Science for a Better Life

A Global Leader in Health & Nutrition

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Bayer Investment Case

Wolfgang Nickl, Chief Financial Officer

Dr. Jost Reinhard, EVP & Head of Investor Relations









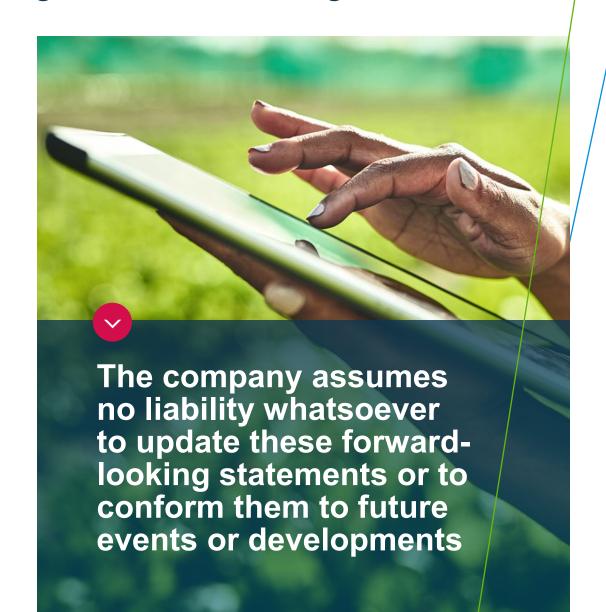
Cautionary Statements Regarding Forward-Looking Information



This presentation may contain forward-looking statements based on current assumptions and forecasts made by Bayer management

Various known and unknown risks, uncertainties and other factors could lead to material differences between the actual future results, financial situation, development or performance of the company and the estimates given here. These factors include those discussed in Bayer's public reports which are available on the Bayer website

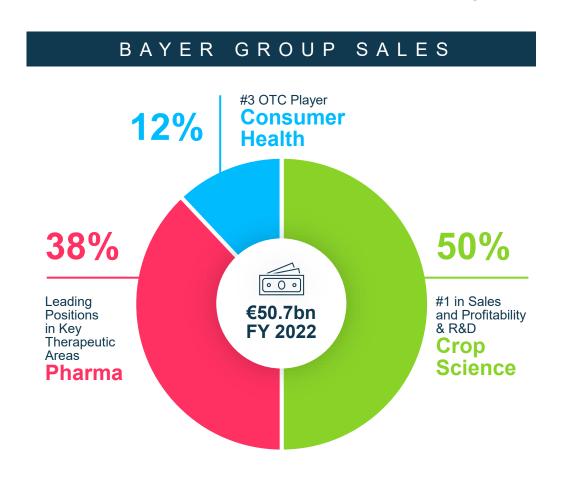
► WWW.BAYER.COM





Bayer: A Global Leader in Health and Nutrition

Well Positioned to Create Value in Growing Markets using Science to Address Societal Megatrends





¹Source: Company Estimates, >€200bn market opportunity by 2030 includes global Ag input market + related adjacencies

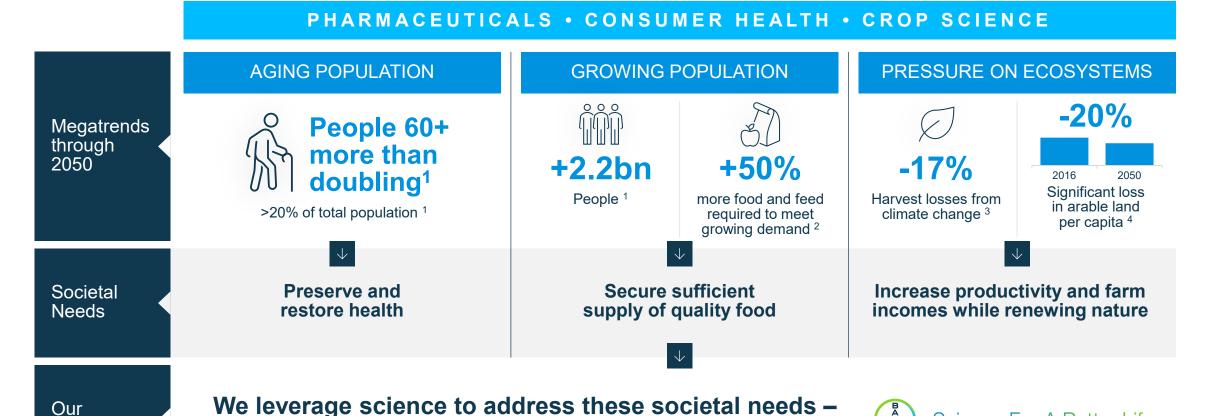
²Source: IQVIA Market Prognosis as of September 2022

³Source: Nicholas Hall



Global Megatrends in Health & Nutrition

Attractive Macro Drivers of Our Strategy and Underpin the Need for Innovation



Science For A Better Life

with the ultimate goal to improve people's lives

Mission

¹ UNDESA 2017 (United Nations Department of Economic and Social Affairs, Population Division (2017). World Population Prospects: The 2017 Revision)

² FAO 2017, (FAO Global Perspective Studies)

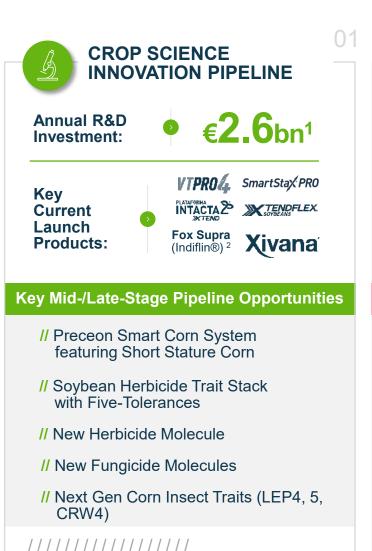
³ Nelson et. al. (2014): FAO 2016 "Climate change and food security"

