

Merck KGaA, Darmstadt, Germany

Q2 2015 Roadshow Presentation



Investor Relations

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Agenda

Business overview

Transforming the company

Financial review

Guidance

Balanced portfolio of three business sectors



The Group

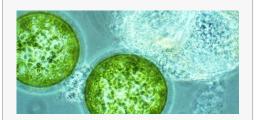
Healthcare



Leading in certain specialty pharma markets

- Life cycle management
- Biologics
- Emerging markets
- Over-the-counter medicine

Life Science



Top 3 in life science tools

- Global presence
- Innovation
- End-to-end solutions for pharma industry

Performance Materials

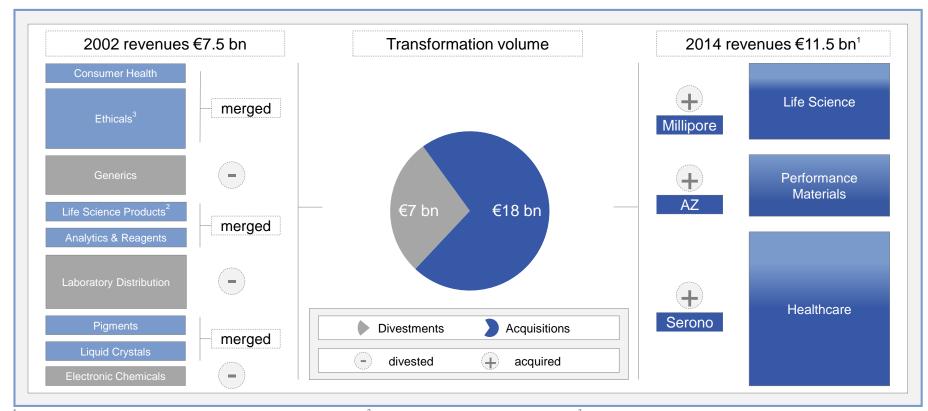


No. 1 in display materials

- Customer intimacy
- Innovation power
- Cost and technology leadership

We have added scale while strengthening the attractiveness of its portfolio

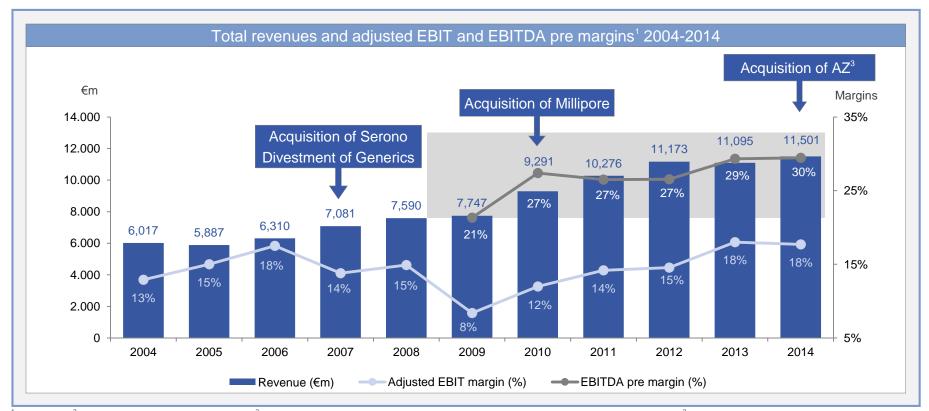




1 Including sales contribution from AZ Electronic Materials acquired as of 2 May 2014, 2 Excluding "Crop Bioscience", which was divested; 3 Excluding "Theramex", which was divested

Growth initiatives have fundamentally improved profitability

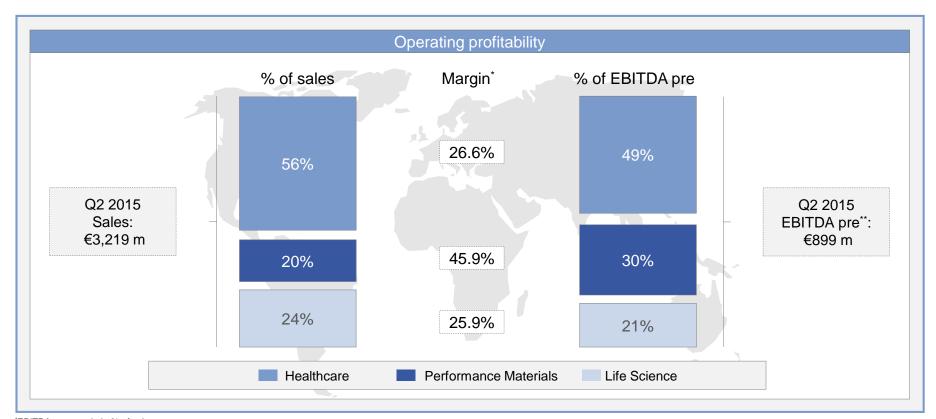




adjusted EBIT²and EBITDA pre divided by total revenues; ²adjusted EBIT is EBIT less exceptional items (e.g. impairments, integration costs, restructuring costs); ³included since May 2, 2014

Strong businesses with attractive margins

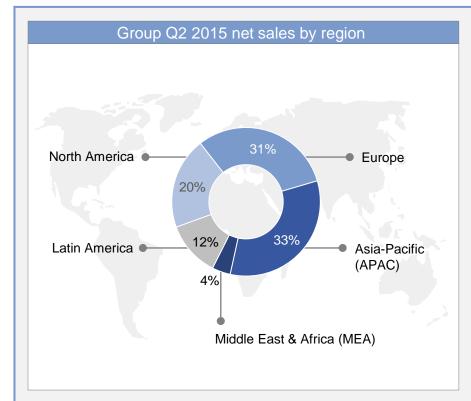


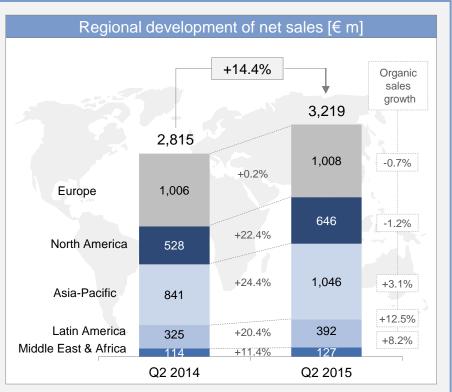


*EBITDA pre margin in % of sales
**Including Corporate/Others (-€76 m)

APAC and Latin America drive organic growth









Agenda

Business overview

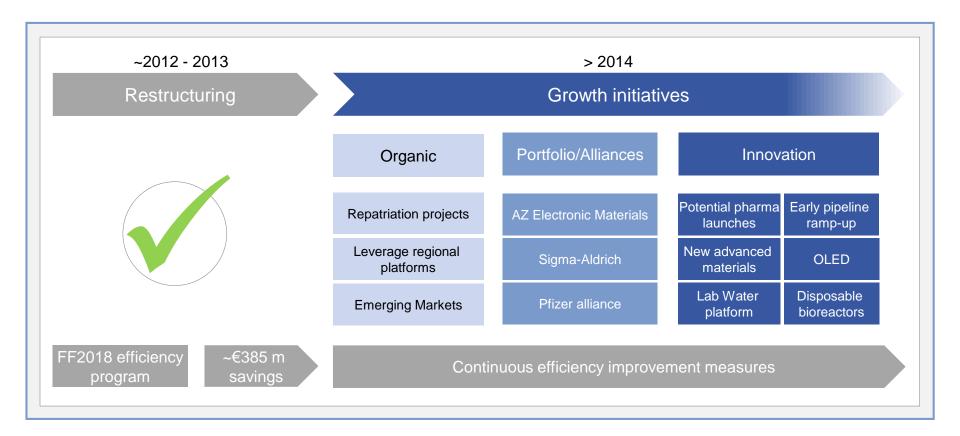
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Financial review

