revolving credit facility of EUR 600m

1) Net debt defined as current financial liabilities plus non-current financial liabilities less "cash and cash equivalents"



## FINANCIALS H1 2017 Segments

in EUR m		EMEA	North America	Latin America	Asia Pacific	All other segments	Group
Operating gross profit	H1 2017	559.0	552.7	87.8	97.2	7.5	1,304.2
	H1 2016	546.4	490.5	86.5	87.5	6.9	1,217.8
	Δ	2.3%	12.7%	1.5%	11.1%	8.7%	7.1%
	$\Delta$ FX adjusted	3.1%	9.4%	-5.4%	9.0%	8.7%	5.5%
<b>Operating EBITDA</b>	H1 2017	189.7	195.2	18.9	33.8	-16.2	421.4
	H1 2016	188.8	177.8	23.8	32.2	-14.7	407.9
	Δ	0.5%	9.8%	-20.6%	5.0%	10.2%	3.3%
	$\Delta$ FX adjusted	1.1%	6.7%	-26.5%	3.0%	10.2%	1.7%



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# Outlook

Appendix

#### ConnectingChemistry



## OUTLOOK 2017 EMEA - Efficiency Programme

Current Situation	<ul> <li>Positive macro economic environment, but not enough to generate efficiencies through economies of scale quickly</li> </ul>
	<ul> <li>Various successful measures in the past (i.e. harmonization of infrastructure and commercial processes)</li> </ul>
Measures	<ul> <li>Objective: Improve efficiency across the region to accelerate growth</li> <li>Regional focus: Many countries and all functions are impacted</li> <li>Rightsizing of regional infrastructure</li> </ul>
Impact	<ul> <li>Recurring cost savings of EUR 8m p.a. (starting from 2018)</li> <li>One-Off-Costs of around EUR 25m</li> </ul>



#### OUTLOOK 2017

	2016 H1/2017	Comments	Trend 2017
Gross profit	EUR 2,369m EUR 1273m	<ul> <li>Gross profit to increase due predominantly to higher volumes in the existing business</li> </ul>	
Operating EBITDA	EUR 810m EUR 421m	<ul> <li><u>Guidance range</u>: EUR 820m to EUR 850m for 2017 (excl. special items)</li> </ul>	
Working capital	EUR 1,355m EUR 1,521m	<ul> <li>To a large extent a function of sales growth</li> <li>Improvement in working capital turnover expected</li> </ul>	
Capex	EUR 141m EUR 47m	<ul> <li>Capex spending to increase to over EUR 150m driven by projects to expand our business operations.</li> </ul>	2
Free cash flow	EUR 641m EUR 148m	<ul> <li>Increase no longer expected (due to rise in chemical prices).</li> </ul>	



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# BRENNTAG HISTORY Longstanding history of more than 140 years

Year	Event
1874	Philipp Mühsam founds the business in Berlin
1912	Entry into chemical distribution business
1966	Brenntag becomes international, acquiring Balder in Belgium
1970 – 1979	US business established; continued acquisitions in European and North American chemicals distribution business
1980 – 1989	Further expansion in North America
1990 – 2000	Expansion in Europe via acquisitions; takeover of Neuber Group in Austria establishes foothold in Central and Eastern Europe
2000	Acquisition of Holland Chemical International, at the time the fifth largest chemical distributor worldwide, providing global scale and a leading position in Latin America