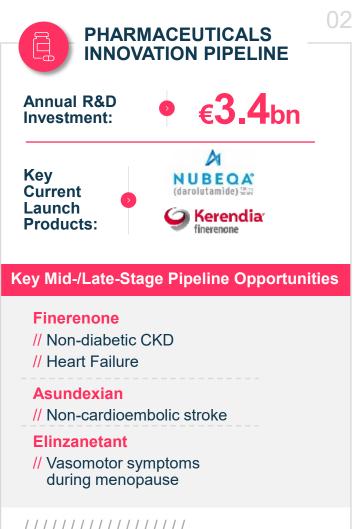
⁴ FAOSTAT (accessed Oct 30, 2018) for 1961-2016 data on land, FAO 2012 for 2030 and 2050 data on land, and UNDEDA 2017: World Population Prospects for world population data



Leadership and Innovation Set the Course for Our Future Growth







Note: Subject to regulatory approvals and pending registrations. Represents a subset of the pipeline; 1R&D expenses exclude special items 2 In collaboration with Sumitomo



Acting on Three Priorities





- // Leadership and org changes
- // Scaling new system across Bayer
- // All three divisions redesigning commercial models



Advancing Leading Innovation

- Strong momentum in pipeline and launch assets
- Product-centric R&D model for faster, more productive innovation



- Strengthening Performance
- Supervisory Board proposing changes to Board of Management long-term incentives (for 2024 AGM approval)
- **# Evaluating structural options**



Advancing Our Strategic Review

? Analyzing★ Removed from consideration✓ Implementing

Option Space

- Separation of CS
- Separation of CH
- Maintaining Three Divisions
- Sequential Three-Way Break-Up
- ★ Simultaneous Three-Way Break-Up
- Operating Model System Change
 - X Traditional Restructuring

Assessment Criteria

- Value creation
 - // One-time costs & dissynergies
 - // Tax leakage
 - // Cash flow / leverage
 - // Operational effectiveness
 - // Customer value perception
 - // Innovation acceleration
- // Speed of execution
- **// Execution certainty**
- // Maintaining optionality



- Implementing system change to return Bayer to value creation, maintaining optionality
- Continuing structural evaluation, with external advisors and clear assessment criteria

Structure



Dynamic Shared Ownership

What is it?

- // Radical realignment from hierarchical departments and internal focus to customer and products
- // Transfer of decision-making from top management to the people doing the work
- // Acceleration of progress through rapid cycles and doing rather than planning

How do you do it?

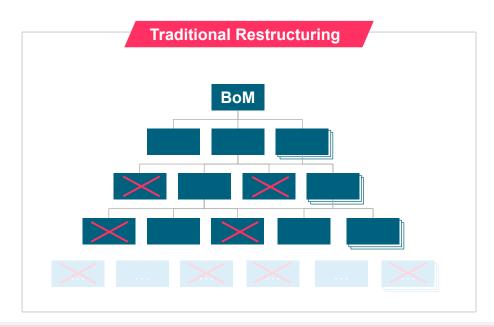
- # Everyone working in small teams with customer / product focus, working in 90-day cycles and success ownership as well as accountability
- Every process, role, activity assessed, transformed, replaced or removed
- Significant reduction in management and coordination roles

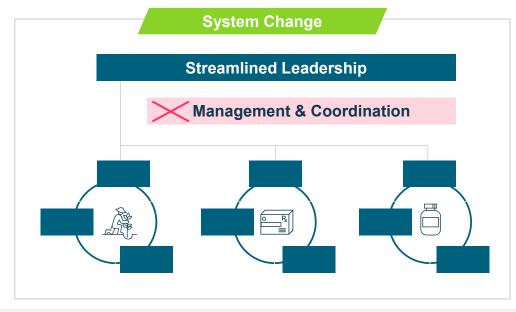
What does it deliver?

- // Doubling of speed in customer response, science and product innovation as well as manufacturing improvement.
- // Major and lasting reduction
 in cost
- Better quality and compliance
- // More fulfilled and committed workforce



Fundamental System Change versus Traditional Restructuring





Org. Principle	Hierarchical bureaucracy	
Change	Eliminates jobs, not work, often at operational level	
Savings	Delivers temporary savings	
Performance	Not performance-focused	

Customer- and product-centered

Remove oversight and coordination – team decides

Sustainable gains via speed elimination of work

Entrepreneurial workforce delivering continued improvement



Investment Thesis

Key Takeaways

- 01
- We are a global leader in Health & Nutrition that addresses societal megatrends
- 02
- We are well-positioned to shape regenerative agriculture
- 03
- We expect to translate innovation into profitable mid-term growth
- 04
- We expect to improve our profitability by accelerating our transformation
- 05
- We have disciplined capital allocation priorities: delever, pay dividends and invest
- 06
- We have integrated sustainability in our business strategy and incentive systems