Guidance

Strategic agenda 2018 – milestones achieved





AZ – Complementing Performance Materials, expanding innovation leadership in niche markets



Healthcare

Life Science

Performance Materials

Merck KGaA, Darmstadt, Germany





Ongoing development in Liquid Crystals





- Launch of new UB-FFS* mode enhancing light transmission and reducing energy consumption
- Further advancing future technologies e.g. liquid crystal windows

Research in advanced technologies



EPSON

- Collaboration with EPSON on OLED progressing well
- Development of new proprietary OLED materials and LED phosphors - launch of a vivid green

R&D projects from AZ





- Si-tech materials for OLED encapsulant
- Graphene-based materials in Separators, Anodes and Cathodes

Successful integration of AZ completed in 2014

Sigma-Aldrich – Next step to enhance Life Science business sector





Pfizer collaboration – Acceleration and broadening of immuno-oncology pipeline



Healthcare Life Science Performance Materials

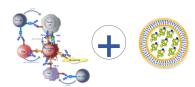
Merck KGaA, Darmstadt,
Germany & Pizer

Leverage anti-PD-L1 asset



- Avelumab* with over 700 patients already enrolled in PI/II
- Initiation of several pivotal studies in 2015 e.g.:
 - Lung, bladder, renal, ovarian, gastric

Tackle combination therapies



- Enlarge pool of potential combinations
- Combination studies in 2015 e.g.:
 - Axitinib (Inlyta) in renal cancer
 - Crizotinib (Xalkori) ALK/ROS in lung cancer

Build commercialization strength



- Co-commercialization of Xalkori in U.S. and other key markets
- Ramp-up of Oncology infrastructure and capabilities in 2015, especially in U.S.

^{&#}x27;Avelumab = proposed International Non-proprietary Name (INN), formerly referred to as Anti-PD-L1 mAb (MSB0010718C)

Strategic agenda 2018 – milestones achieved





¹Bristol-Myers Squibb: ²General Medicine



Agenda

Business overview

Transforming the company

Financial review

Guidance

Q2 2015 overview



[€ m]	Q2 2014	Q2 2015	Δ
Net sales	2,815	3,219	14.4%
EBITDA pre Margin (% of sales)	846 30.0%	899 27.9%	6.3%
EPS pre [€]	1.16	1.30	12.1%
Operating cash flow	429	326	-24.0%
[€ m]	Dec 31, 2014	June 30, 2015	Δ
Net financial debt	559	-567	n.m.
Working capital	2,356	2,527	7.2%
Employees	39,639	40,192	1.4%

Q2 2015

- Higher EBITDA pre, but margin softens due to royalty income loss, Rebif decline and higher R&D
- EPS pre increase supported by improved financial result*
- Cash flow impacted by higher tax and interest payments and cash-out for R&D terminations
- Net cash position driven by operating cash flow and cash-in from Sigma hedging
- Working capital increase mainly attributable to organic growth and FX

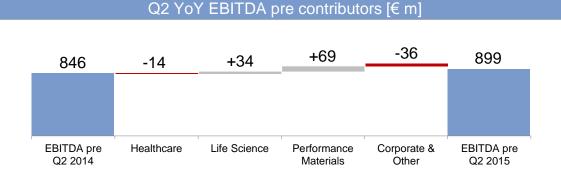
Totals may not add up due to rounding; 'YoY change mainly driven by swing in time value of Long-Term Incentive Program (LTIP)

A sound quarter



Q2 2015 YoY net sales	Organic	Currency	Portfolio	Total
Healthcare	1.5%	7.8%	0.0%	9.2%
Life Science	6.2%	11.2%	0.0%	17.3%
Performance Materials	-0.4%	16.8%	10.7%	27.2%
Group	2.2%	10.2%	1.9%	14.4%

- Healthcare growth driven by General Medicine and Fertility, offsetting Rebif decline
- Biopharma demand in all regions supports Life Science growth
- Performance Materials growth driven by FX and AZ

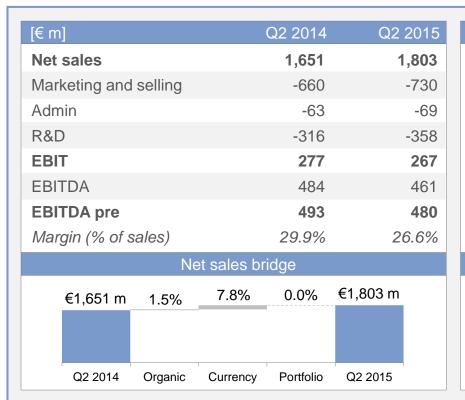


- Healthcare affected by Humira royalty loss, Rebif decline and higher R&D costs
- Life Science increase supported by strong organic performance
- Performance Materials reflects FX benefits, AZ and favorable product mix
- Corporate EBITDA pre impacted by hedging losses

Totals may not add up due to rounding

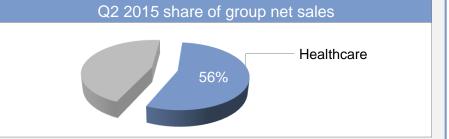
Healthcare: Organic growth driven by strong General Medicine and Consumer Health





Comments

- Ongoing Rebif decline due to volume losses in Europe and U.S.
- Erbitux recovering slight organic decline versus high prior year base
- General Medicine and Fertility remain key growth drivers
- CH driven by Neurobion in LatAm and local brands in Europe
- Marketing and selling expenses mainly driven by FX
- R&D costs reflects ramp-up of Avelumab* and other focus programs as well as promising earlier stage pipeline candidates
- Profitability decreases due to loss of Humira royalties,
 Rebif decline and investments in R&D



Healthcare includes Biopharmaceuticals, Consumer Health, Biosimilars and Allergopharma;

^{&#}x27;Avelumab = proposed International Non-proprietary Name (INN), formerly referred to as Anti-PD-L1 mAb (MSB0010718C)

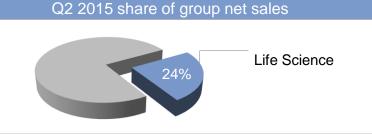
Life Science: Process Solutions fuels organic growth



[€ m]		Q2 2014	Q2	2015		
Net sales		659		773		
Marketing and selling			-205	-24		
Admin			-26	-2		
R&D		-39		-49		
EBIT			75		87	
EBITDA		150	170			
EBITDA pre		166	200			
Margin (% of sales)		25.2%	2	5.9%		
Net sales bridge						
	€659 m	6.2%	11.2%	0.0%	€773 m	
	Q2 2014	Organic	Currency	Portfolio	Q2 2015	

Comments

- Process Solutions with strong organic growth mainly driven by biopharma demand for viral clearance and purification products
- Lab water consumables and biomonitoring remain main drivers of solid organic performance of Lab Solutions
- Bioscience slightly negative as research content business remains soft across all regions
- Increase in cost base is mainly attributable to FX
- EBITDA pre benefits from volume growth in Process Solutions and price increases across the portfolio



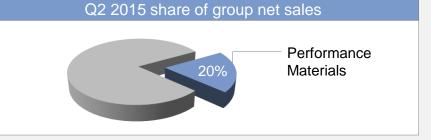
Performance Materials: Strong FX tailwinds support profitability



[€ m]		Q2 2014	Q2 2015	
Net sales			506	643
Marketing and selling			-49	-53
Admin			-15	-14
R&D		-39	-49	
EBIT			137	238
EBITDA			178	299
EBITDA pre		226	295	
Margin (% of sales)		44.7%	45.9%	
Net sales bridge				
€506 m	-0.4%	16.8%	10.7%	€643 m
	0.470			
Q2 2014	Organic	Currency	Portfolio	Q2 2015