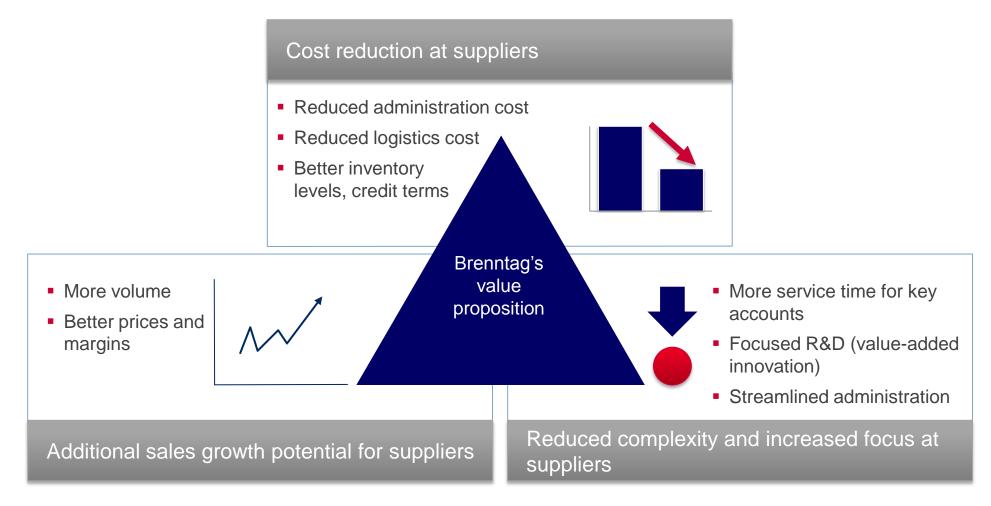


## BRENNTAG HISTORY (CONT.) Longstanding history of more than 140 years

Year	Event
2000 – 2008	Becoming global market leader; acquisition of LA Chemicals (US, 2006), Schweizerhall (Switzerland, 2006) and Albion (UK and Ireland, 2006)
2008	Acquisition of Rhodia's distribution activities in 8 countries, establishing Asia Pacific platform
2010	IPO; acquisition of EAC Industrial Ingredients, substantially strengthening presence in Asia Pacific
2011	Market entry in China
2012	The free float of the Brenntag AG share reached 100% of the share capital, after final placement of Brachem Acquisition S.C.A.
2015	Acquisition of J.A.M. (USA) and G.H. Berlin Windward (USA): Strategic expansion of lubricants business in USA



# TOP INITIATIVE – TURNED-OVER BUSINESS Substantially increase supplier penetration by proactively taking over smaller customers from suppliers





#### TOP INITIATIVE – FOCUSED SEGMENT GROWTH

Significantly increase share in customer industries where Brenntag can achieve above average growth



1) Adhesives, coatings, elastomers, sealants

Brenntag AG - Company Presentation



# TOP INITIATIVE – KEY ACCOUNTS Increase business with pan-regional/global key customers based on increased demand

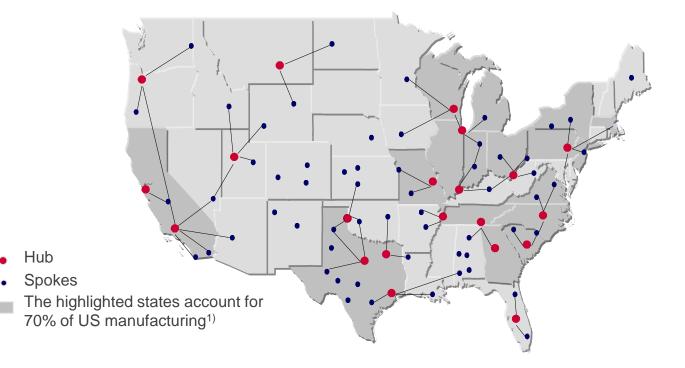
#### Concept

- Management believes amount spent by customers on chemical distribution may be 15% to 25% of their total chemical spending
- Partnering with an international distributor can greatly reduce the cost and time of supplier management, allowing customer procurement to focus on strategic materials
- International distribution can bundle customers' global usage to simplify the interaction with producers
- Knowledge gain at one customer site can be rapidly transferred to all other sites, thus lessening project development time, approval of alternate sources, or implementing best-in-class logistics
- One contract or working document applies to all business interactions leading to quicker implementation, reduced misunderstandings and elimination of regional differences
- An international distributor can grow with the customer as the customer enters new geographical and business markets
- Global corporations want to partner with a supplier that provides the security of a robust and uniform Sustainability Program, and Ethical work processes