Science for a Better Life

Shaping the Future of Regenerative Agriculture

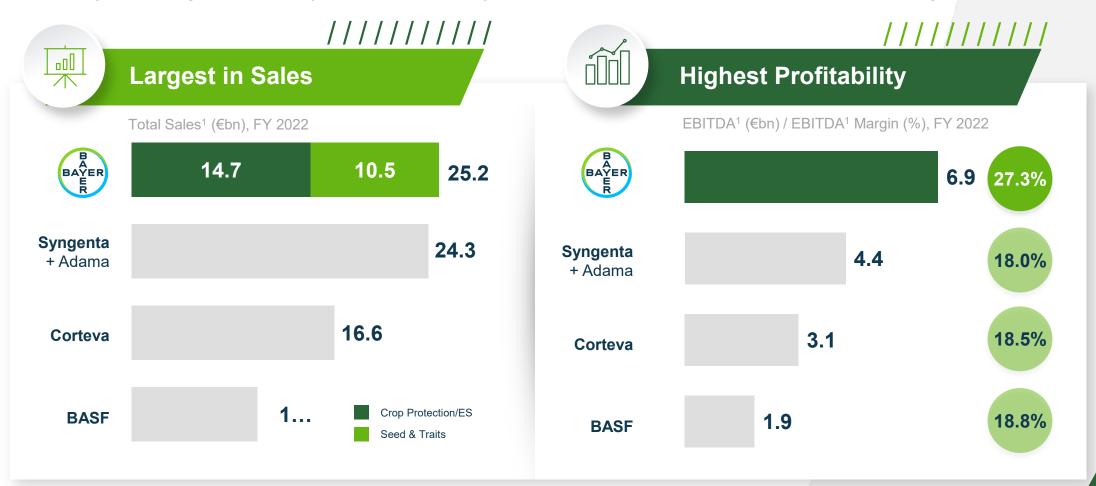
01 /////////





The Established Leader in Crop Science

Industry Leading Profitability underpinned by ~€2.6bn in Annual Seed & Trait Licensing Revenue

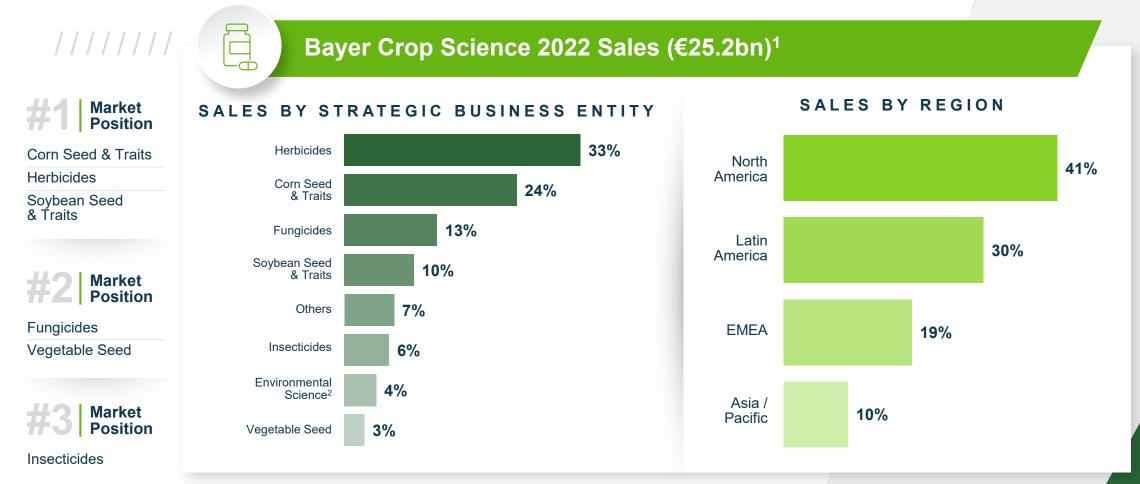


¹ Company information; exchange rate: FY 2022 ~1.05 USD/EUR. EBITDA before special items; Representing the legacy Syngenta AG results plus Adama



Growers Worldwide Recognize the Value We Deliver

#1 in Seed & Traits with Leading Crop Protection Portfolio in €100bn Global Ag Input Market



Note: Market Position determined annually, as of Q1-2023

¹ Company information; exchange rate: FY 2022: ~1.05 USD/EUR.

² Environmental Science Divestiture - October 2022



Lead

with Regenerative Ag Solutions



Our Strategic Priorities



Maintain Leadership positions in our core markets



Shape Regenerative Ag by investing to increase food production, farm incomes and resilience in a changing climate, while renewing nature



Digitally Enable Our Sales to offer full crop system solutions, creating an outstanding customer experience



Invest in innovation to Win in new markets





Innovative, Sustainable Solutions to Address Global Challenges

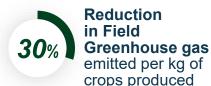
Global Challenges:

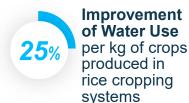


Climate Change Sustainable Energy Sources **Growing Population Increasing Protein** Demand

Our Sustainability Goals:







Empowering 100m smallholder farmers by 2030, to become more productive and profitable

Our Solutions:

- · Novel small molecules and biological solutions with reduced environmental impact
- Short stature corn to unlock additional yield potential by optimizing crop inputs





- Digital tools for carbon sequestration measurement, precise input application
- Next-gen herbicide tolerant traits to enable no-till/ conservation tillage systems
- Covercress cover crops





- · High-performing rice seed
- Digital precision farming
- Innovative crop protection solutions for weed control in lieu of field flooding



- Arize dry-seeded rice varieties and hybrids
- Better Life Farming
- FarmRise Mobile App
- Food Value Chain Partnerships and BayGAP





Building the Farm of the Future with €2.6bn Annual R&D Investment



16



R&D Investment Powers Pipeline with >€30bn Peak Sales Potential

~50% of Peak Sales Incremental to Current Annual Sales



- Hybrid Wheat, ~€700m
- Digital Platforms, HortiView
- ▶ 100's of cotton varieties, 1000's of vegetable varieties/hybrids, canola hybrids and rice hybrids