Comments

- Strong sales reflect FX tailwinds and portfolio effect
- Liquid Crystals with solid volumes in flagship technologies (PS-VA, IPS and UB-FFS), partially offset by shrinking TN-TFT market
- Integrated Circuits shows sound volume development driven by trend towards miniaturization & number of chips produced
- Significant EBITDA pre increase driven by FX, AZ and product mix





Agenda

Business overview

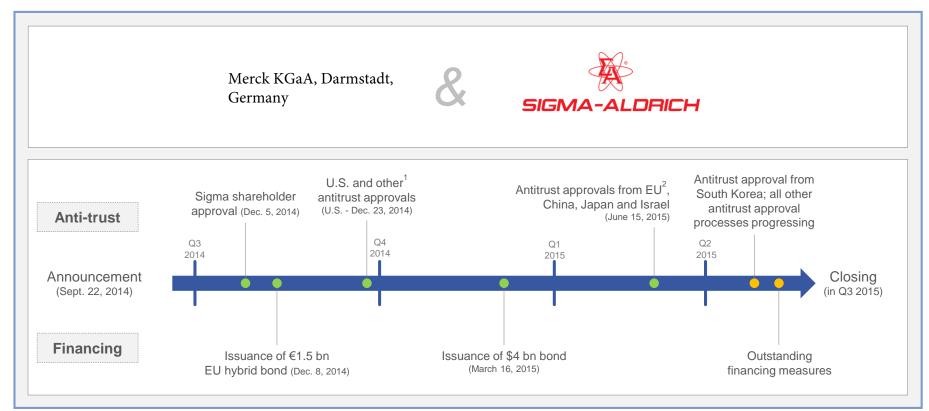
Transforming the company

Financial review

Guidance

Sigma-Aldrich – Update





¹Russia, Serbia, Ukraine, Taiwan, South Africa; ²Subject to conditions and commitments as agreed with the EU

Sigma-Aldrich – thorough preparation bolsters integration plans



Integration Planning Office



- Preparation of integration has begun immediately after the announcement
- All work streams & functions in place for swift & smooth launch of integration

Organizational structures

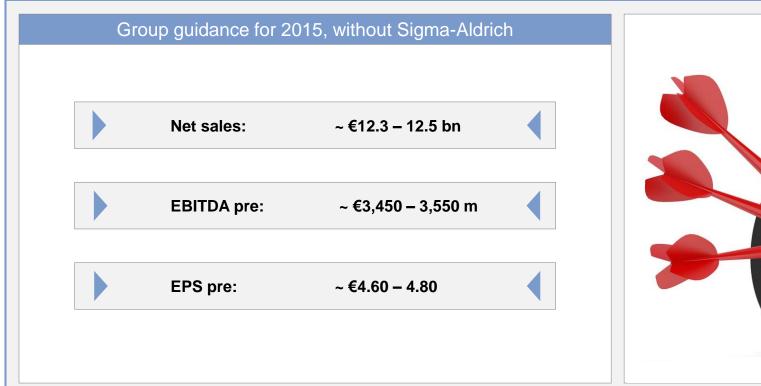


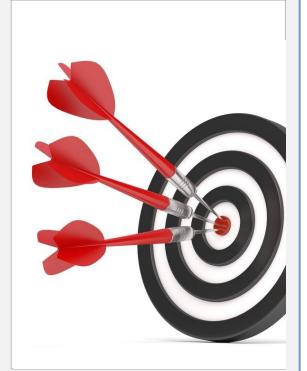
- New business organization structure determined
- Future leadership team consisting of well-balanced mix between Sigma-Aldrich and Merck KGaA
 Darmstadt, Germany managers

Goal: Focusing on smooth and seamless integration without disruption

Full-year 2015 guidance confirmed







2015 business sector guidance









Merck KGaA

Darmstadt · Germany



Appendix

Guidance details

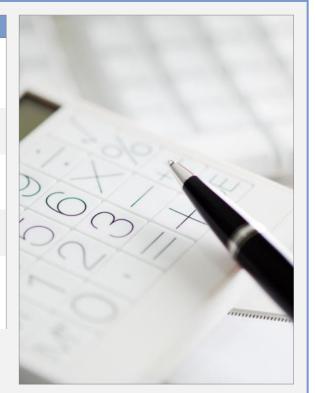
Sigma acquisition & pharma update

Financial details

Additional financial guidance 2015

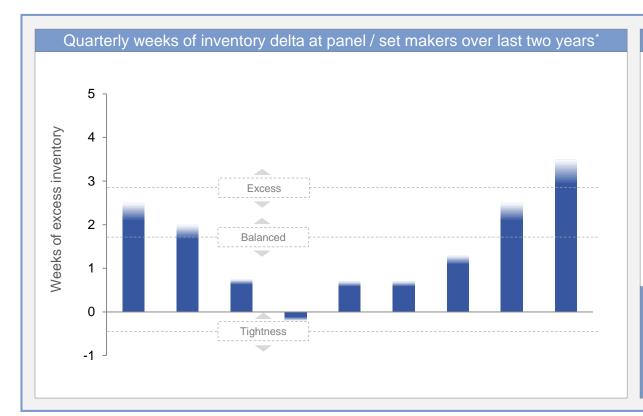


Further financial details				
Group royalty, license and commission income in 2015	~€300 m			
Corporate & Other EBITDA pre	~ -€300 – -350 m			
Underlying tax rate	~23% to 25%			
Capex on PPE	~€550 m			
Hedging/USD assumption	2015 & 2016 hedge rate ~30% at EUR/USD ~1.22 to 1.26			
2015 Ø EUR/USD assumption	~1.10 – 1.15			



Display industry shows higher channel inventory levels





Inventory dynamics

- Downstream inventory levels high
- Stock levels need to be monitored

Inventories high but underlying growth trends remain intact

*Illustration; Source: Merck KGaA, Darmstadt, Germany and GfK Research (May 2015)

High cost base in strong currencies and hedging losses partially offset FX tailwinds



Healthcare



Sales

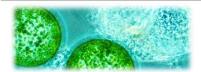
- Global presence
- ~40% of sales in Europe

Costs

- High Swiss franc cost base due to manufacturing sites
- R&D hub and notable sales force in U.S.

FX impact

Life Science



Sales

 Balanced regional sales split between EU, NA and RoW

Costs

- Extensive manufacturing and research footprint in the U.S.
- Global customer proximity requires broad-based sales force

FX impact

Performance Materials



Sales

- ~80% of sales in Asia-Pacific
- Industry is USD-driven

Costs

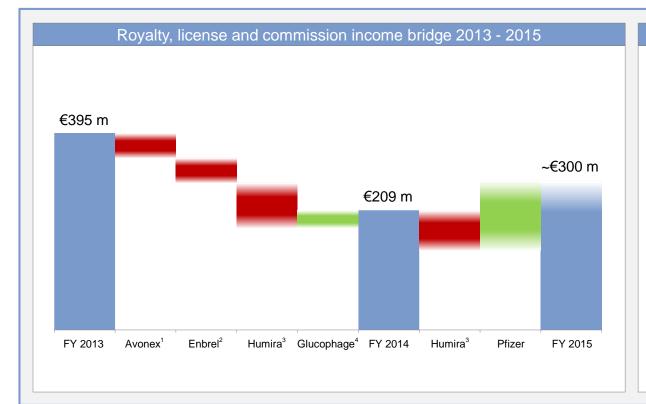
- Main production sites in Germany
- Several R&D and mixing facilities in Asia