# Customers who take advantage of Brenntag's truly global network contributed EUR 1,256m of sales in 2016



## NORTH AMERICA – EFFICIENT HUB & SPOKE SYSTEM Efficient management of stock and storage utilization

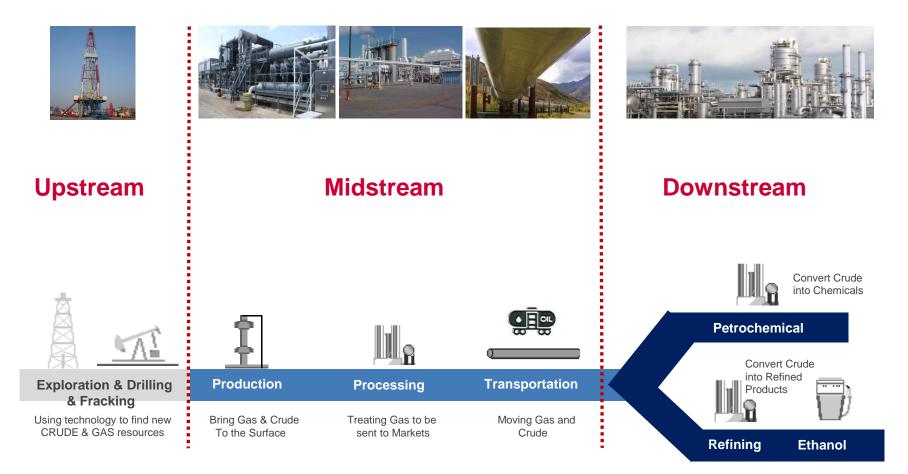


- Larger distribution sites ("hubs") are fully equipped with tanks, filling stations, mixing and blending facilities and storage facilities for packaged products
- Smaller distribution sites ("spokes") represent warehouse facilities for packaged products that are supplied from the larger sites

1) BEA Bureau of Economic Analysis



#### NORTH AMERICA Oil and Gas Value Chain





#### HSE

# Committed to health, safety and the environment

Committed to the principles of Responsible Care/Responsible Distribution<sup>1)</sup>

- Product responsibility
- Plant safety
- Occupational safety and health
- Comprehensive environment protection (air, water, soil, raw materials, waste)
- Transport safety

Brenntag Approach					
Programs and regular training	Clear guidelines and procedures	Appropriate equipment	Behaviour- based safety	Regular reporting to Board	

1) Program of the International Council of Chemical Trade Associations



## ACQUISITION HISTORY Acquisitions have achieved three main objectives

Building up scale & efficiencies	Expanding geographic coverage	Improving full-line portfolio
<ul> <li>Biesterfeld, Germany, 2002</li> <li>Albion, UK and Ireland, 2006</li> <li>Schweizerhall, Switzerland, 2006</li> <li>Quadra and LA Chemicals, Western US, 2006</li> <li>Ulrich Chemicals, Mid-South US, 2007</li> <li>Houghton Chemicals, North-Eastern US, 2010</li> <li>G.S. Robins, Northern US, 2011</li> <li>The Treat-Em-Rite Corporation, Coastal US, 2012</li> <li>Kemira Water Denmark A/S, Denmark, 2014</li> <li>Philchem, Inc., Houston, Texas, USA 2014</li> <li>NOCO Inc., Tonawanda, NY, USA 2016</li> <li>MCP Inc., Pryor, Oklahoma, USA 2016</li> </ul>	<ul> <li>Neuber, CEE, 2000</li> <li>Holland Chemical Intl., Canada/LA/Nordic, 2000</li> <li>Group Alliance, North Africa, 2005</li> <li>Dipol, Ukraine &amp; Russia, 2008</li> <li>Rhodia, Asia, 2008</li> <li>EAC Industrial Ingredients, Asia, 2010</li> <li>Zhong Yung (International) Chemical, China, 2011</li> <li>ISM/Salkat Group, Asia, 2012</li> <li>Quimicas Merono, Spain, 2015</li> <li>TAT Group, Singapore, Asia, 2015</li> <li>Trychem FZC, Dubai, UAE, 2015</li> <li>Whanee Corporation, South Korea 2016</li> </ul>	<ul> <li>ACES<sup>1)</sup>,2 distributors UK + Canada, 2004&amp;2007</li> <li>Food, 6 distributors in EU &amp; LA, 2005-09</li> <li>Oil &amp; Gas, 3 distributors in NA, 2005-08</li> <li>Food, Riba (Spain), Amco (Mexico), 2010 &amp; 2011</li> <li>Lubricant additives, Multisol (UK), 2011</li> <li>C &amp; C, Food, Delanta, LA, 2012</li> <li>Water treatment, Altivia Corp., NA, 2012</li> <li>Lubricants, Lubrication Serv., NA, 2013</li> <li>Biotech &amp; Food, Zytex, India, 2013</li> <li>Solvents, Gafor, Brazil, 2014</li> <li>Food, Chimab, Italy, 2014</li> <li>Specialties, SurtiQuímicos, Colombia 2014</li> <li>Industrial chemicals, Fred Holmberg &amp; Co AB, Sweden, 2014</li> <li>Food, Lionheart, ZA, 2015</li> <li>Cosmetics, Parkoteks Kimya, Turkey, 2015</li> <li>Lubricants, J.A.M.+ Berlin-Windwardin NA, 2015</li> <li>Leis Polytechnik + ACU, Germany, 2016</li> <li>Plastichem + Warren Chem, South Africa, 2016</li> <li>Waxes, EPChem. Group, Singapore, 2016</li> <li>Petra Industries, Inc., Greene's Energy Group,</li> </ul>