Insecticides

- Plenexos Insecticide, ~€500m
- Various LCM projects (formulations and mixtures)
- Digital Farming Solutions Franchise Value

Fungicides

- Next generation Fungicide Small Molecules, >€1.2bn
- Various LCM projects (formulations and mixtures)
- Digital Farming Solutions Franchise Value

Herbicides

- New Herbicide Small Molecule, >€750m
- Various LCM projects (formulations and mixtures)
- Digital Farming Solutions Franchise Value



by Sales Reporting SBE

Corn S&T

- ▶ Preceon Smart Corn System, >€1.5bn globally
- Next Gen Corn Insect Traits (LEP4, 5, CRW4), >€1bn
- ◆ 5th Generation Herbicide Tolerance in Corn
- > 1000's of new corn hybrids
- Digital Farming Solutions Franchise Value

Soy S&T

- y 4th and 5th Gen Herbicide Tolerance Trait in Soybeans, >€1bn
- > 3rd and 4th Gen Insect Protection Trait in Soybeans, >€800m
- 1000's of new soybean varieties
 Digital Farming Solutions Franchise Value

In €bn

Upside Opportunities:

- Direct Seeded Rice
- Corn Biotech Traits in new markets in Asia & Africa
- New Herbicide Small Molecule, over-the-top label
- Carbon Farming
- > ~€1.5bn Biologicals Sales Ambition

Phasing of €30bn PSP¹: **30**% by 2032, **80**% by 2037

¹Represents non-risk adjusted estimated peak sales for the combined breeding, biotech, crop protection and environmental science pipelines, as well as new business models and new value areas. Note that products are excluded from the pipeline PSP typically the year following launch. Projects listed are only a subset of the pipeline.

SBE = Strategic Business Entity; LCM = Life Cycle Management; PSP = Peak sales potential

² "Other SBE" category includes seeds and traits, such as cotton, canola, wheat, OSR, rice, vegetable seeds and sugarbeets, plus digital platforms



Convergence of Leading R&D Platforms to Unlock Next Layer of Value Creation in Agriculture



- Leading germplasm libraries paired with advanced breeding and data science technology application
 - >3,500 unique field-testing locations
 - >500 deployments in 2022:
 - >250 in corn
 - ~150 in soybeans
 - >90 in vegetables
 - >10 in cotton

- Leading protein optimization technology with extensive protein libraries
- First-ever biotech trait for piercing and sucking insect protection
 - >65 traits products in 27 years reaching ~300m acres annually
 - ~3bn datapoints generated by Precision Genomics team to deliver biotech traits and accelerate genetic gain
 - 12 next-gen. traits in development

- > Strong discovery platform for molecules with new modes-of-action and differentiated profiles
 - 100% Novel Mode of Action in early discovery
 - **30-60** molecules selected for field trials per year

Expect ~90-100 new formulations to launch in the next decade

Launched 15 new actives in past 15 years

- Open Innovation Mode to deliver innovative and sustainable solutionsto growers
 - >40 assets under evaluation for new collaborations or in-licensing
 - >1,300 trials
 in 46 countries in 2022
 - 2 Multi-year strategic partnerships with Ginkgo Bioworks and Kimitec
 - >60m acres in row crops, plus additional high value horticulture and vegetables acres

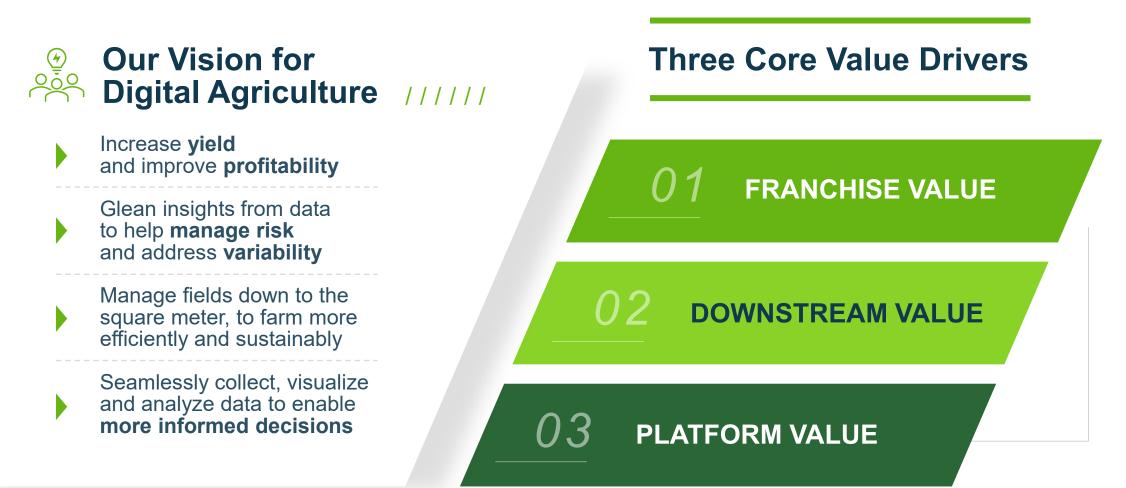
- database
 of grower and field
 trial seed performance
 data in the industry
 - >115bn

data points of product performance under real-world farmer management practices

>220m subscribed acres across 23 countries



Digital Farming Brings Transformational Solutions While Driving Significant Franchise Value and Opportunities Downstream and in Value Chain