FX impact



Food for thought on royalty, license and commission income





Details and future changes

- Pfizer deal contains release of upfront and Xalkori accruals
- New reporting starting 2015:
 - Net Sales will include commission and profit share income
 - Royalty & license income will be within Other Operating Income
 - Royalty, license and commission expenses will be allocated to individual functional lines

Illustration; ¹Avonex patent expired in May 2013; ²Enbrel patent expired in November 2013; ³Humira royalty income expired June 30, 2014; ⁴Commission income due to co-promotion agreement for Glucophage with BMS in China – shown in net sales in 2015



Appendix

Guidance details

Sigma acquisition & pharma update

Financial details

Sigma-Aldrich – Next step to become a leading life sciences company



Attractive life science industry



- Attractive industry driven by sustainable underlying market trends
- Stable growth pattern, offering additional growth opportunities
- Strong companies with healthy margins

Taking our life science business to the next level



- Strong track record of delivering profitable growth
- Adding scale with step change acquisition

Sigma Aldrich acquisition – A compelling transaction Merck KGaA rationale

Strategic and operational fit

- Increasing scale expanding position in attractive life science industry
- Enhancing value for our customers
 - Broadens product range and ease of doing business for Laboratories & Academia
 - Complements Process Solutions product offering
- Closing the gap in U.S. adequate presence in all geographies
- Leveraging existing platforms for global innovation rollout

Financial fit

- Further diversification of revenue stream
- Substantial synergy potential
- Immediately accretive to EPS pre* and EBITDA margin
- Solid investment grade rating will be maintained

Sigma-Aldrich – A leading life science consumables supplier

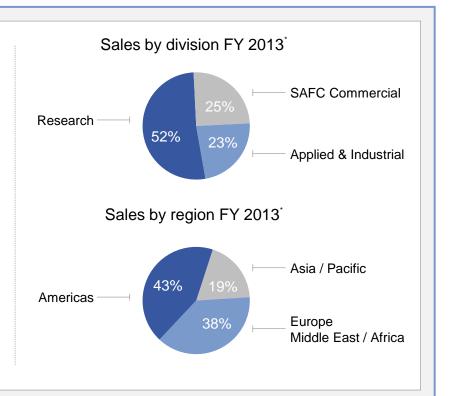


Business

- Total revenues of \$2.7 billion in 2013
- ~9,000 employees including ~3,000 scientists and engineers
- Headquartered in St. Louis, MO
- Chemical and biochemical products, kits and services provider to laboratories and pharma production
- No. 1 eCommerce platform in the industry; ~1,600 sales people

Footprint

- Balanced regional exposure; strength in North America
- Operations in ~40 countries; products available in ~160 countries



Together serving the attractive €100bn life science industry



~€100 bn life science industry

Laboratory & Academia

~€25 bn industry



Low-to-mid single digit growth

Market trends

- Continued investments in pharma R&D
- Increased regulatory requirements for analytics and testing
- Emerging markets (EM) fueling growth in scientific research

Bio-/Pharma production

~€35 bn industry



Mid-to-high single digit growth

Market trends

- Increasing biologic production volumes
- Expanding production in EM
- Higher regulatory requirements

Other industries

~€40 bn industry



Mid-to-high single digit growth

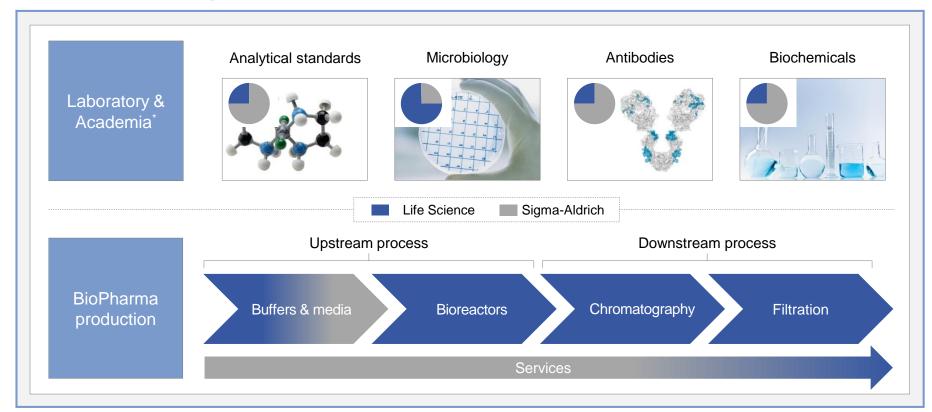
Market trends

- Higher regulatory and product quality requirements
- Expanded environmental and food & beverage testing

Attractive industry EBITDA margin of ~25%

Broad and complementary product fit in attractive segments

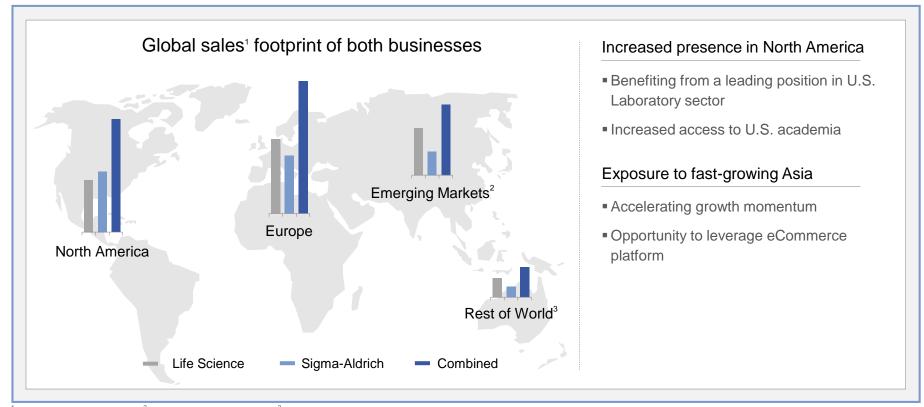




*Key laboratory and academia areas illustrated

Expanding global reach and scale





Leveraging operational excellence to deliver superior value to customers



Product innovation

- Delivering innovative workflow solutions to increase customers' efficiency
- Broad technology and platforms
- Recurring winners of renowned innovation awards









Process innovation

- Efficient supply chain for >300,000 products
- Best in class customer experience;
 e.g. 24 hour delivery in major markets
- Top-notch customer interface supported by eCommerce platform



eCommerce platform



Supply chain

Efficient work flow solutions and unique customer experience

Sigma-Aldrich – Business and transaction financials Merck KGaA



Overview of	financial d	lata¹	
US\$ m	2012	2013	2014E ⁴
Revenue	2,623	2,704	2,796
% YoY at constant FX	+3%	+3%	n.a.
EBITDA (adjusted)	809	821	852
% of sales	31%	30%	30%
D&A	136	138	132
% of sales	5%	5%	5%
Net financial debt (period end)	-41	-357	-466 ⁵
No. of shares (diluted, m)	122	121	n.a.