1) Adhesives, coatings, elastomers, sealants

USA, 2017



#### **ASIA PACIFIC**

Asia Pacific Strategy: Implementation of a powerful platform with clearly defined strategy



## HIGHLIGHTS 2016 Introductory remarks to 2016 earnings

Macro Economy	Moderately positive momentum in Europe. Weak trend in North America. Downturn in economic conditions in Latin America. Positive picture in Asia Pacific.
Gross profit	Gross profit of EUR 2,369.3m with a growth of 4.6% (6.0% fx adjusted)
Operating EBITDA	Operating EBITDA of EUR 810.0m with growth of 0.3% (1.9% fx adjusted)
Free Cash Flow	Strong free cash flow of EUR 641.4m
EPS	Earnings per share of EUR 2.33
Dividend	Proposed dividend payment of EUR 1.05 per share represents increase of 5.0%
Acquisitions	Execution of value accretive acquisitions with a total Enterprise Value of around EUR 200m



#### FINANCIALS 2016 Income statement

in EUR m	2016	2015	Δ	$\Delta$ FX adjusted
Sales	10,498.4	10,346.1	1.5%	2.9%
Cost of goods sold	-8,129.1	-8,080.1	0.6%	
Gross profit	2,369.3	2,266.0	4.6%	6.0%
Expenses	-1,559.3	-1,458.6	6.9%	
Operating EBITDA	810.0	807.4	0.3%	1.9%
Operating EBITDA/Gross profit	34.2%	35.6%		



#### FINANCIALS 2016 Income statement (continued)

in EUR m	2016	2015	Δ
EBITDA	810.0	807.4	0.3%
Depreciation	-115.5	-108.7	6.3%
EBITA	694.5	698.7	-0.6%
Amortization <sup>1)</sup>	-47.2	-36.9	27.9%
EBIT	647.3	661.8	-2.2%
Financial result 2)	-111.6	-112.5	-0.8%
EBT	535.7	549.3	-2.5%
Profit after tax	361.0	368.1	-1.9%
EPS	2.33	2.36	-1.3%
EPS excl. Amortization and Zhong Yung liability and Venezuela <sup>3)</sup>	2.72	2.68	15.5%

1) This figure includes for 2016 scheduled amortization of customer relationships totalling EUR 35.9 million (2015: EUR 27.7m).

2) Thereof EUR -1.0m in 2016 are related to a change of the purchase price obligation for Zhong Yung (International) Chemical Ltd., which has to be recorded in the income statement according to IFRS (EUR -23.4m in 2015)

3) Adjusted for the net effect of amortizations and changes in the purchase price obligation for the outstanding 49% in Zhong Yung (International) Chemical Ltd and the effect for Venezuela



#### FINANCIALS 2016 Cash flow statement

in EUR m	2016	2015
Profit after tax	361.0	368.1
Depreciation & amortization	162.7	145.6
Income taxes	174.7	181.2
Income tax payments	-170.6	-174.2
Interest result	81.5	71.5
Interest payments (net)	-67.0	-67.2
Changes in current assets and liabilities	-27.6	60.6
Change in purchase price obligation/IAS 32	2.6	24.9
Other	22.6	-16.8
Cash provided by operating activities	539.9	593.7