More than Doubling Our Accessible Market by Driving Productivity and Sustainability Together to Unlock Adjacent Spaces



¹ Company estimates



Science for a Better Life

Pharmaceuticals:
Driving Continued
Long-term Growth

02 ////////





Bayer Holds Strong Positions In Areas Of High Unmet Medical Needs, Generating Attractive Returns

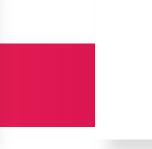


¹ As reported in the respective fiscal years



Bayer Pharma's Strategic Agenda











Drive continued sales momentum and ensure blockbuster potential of Nubega and Kerendia

Maximize the full commercial value of the current portfolio, notably Eylea and Radiology

Continued shift of resources

towards launch brands and assets with high innovation potential

> **Stringent cost** management

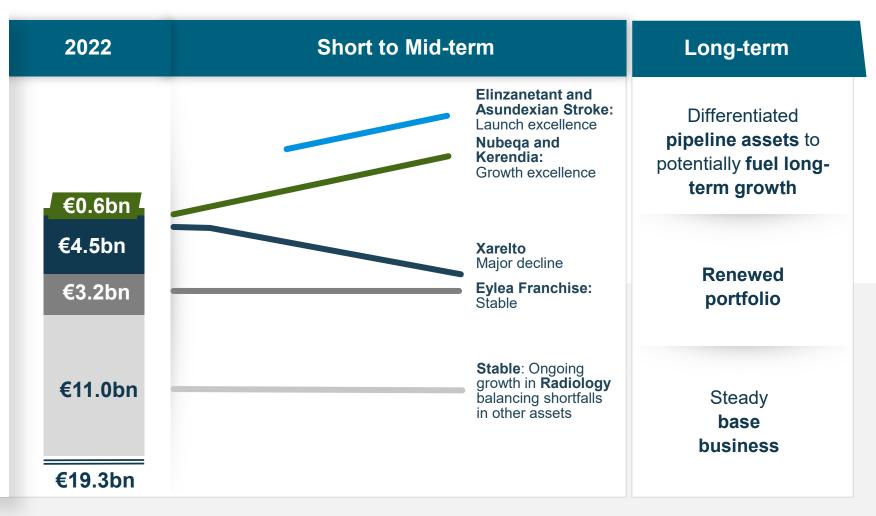
Progress late-stage pipeline

Replenishment of early pipeline with increased contributions from platform companies



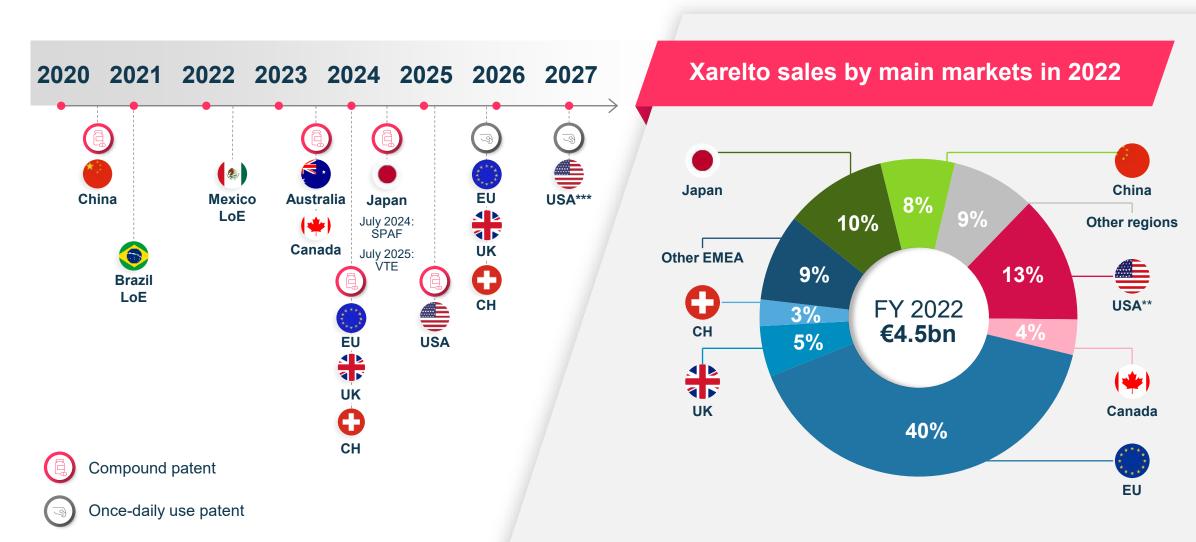
Solid underlying business momentum: New launches to largely compensate for Loss of Exclusivity







Xarelto's Main Patent Expirations* and Losses of Exclusivity (LoE)

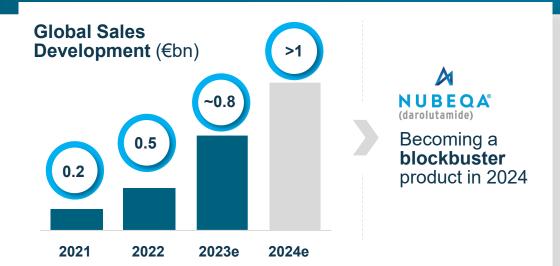


^{*} Additional IP rights with later expiration dates exist in some countries; ** Bayer royalty income; *** Gx entry on once-daily patent



Nubeqa Continues to Show Strong Uptake; Potential to Become a Blockbuster product in 2024