Proposed transaction details²

- Equity value ~US\$17 bn (€13.1 bn)
- Enterprise value (EV) ~€12.7 bn including net cash ~€360 m
- Financing through cash and debt; no equity
- Assumed synergies: ~€260m
- In line with core acquisition criteria
 - Immediately accretive to EPS pre
 - Solid investment grade rating will be maintained

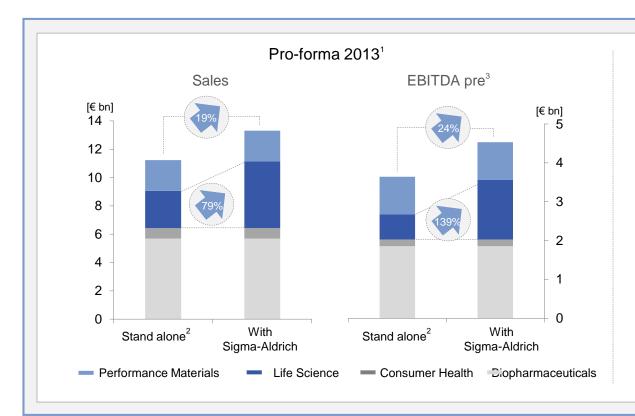
Implied forward transaction multiples ³
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	2013	2014E ⁴
EV/Sales	6.1x	5.9x
EV/EBITDA	20.1x	19.4x
EV/EBITDA pro-forma incl. synergies ³	14.3x	13.9x

Source: Company reports; ²FX conversion: EUR/USD 1.30; ³"Pro-forma" calculation based on 100% expected synergies; ⁴Median consensus estimates from latest broker reports; ⁵Last reported as per H1 2014 report (June 30, 2014)

Transaction enhances financial profile





Pro-forma financial impacts

- Group sales¹ increase by ~19%
- Group EBITDA pre³ rises by ~24% with margin⁴ expansion from ~30% to ~33%
- Synergies: ~€260m p.a. fully implemented in 3rd full year after closing
- Expected PPA impact: Mid triple-digit €m p.a.
- Immediately EPS pre accretive

¹Pro-forma calculation based on published sales for FY 2013 for Merck KGaA, Darmstadt, Germany (including pro-forma AZ Electronic Materials) and Sigma-Aldrich; ²Pro-forma calculation based on published sales for FY 2013 for Merck KGaA, Darmstadt, Germany (including pro-forma AZ Electronic Materials); ³Pro-forma calculation based on 100% expected synergies; excluding Corporate & Other; ⁴Including Corporate & Other,

<u>4</u>2

Support from meaningful synergies



Our experience



- Significant restructuring and integration experience
- Deep knowledge and understanding of the life science industry

Source of synergies



- Consolidate manufacturing footprint
- Increase conversion to eCommerce channels



- Optimize sales & marketing
- Streamline admin functions and infrastructure
- Save U.S. public company costs
- Optimize R&D portfolio

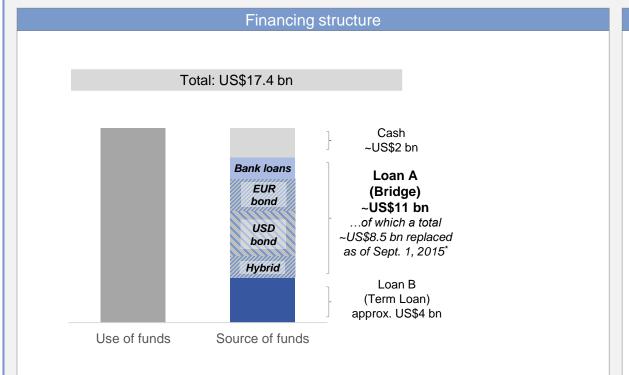
Planned delivery



- Synergies: ~€260 m, i.e. ~12% of Sigma-Aldrich sales
- Fully implemented in third full year after closing
- Expected integration costs:~€400 m; spread over 2015-2018

Solid structure to finance Sigma-Aldrich transaction





Update on funding structure

- Acquisition 100% cash & debt financed
- The bridge has been replaced through various capital markets transactions and bank loans
- Accomplished transactions:
- Dec. 2014: ~US\$1.9 bn EUR-hybrid bond
- March 2015: US\$4 bn USD bond
- August 2015: ~US\$2.6 bn EUR bond
- Strong combined cash flows available for rapid deleveraging
- Strong investment grade rating maintained
- Expected financing costs well below 2%

Merck KGaA, Darmstadt, Germany and Pfizer – Three strategic drivers for collaboration



Leverage Anti PD-L 1 asset



- Combine our R&D and Pfizer's commercialization capabilities
- Speed up overall development process through joint R&D efforts
- Combine financial resources of two global pharma players
- Share development risk



Tackle combination therapies



- Enlarge pool of potential combinations through use of Pfizer's pipeline assets and existing products of Pfizer
- Leverage scientific expertise through joint research efforts
- Increase momentum to bring combinations to the market



Build new commercialization strength



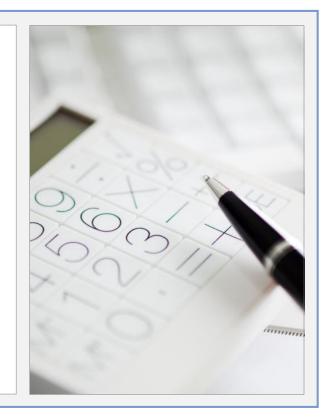
- Co-commercialization of Xalkori in major markets
- Build up Oncology infrastructure and capabilities, especially in North America
- Broaden experience and knowledge base in advance of potential Avelumab launch
- Additional income stream to drive R&D activities



Financial implications of the deal with Pfizer

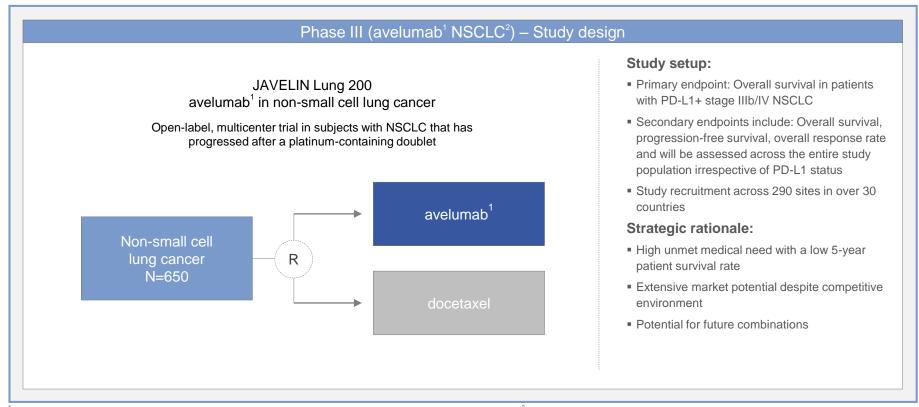


- \$850 m upfront cash payment, accrual to be released over several years
- ~50:50 R&D Cost split for drug development
- Milestone payments of up to \$2.0 bn based on filing/approval and commercialization of the compound across various indications & markets
- Co-commercialization of Xalkori 2015 reimbursement for ramping up infrastructure and capabilities; followed by profit sharing agreement
- Following regulatory approval, first potential sales of Anti PD-L1 compound



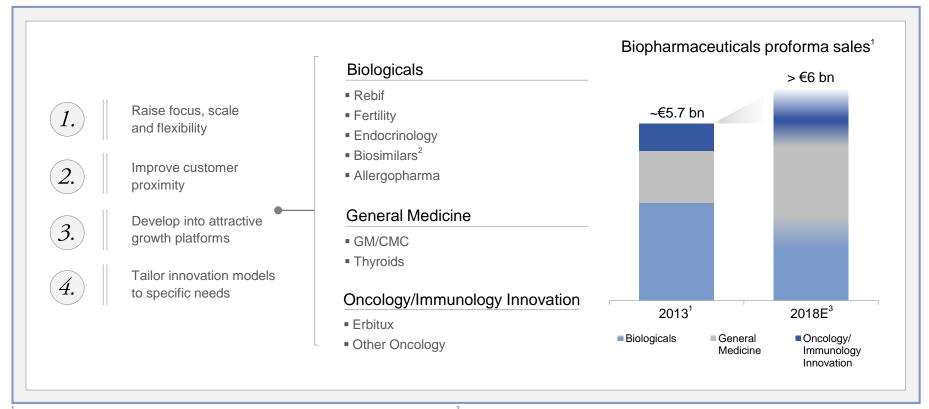
First avelumab Phase III initiated





Biopharmaceuticals has three different business models with specific strengths and requirements