## FINANCIALS 2016 Cash flow statement (continued)

in EUR m	2016	2015
Purchases of intangible assets and property, plant & equipment	-138.8	-126.7
Purchases of consolidated subsidiaries and other business units	-139.6	-500.8
Other	9.0	5.9
Cash used for investing activities	-269.4	-621.6
Capital increase	-	-
Payments in connection with the capital increase	-	34.3
Purchases of companies already consolidated	-62.2	-
Profits distributed to non-controlling interests	-1.6	-1.9
Dividends paid to Brenntag shareholders	-154.5	-139.1
Repayment of (-)/proceeds from (+) borrowings (net)	-30.8	218.7
Cash used for financing activities	-249.1	112.0
Change in cash & cash equivalents	21.4	84.1



#### FINANCIALS 2016 Balance Sheet and leverage

in EUR m	31 Dec 2016	31 Dec 2015	31 Dec 2014	31 Dec 2013	31 Dec 2012	31 Dec 2011
Financial liabilities	2,283.8	2,255.2	1,901.6	1,768.5	1,829.5	1,952.4
./. Cash and cash equivalents	601.9	579.1	491.9	426.8	346.6	458.8
Net Debt	1,681.9	1,676.1	1,409.7	1,341.7	1,482.9	1,493.6
Net Debt/ Operating EBITDA	2.1x	2.1x	1.9x	1.9x	2.1x	2.3x
Equity <sup>1)</sup>	2,959.2	2,690.5	2,356.9	2,093.7	1,944.2	1,737.6

1) The values of 31 December 2012 and 31 December 2011 were revised due to the initial application of the revised version of IAS 19 (Employee Benefits (revised 2011)).



#### FINANCIALS 2016 Working capital

in EUR m	31 Dec 2016	31 Dec 2015	31 Dec 2014	31 Dec 2013	31 Dec 2012	31 Dec 2011
Inventories	962.8	897.1	865.8	757.1	760.4	696.8
+ Trade receivables	1,511.2	1,426.5	1,407.2	1,248.8	1,266.4	1,220.9
./. Trade payables	1,119.4	1,055.5	1,046.2	961.5	1,008.2	956.6
Working capital (end of period)	1,354.6	1,268.1	1,226.8	1,044.4	1,018.6	961.1
Working capital turnover (year-to-date)	8.0x	8.0x	8.6x	9.0x	9.2x	9.3x

1) Using sales on year-to-date basis and average working capital year-to-date.



#### FINANCIALS 2016 Free cash flow

in EUR m	2016	2015	Δ	Δ
EBITDA	810.0	807.4	2.6	0.3%
CAPEX	-141.1	-130.1	-11.0	8.5%
$\Delta$ Working capital	-27.5	87.0	-114.5	-131.6%
Free cash flow	641.4	764.3	-122.9	-16.1%

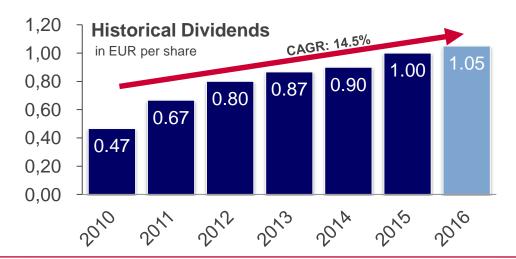


## FINANCIALS 2016 Segments FY 2016

in EUR m		EMEA	North America	Latin America	Asia Pacific	All other segments	Group
Operating gross profit	2016	1,064.6	997.5	170.9	182.3	13.4	2,428.7
	2015	1,024.2	942.6	201.2	140.0	13.7	2,321.7
	Δ	3.9%	5.8%	-15.1%	30.2%	-2.2%	4.6%
	$\Delta$ FX adjusted	6.4%	5.9%	-13.4%	33.7%	-2.2%	6.1%
Operating EBITDA	2016	362.3	357.3	45.9	66.7	-22.2	810.0
	2015	353.0	365.6	64.7	50.3	-26.2	807.4
	Δ	2.6%	-2.3%	-29.1%	32.6%	-15.3%	0.3%
	$\Delta$ FX adjusted	5.6%	-2.2%	-27.6%	35.8%	-15.3%	1.9%

# DIVIDEND Dividend proposal

in EUR m	2016	2015	Δ
Profit after tax	361.0	368.1	-1.9%
Less minority interest	0.7	3.1	
Profit after tax (consolidated) attributable to shareholders of Brenntag AG	360.3	365.0	-1.3%
Proposed dividend payment	162.2	154.5	
Proposed Dividend per share in EUR	1.05	1.00	5.0%
Payout ratio	45.0%	42.3%	