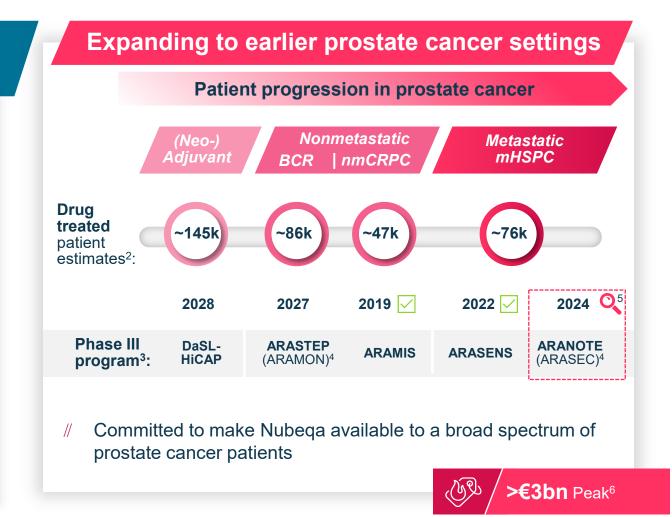
Sales Development



Nubeqa continues to be the fastest growing ARI¹ in the US

Ex-US, additional approvals driving further growth

Readout of Phase III study ARANOTE in mHSPC² in 2024



¹ ARI: Androgen Receptor Inhibitor ² mHSPC: metastatic hormone sensitive prostate cancer ³ Stated timelines of the Phase III program refer to either launch dates of Nubeqa in this indication (ARAMIS, ARASENS) or estimated primary completion date of the respective study ⁴ Not label generating; supports ARASTEP/ARANOTE submission ⁵ Next expected Read-out ⁶ Peak Sales Potential



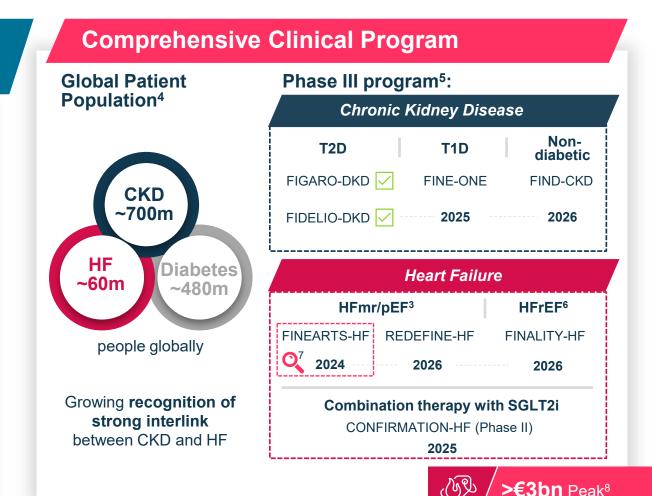
Kerendia Offers Potential to Become Foundational Treatment For All Patients with Kidney Disease or Heart Failure

Sales Development



Kerendia outperforming NBRx market growth in the US1

Extension of clinical program in CKD² and Heart Failure
Readout of Phase III study FINEARTS-HF in HFmr/pEF³ in 2024



¹ US Market includes NBRx linked to T2D and CKD ² CKD: Chronic Kidney Disease ³ HFmr/pEF: Heart Failure with mildly reduced / preserved ejection fraction, LVEF ≥40% ⁴ Source: Vijay et al, 2021 ⁵ Timelines of the Phase III program refer to estimated primary completion dates of the respective study ⁶ LVEF <40% ⁷ Next expected Read-out ⁸ Peak Sales Potential



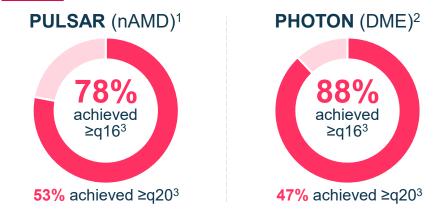
Unprecedented Eylea 8mg Data Reinforce Leading Clinical Profile of Eylea



- // Maintaining strong
 market leadership
 as the #1 anti-VEGF
 treatment
- // Eylea 2mg (Aflibercept 2mg) is the standard of care in retinal diseases
- // Demographic trends expected to drive future category growth

Eylea 8mg: Key Phase III data

Patient proportion achieving last assigned intervals ≥4 months at 96 week



Mean # of injections through week 964

	nAMD ¹	DME ²	
Eylea 2mg (Q8W) ⁵	13	14	
Eylea 8mg (Q16W)	8	8	

Promising Future

- // Unprecedented durability with only 3 loading doses and as few as
 - 8 injections over 2 years
- // Comparable efficacy and safety compared to Eylea 2mg
- # Eylea 8mg approval in Europe received in January 2024
- # Eylea 8mg is the only drug that is approved for extended treatment intervals of up to 5 months for patients with nAMD and DME



DME: diabetic macular edema; nAMD: neovascular age-related macular degeneration

¹ Source: https://www.bayer.com/media/en-us/aflibercept-8-mg-first-to-achieve-sustained-vision-gains-with-more-than-70-of-patients-extended-to-intervals-between-16-and-24-weeks-in-wet-age-related-macular-degeneration-at-two-years/ ² Source: https://www.bayer.com/media/en-us/aflibercept-8-mg-in-diabetic-macular-degeneration-at-two-years/ ³ Fixed dose arm without potential to be extended



Elinzanetant: Both Pivotal Phase III Studies From OASIS Program Met All Primary And Key Secondary Endpoints