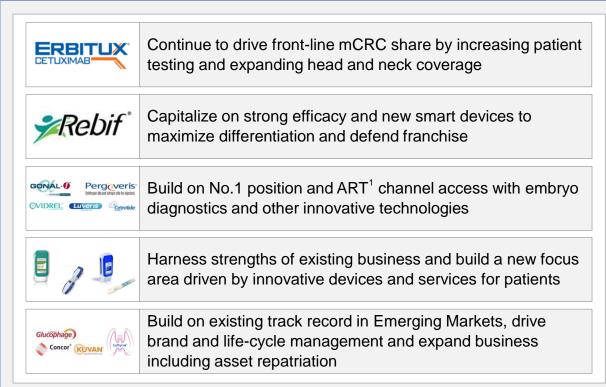


Source: Proforma re-calculation based on 2013 data for Biopharmaceuticals; excluding Consumer Health; ²Gradual sales ramp-up expected from 2017 onwards

Excluding contributions from R&D pipeline

The road to maximizing the existing franchises is clear







Portfolio management: Differentiating across diverse Merck KGaA business models

General Medicine portfolio



- Limited risk with high cash generation
- Sustainable steady growth fueled by Emerging Markets



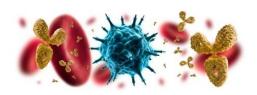
Biologicals portfolio



- Moderate risk and reward profile
- Economies of scale due to stateof-the-art production capabilities
- Emerging Markets gain importance



Oncology & Immunology innovation portfolio



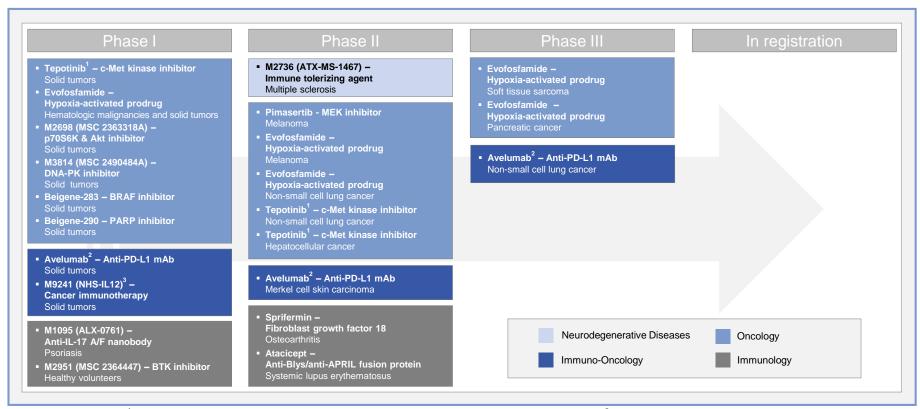
- High reward at high risk
- Innovation key success factor high R&D spend
- Promising pipeline projects



Mid-term, all parts of the portfolio need to earn their cost of capital

Clinical pipeline





Pipeline as of 31 July, 2015; ¹Tepotinib is the proposed International Nonproprietary Name (INN) for the c-Met kinase inhibitor (MSC 2156119J); ²Avelumab = proposed International Non-proprietary Name (INN), formerly referred to as anti-PD-L1 mAb (MSB0010718C); ³Sponsored by the National Cancer Institute (USA)



Appendix

Guidance details

Sigma acquisition & pharma update

Financial details

H1 2015: Overview



[€ m]	H1 2014	H1 2015	Δ
Sales	5,443	6,261	15.0%
EBITDA pre Margin (% of sales)	1,653 30.4%	1,752 28.0%	6.0%
EPS pre [€]	2.32	2.43	4.7%
Operating cash flow	838	605	-27.8%
[€ m]	Dec 31, 2014	June 30, 2015	Δ
Net financial debt	559	-567	n.m.
Working capital	2,356	2,527	7.2%
Employees	39,639	40,192	1.4%

H1 2015

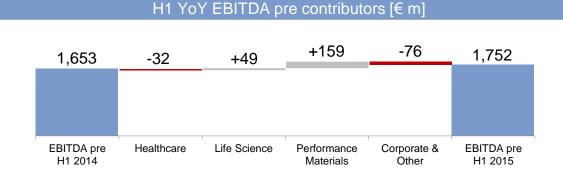
- Sales increase mainly driven by FX,
 AZ and organic performance
- EBITDA pre increases, while margin softens due to royalty loss, Rebif decline, higher R&D spending
- Operating cash flow burdened by higher tax and interest payments
- Net cash position driven by operating cash flow and cash-in from realization of Sigma hedging instrument
- Working capital increase mainly attributable to organic growth and FX

Top-line growth driven by FX, AZ and organic performance of Life Science



H1 2015 YoY net sales	Organic	Currency	Portfolio	Total
Healthcare	0.9%	7.5%	0.0%	8.4%
Life Science	4.8%	10.5%	-0.4%	14.9%
Performance Materials	0.5%	15.9%	22.4%	38.8%
Group	1.8%	9.6%	3.6%	15.0%

- Rebif and Erbitux declines are more than offset by other franchises driving organic stability of Healthcare
- Life Science benefits from ongoing biopharma demand
- Performance Materials driven by FX tailwinds, AZ and LC volume growth



- Healthcare affected by Humira royalty loss, Rebif decline and higher R&D costs
- Increase in Life Science softened by significant USD cost base
- Performance Materials contains FX benefits and AZ
- Hedging losses reduce Corporate EBITDA pre

Totals may not add up due to rounding

Reported EPS benefits from higher EBIT and change Merck KGaA in financial result

[€ m]	Q2 2014	Q2 2015	Δ	Reported results
EBIT	441	501	13.7%	■ EBIT increases driven by higher EBITDA pre and AZ inventory step
Financial result	-50	-41	-18.7%	last year Tax rate in line with guidance range
Profit before tax	391	461	17.9%	23-25%
Income tax	-85	-115	35.3%	
Tax rate (%)	21.7%	24.9%		
Net income	303	343	13.2%	
EPS (€)	0.70	0.79	12.9%	

Reported EPS stable despite Sigma financing costs



[€ m]	H1 2014	H1 2015	Δ	Reported resu
EBIT	909	981	7.9%	 EBIT reflects increased and higher exceptionals
Financial result	-85	-141	-66.5%	 Financial result impacted interest expenses (hybrid
Profit before tax	824	840	1.9%	■ Tax rate in line with guidated of 23-25%
Income tax	-191	-209	9.4%	
Tax rate (%)	23.2%	24.9%		
Net income	628	625	-0.5%	
EPS (€)	1.45	1.44	-0.7%	

sults

- d EBITDA pre s last year
- ed by higher id & USD bond)
- dance range

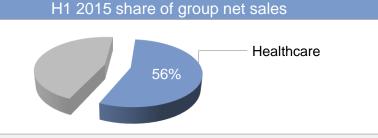
Healthcare: Investments in future growth



[€ m]			H1 2014	H1 :	2015
Net sales			3,220	3	,490
Marketing an	d selling		-1,269	-1	,390
Admin			-121		-135
R&D			-620		-706
EBIT			549		536
EBITDA			951		910
EBITDA pre			973		941
Margin (% of	sales)		30.2%	27	7.0%
	Ne	et sales br	idge		
€3,220 m	0.9%	7.5%	0.0%	€3,490 m	
H1 2014	Organic	Currency	Portfolio	H1 2015	