#### RONA

# Increasing value added and returns

in EUR m	2008	2009	2010	2011	2012	2013	2014	2015	2016
Sales	7,380	6,365	7,649	8,679	9,690	9,770	10,016	10,346	10,498
Cost of goods sold	5,887	4,905	6,013	6,911	7,764	7,824	7,988	8,080	8,129
Gross profit	1,492	1,460	1,636	1,768	1,926	1,946	2,028	2,266	2,369
Expenses	1,011	983	1,039	1,109	1,219	1,249	1,301	1,459	1,559
EBITDA	481	477	598	659	707	697	727	807	810
EBITDA/ Gross profit	32%	33%	37%	37%	37%	36%	36%	36%	34%
EBITA	398	394	514	570	610	596	628	699	695
RONA <sup>1)</sup>	24.4%	26.8%	33.0%	32.5%	32.0%	30.6%	31.1%	31.6%	30.6%

1) RONA is defined as EBITA divided by the sum of average PPE plus average working capital.

#### CASH FLOW

# Strong cash generation over the past years

in EUR m	2008	2009	2010	2011	2012	2013	2014	2015	2016
EBITDA	480.9	476.6	597.6	658.8	707.0	696.8	726.9	807.4	810.0
CAPEX	-84.3	-71.8	-85.1	-86.0	-94.7	-97.2	-104.8	-130.1	-141.1
$\Delta$ Working capital	-53.5	242.0	-136.4	-61.0	-33.0	-56.2	-100.5	87.0	-27.5
Free cash flow <sup>1)</sup>	343.1	646.8	376.1	511.8	579.3	543.4	521.6	764.3	641.4
Average working capital <sup>2)</sup>	833.1	691.9	752.4	928.3	1,048.8	1,090.0	1,161.8	1,295.1	1,308.8
Working capital tunover <sup>3)</sup>	8.9x	9.2x	10.2x	9.3x	9.2x	9.0x	8.6x	8.0x	8.0x

1) Free Cash Flow is calculated as EBITDA – Capex +/-  $\Delta$  Working Capital.

2) Average Working Capital is defined for a particular year as the mean average of the values for working capital at each of the following five times: the beginning of the year, the end of each of the first, second and third quarters, and the end of the year.

3) Working Capital Turnover is defined as Sales divided by Average Working Capital.



## SHAREHOLDER STRUCTURE Shareholders exceeding the 3% or 5% threshold

Shareholder	<b>Proportion in %</b>	Date of notification
BlackRock	>5%	October 18, 2016
MFS Investment Management	>5%	July 3, 2012
Norges Bank	>5%	September 2, 2016
Threadneedle	>3%	June 27, 2016



#### SHARE DATA

ISIN	DE000A1DAHH0
Stock symbol	BNR
Listed since	29 March 2010
Subscribed capital	EUR 154,500,000.00
Outstanding shares	154,500,000
Class of shares	Registered shares
Free float	100%
Official market	Prime Standard XETRA and Frankfurt
Regulated unofficial markets	Berlin, Stuttgart
Designated sponsors	Deutsche Bank AG, ICF Kursmakler AG
Indices	MDAX <sup>®</sup> , MSCI, Stoxx Global, Stoxx Europe



#### BOND DATA

	Bond 2018	Bond (with Warrants) 2022
Issuer	Brenntag Finance B.V.	Brenntag Finance B.V.
Listing	Luxembourg Stock Exchange	Frankfurter Freiverkehr
ISIN	XS0645941419	DE000A1Z3XQ6
Aggregate principal amount	EUR 400,000,000	USD 500,000,000
Denomination	EUR 1,000	USD 250,000
Minimum transferable amount	EUR 50,000	USD 250,000
Coupon	5.50%	1.875%
Interest payment	19 July	Semi annual: Jun. 2 / Dec. 2
Maturity	19 July 2018	Dec. 2, 2022



#### FINANCIAL CALENDAR

Date	Event
September 18, 2017	Goldman Sachs/Berenberg German Corporate Conference, Munich
September 19, 2017	Baader Investment Conference, Munich
September 28, 2017	JP Morgan Milan Investor Forum, Milano
November 8, 2017	Interim Report January – September 2017
December 4 - 5, 2017	Berenberg European Conference, London



#### CONTACT

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