Elinzanetant: Non-hormonal, oral, first dual neurokinin-1,3 receptor antagonist

Comprehensive clinical development program



SIS 2 OASIS 3

26 Week

y

VMS: 52 Week
Safety/Efficacy
Study

OASIS 4

iVMS¹ due to breast cancer therapy

NIRVANA

Ph II, Sleep Disturbance associated with menopause



Q1 2024

2025

2025

All primary and key secondary endpoints met

Moderate to severe hot flashes

- **//** Reduction in frequency
- **//** Reduction in severity
- // Effect already at week 1

Menopause-related sleep and quality of life

- // Improvement of sleep disturbance
- // Improvement of quality of life

Next Milestone:

- // Readout of OASIS-3 in Q1 2024
- // Regulatory submission will be based on OASIS1-3 study results

¹ Induced Vasomotor Symptoms



Elinzanetant as Investigational Non-hormonal Treatment Option in The Menopause with Blockbuster Potential

Menopause Market

Multiple symptoms during menopause¹



Hot flashes

~80%

of women will experience vasomotor symptoms



Sleep disturbance

~60%

of women will experience sleep disturbance

Market opportunity (US)

64M women impacted by menopause²

1.3M women entering menopause transition annually²

2/3 of women not choosing hormone therapy³

Commercialization

- // Potential to address most common and disruptive symptoms during menopause such as hot flashes and sleep disturbances
- High unmet need as many women experiencing symptoms associated with menopause remain untreated
- // Opportunity to leverage leading global footprint in Women's Health for fast penetration in key markets
- // Potential launch: 2025

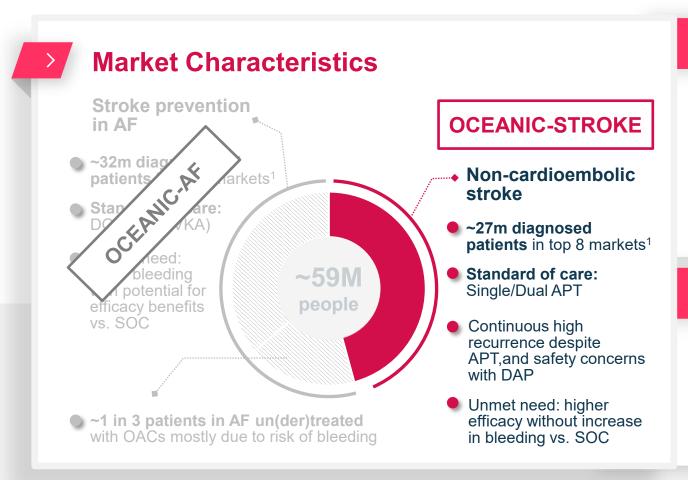


Source: Market Research - IPSOS - Global VMS Women Segmentation ² Source: NIH. https://www.ncbi.nlm.nih.gov/books/NBK507826 ³ Source: Project Heat Market Research, 2018 SHA VMS Prescriber analysis

⁴ Peak Sales Potentia



Asundexian Targeting a High Unmet Need: Uncoupling Prevention of Non-cardioembolic Strokes from Increased Risk of Bleeding



Asundexian

- // Innovative, once-daily, oral small molecule FXIa inhibitor
- // Paradigm shift in thrombosis prevention, with the potential to uncouple efficacy from bleeding risk
- # Broad Phase II study program PACIFIC confirmed consistent safety and near maximum FXIa inhibition

Current Status

- // Phase III study OCANIC-STROKE ongoing
- **U.S. FDA Fast Track Designation** granted
- // Data expected in H2 2025

¹ Top 8 markets: US, CN, JP, EU5 ² Adjusted Peak Sales Potential following the early stop of OCEANIC-AF due to lack of efficacy



A Focused R&D Strategy to Deliver an Innovative, Differentiated and Sustainable Pipeline



> Our focus



Core Therapeutic Areas

// Oncology

// Neurology & Rare Diseases

// Cardiovascular+

// Immunology



Modalities

Small molecules, Protein Therapeutics, Radiotherapy, Chemoproteomics, Cell Therapy, Genetic medicine



AskBio, BlueRock, Vividion

> Our priorities

Science & Portfolio

Productivity

- // Launch elinzanetant and asundexian in secondary stroke prevention
- // Progress and accelerate high-value assets
- // Focused investments in BD&L
- // Maximize impact from platform companies
- // Unlock full potential of precision medicine

- // Excellence in execution to generate more value and improve capital efficiency in R&D
- // Shift to asset-centric operating model
- // Increase agility and dynamic resource allocation
- // Accelerate data science & Al across R&D value chain



Executing on New R&D Priorities to Build a Highly Differentiated Pipeline for Long-Term Growth Focusing on High Unmet Need

Research focus in four areas based on

// Value & differentiation

// Feasibility & risk

// Leading capabilities







Cardiovascular+1



Neurology & Rare Diseases



Immunology





Pruned pipeline by more than 40% to focus on the most valuable assets



Shift to **breakthrough innovation**: NMEs with FIC / BIC potential focusing on high unmet need



Acquired platforms creating significant impact:

~40% of current Phase I assets coming from platform technologies



Broadened range of modalities:

Currently 60% of Phase I assets are new modalities vs <20% two years ago²

¹ including Precision Cardiovascular, Nephrology & Acute Care 2 Portfolio November: 40% of SMOLs (in Phase I) vs Portfolio 2021: >80% of SMOLs (in Phase I)