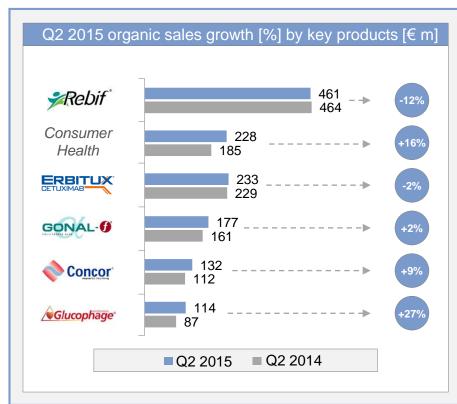
Comments

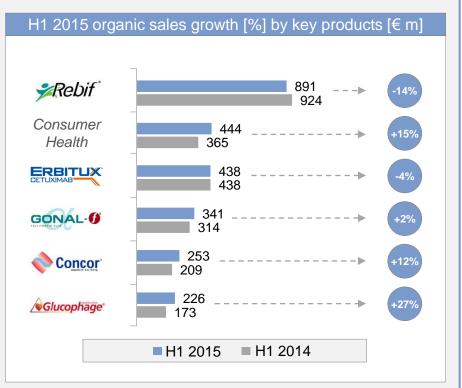
- Expected Rebif decline driven by volume losses in EU & U.S.
- Erbitux soft, mainly affected by tender phasing and mandatory EU pricing cuts as well as tough Q2 comparables
- General Medicine and Fertility remain key growth drivers
- Consumer Health with strong organic growth as new marketing concept fuels demand - especially for Neurobion in Latin America
- Investments in growth markets and FX drive higher M&S spending
- R&D reflects ramp-up of priority projects and earlier stage pipeline
- EBITDA pre and margin lower, as loss of Humira royalties, Rebif decline and investments in R&D outweigh currency tailwinds



Healthcare organic growth by franchise/product

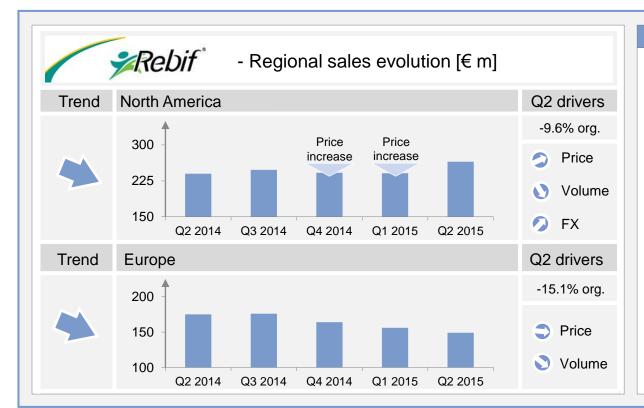






Rebif: Defending the franchise – competitive pressure in the U.S. and Europe



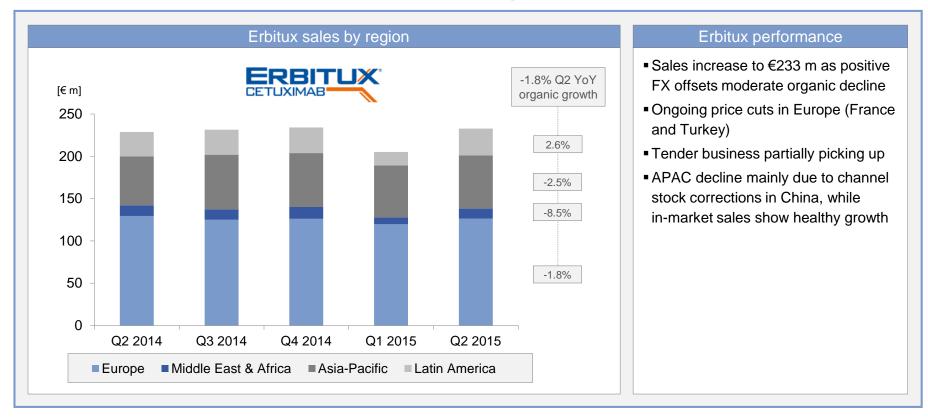


Rebif performance

- Rebif sales of €461 m in Q2 benefiting from FX tailwinds
- Organic decline of -12.0% due to lower volumes slightly mitigated by U.S. pricing
- Competition from orals main factor of U.S. and European volume decline
- Recent U.S. price increases supporting performance

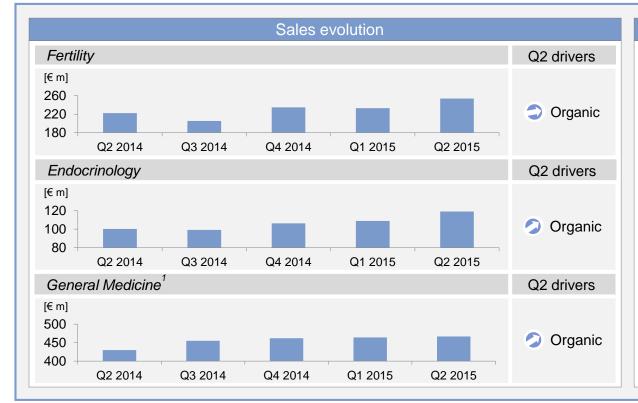
Erbitux: Challenging market environment drives moderate performance amid tough base





Strong growth in General Medicine, Fertility and Endocrinology





Q2 drivers

- Organic growth of Fertility driven by higher demand in Middle East and strong Gonal-f sales in Japan
- Endocrinology with good development of Saizen in LatAm² & Serostim in U.S. as well as for Kuvan in Europe
- Concor shows ongoing good demand in Latin America as well as Asia
- Thyroid products with strong development across all major markets
- Glucophage posts strong growth across the world, supported by low base due to supply chain issues LY
- Repatriation in Russia: Glucophage and Euthyrox growing above market

¹includes "Cardiometabolic Care & General Medicine and Others"; ²Latin America

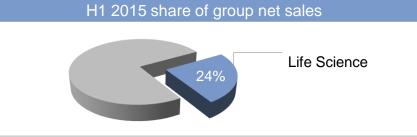
Life Science: Sound organic performance fueled by ongoing demand for Process Solution products



[€ m]			H1 2014	H1 :	2015
Net sales	Net sales			1	,511
Marketing an	d selling		-415		-477
Admin			-54		-59
R&D			-78		-94
EBIT			162		170
EBITDA	EBITDA		314	33	
EBITDA pre	BITDA pre		335		384
Margin (% of	sales)		25.5%	28	5.4%
	Ne	et sales br	idge		
€1,315 m	4.8%	10.5%	-0.4%	€1,511 m	
		1			
H1 2014	Organic	Currency	Portfolio	H1 2015	

Comments

- Process Solutions drives divisional growth mainly due to strong demand from biopharma for single-use and purification products
- Lab Solutions with moderate organic growth especially in lab water consumables and biomonitoring
- Bioscience slightly negative as good development of protein detection is offset by softness for research content products
- Ongoing investments in R&D several product launches in H1
- EBITDA pre benefits from FX tailwinds and organic growth, partially offset by investments in marketing and selling



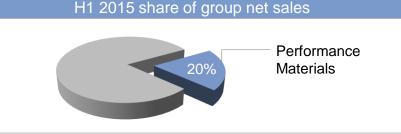
Performance Materials: Healthy trends and strong currency tailwinds drive top-line growth



[€ m]			H1 2014	H1 2	2015
Net sales			908	1.	260
Marketing an	d selling		-85		-99
Admin			-22		-32
R&D			-76		-95
EBIT			289		452
EBITDA			357		572
EBITDA pre			413		572
Margin (% of	sales)		45.5%	45	5.4%
	Ne	et sales bi	ridge		
€908 m	0.5%	15.9%	22.4%	€1,260 m	
			_		
H1 2014	Organic	Currency	Portfolio	H1 2015	

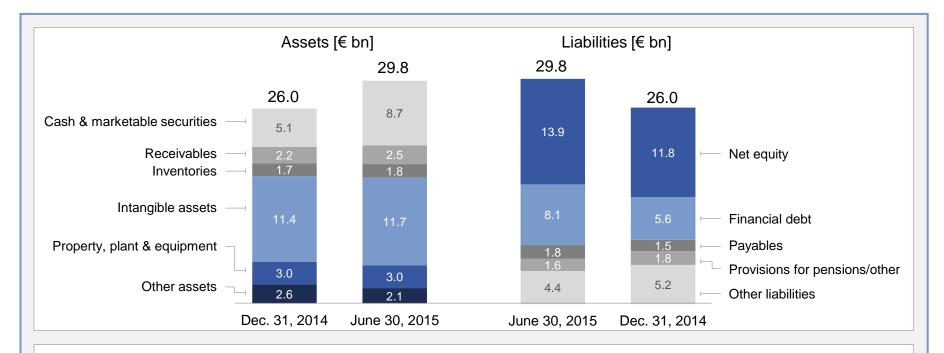
Comments

- Strong sales mainly reflect portfolio effect and FX tailwinds
- Liquid Crystals volume trends remain largest organic contributor
- Innovative UB-FFS mode main driver in LC*; ongoing demand for high-end TVs benefits flagship technologies (PS-VA & IPS)
- Pigments softer lower volumes of Functional Materials more than offset good growth of automotive coatings (Xirallic)
- Integrated Circuits supports organic performance with sound volume development especially in dielectrics and silica business
- Significant EBITDA pre increase driven by AZ, currency tailwinds and positive product mix



Balance sheet reflects Sigma financing measures





- Issuance of USD bonds in March impacts cash and debt
 - and debt Increase in cash additionally reflects gain from Sigma hedging
- FX development accounts for ~€1 bn total balance sheet increase

Underlying operating cash flow remains solid



[€ m]	Q2 2014	Q2 2015	Δ
Profit after tax	306	346	40
D&A	326	343	17
Changes in provisions	-42	-70	-28
Changes in other assets/liabilities	-150	-270	-120
Other operating activities	-10	3	13
Changes in working capital	-1	-25	-24
Operating cash flow	429	326	-103
Investing cash flow	-1,233	1,860	3,093
thereof Capex on PPE	-85	-93	-8
Financing cash flow	-855	-174	682

■ Changes in provisions reflect
payments for LY R&D terminations

Cash flow drivers

- Changes in other assets/liabilities mainly attributable to higher tax and interest payments
- Investing cash flow contains cash-in from Sigma hedging; LY reflects purchase of AZ
- Financing cash flow Q2 2014 contains payment for outstanding AZ shares

Totals may not add up due to rounding

Operating cash flow burdened by tax payment for upfront payment from Pfizer



[€ m]	H1 2014	H1 2015	Δ
Profit after tax	633	631	-2
D&A	628	669	41
Changes in provisions	-89	20	109
Changes in other assets/liabilities	-182	-501	-319
Other operating activities	-4	-18	-13
Changes in working capital	-148	-197	-49
Operating cash flow	838	605	-233
Investing cash flow	-134	2,252	2.386
thereof Capex	-142	-167	-25
Financing cash flow	-848	2,114	2,962

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- D&A increase due to AZ
- Changes in provisions reflect higher litigation provisions
- Higher tax payments and release of Pfizer accruals main drivers of changes in other assets/liabilities
- Changes in working capital driven by higher inventories due to increased business activity
- Investing cash flow contains cash-in from Sigma hedging instrument as well as sale of financial assets
- Financing cash flow includes U.S. dollar bonds and repayment of eurobond; LY reflects purchase of AZ

Exceptionals in Q2 2015



Exceptionals in EBIT				
[€ m]	Q2 2014		Q2 2015	
	Exceptionals	thereof D&A	Exceptionals	thereof D&A
Healthcare	12	3	21	2
Life Science	15	0	30	0
Performance Materials	48	0	-3	0
Corporate & Other	5	0	9	0
Total	81	3	56	2

Totals may not add up due to rounding

Exceptionals in H1 2015

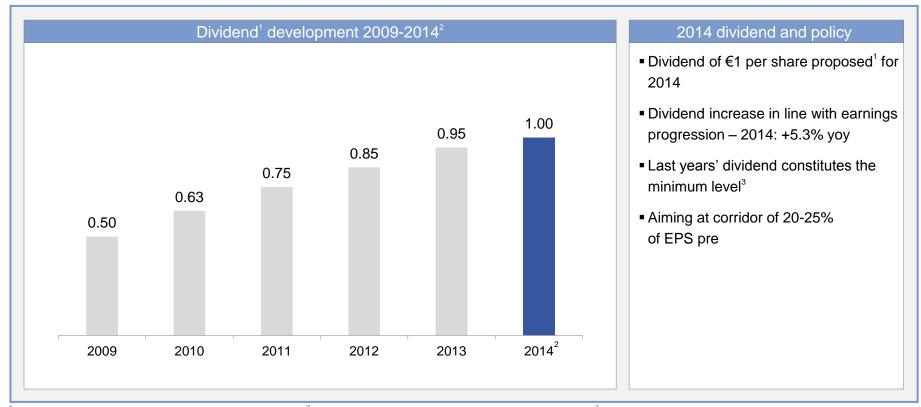


Exceptionals in EBIT				
[€ m]	H1 2014		H1 2015	
	Exceptionals	thereof D&A	Exceptionals	thereof D&A
Healthcare	26	4	32	2
Life Science	21	0	50	0
Performance Materials	56	0	0	0
Corporate & Other	16	0	21	0
Total	119	4	104	2

Totals may not add up due to rounding

Sustainable dividend development

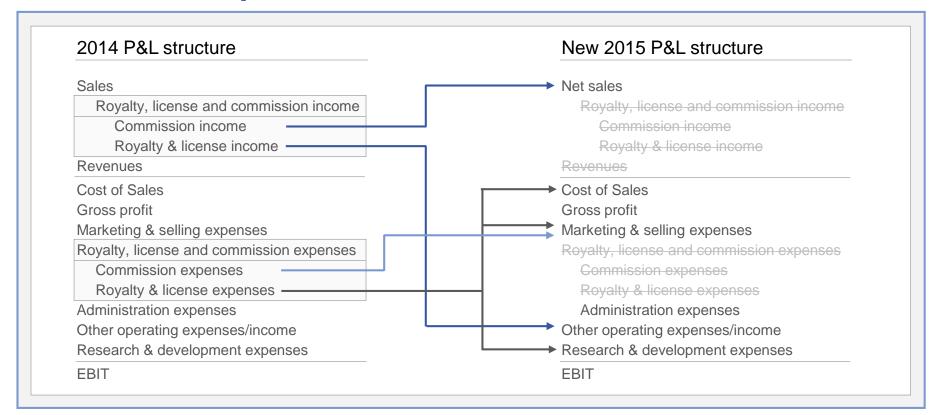




Adjusted for share split, which has been effective since June 30, 2014; Proposal; final decision subject to Annual General Meeting approval; Assuming a stable economic environment

New allocation of royalty, license and commission income and expenses





Financial calendar



Date	Event
November 12, 2015	Q3 2015 Earnings release
March 8, 2016	Q4 2015 Earnings release
April 29, 2016	Annual General Meeting
May 19, 2016	Q1 2016 Earnings release



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