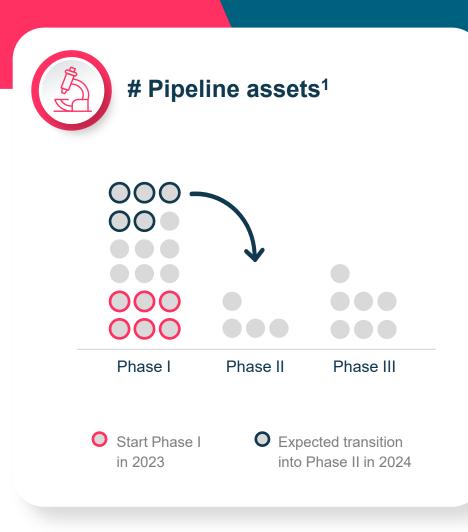
Replenishment of Early Pipeline in Full Swing; Numerous First-In-Class Pipeline Candidates to Potentially Transition into Phase II

Feeding from Research into Phase I

Advanced 6 new INDs into Phase I in 2023 (vs. ~4/year between 2020-2022)

Selected examples:

- VVD Keap1 Act (Advanced solid tumors) First Phase I asset from Vividion's chemoproteomics platform
- PSMA-TAC Cancer (Advanced Prostate Cancer) FIC/BIC opportunity in targeted radiotherapies



Rejuvenate mid- / late-stage pipeline with several potential blockbuster assets

Expected transitions to mid- and late-stage pipeline in 2024:

Selected examples:

Bemdaneprocel
(Parkinson's Disease)
PSC-derived dopaminergic cell
therapy with positive data in
Parkinson's Disease;
FIC potential

Anti-Alpha2-Antiplasmin mAB
(Ischemic Stroke)

Effective thrombolytic with no increase in bleeding risk;

FIC potential

¹ Pipeline status as of Dec 19, 2023



Several Pipeline Milestones Expected in Upcoming Quarters

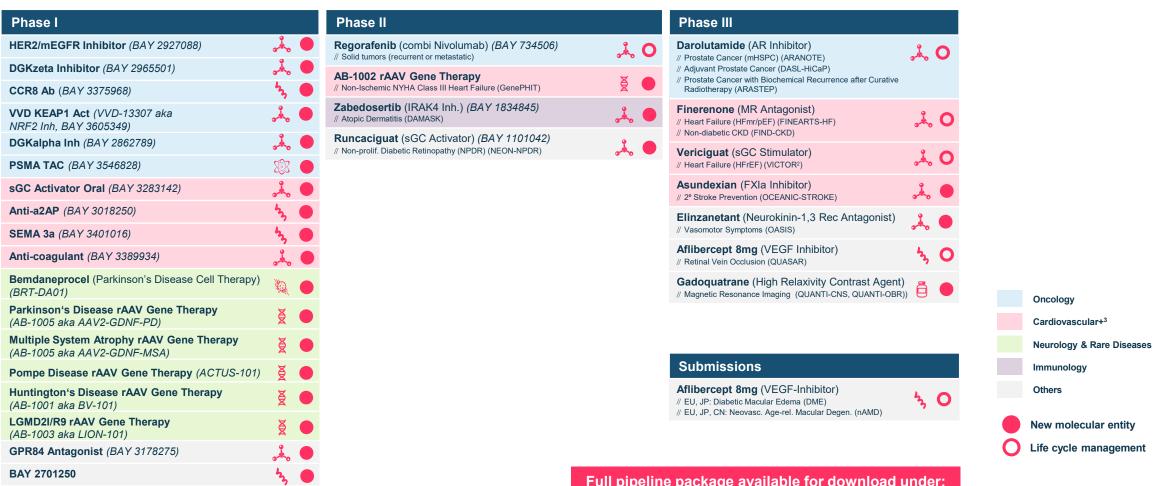
Major R&D Milestones

_	Phase I	Phase II	Phase III	Submission / Approval
	>>> PSMA SMOL-TAC: Start Phase I	Anti-a2 AP Thrombolysis : Start Phase IIa (SIRIUS)	Elinzanetant VMS: Primary compl. Phase III (OASIS program) ²	
	>>> VVD STAT3 Inh: Start Phase I	Cong. HF rAAV Gene Therapy: Start Phase II		✓ Eylea 8 mg nAMD/DME First major approval
		PD rAAV Gene Therapy: Start Phase II	Darolutamide/ADT mHSPC: Primary compl. phase III (ARANOTE)	
HY1 2024e ¹		Runcaciguat NPDR: Primary compl. Phase Ila	Finerenone CKD in T1D: Start Phase III (FINE-ONE)	
		Bemdaneprocel PD: Start Phase II	Finerenone HFmr/pEF: Primary compl. phase III (FINEARTS-HF)	
HY2	SOS1 inh: Start Phase I	SGC Activator oral CKD: Start Phase IIb	Gadoquatrane: Prim.complet. phase III (QUANTI-CNS/-OBR)	Primary Completion
2024e	Sema3A mAB: Primary compl. Phase I		Aflibercept RVO: 8 mg Primary compl. Phase III (QUASAR)	Phase transition (FPFV) New LCM
			HER2/mEGFR Inhibitor: Start phase III	✓ First Submission / Approval Oncology
	_			Cardiovascular+ ³ Neurology & Rare Diseases
1 R	emaining HY1 after January 8^{th} 2 OASIS-1, -2 and -3 primary con	mpletion achieved OASIS-4 expected H1 2024 3 Including Preci	ision Cardiovascular Nephrology & Acute Care	Immunology Others

Remaining HY1 after January 8th 2 OASIS-1, -2 and -3 primary completion achieved, OASIS-4 expected H1 2024 3 Including Precision Cardiovascular, Nephrology & Acute Care



Pharmaceuticals – Pipeline Overview¹ (as of Dec 19, 2023)



Full pipeline package available for download under: https:\//www.bayer.com/en/pharma/development-pipeline











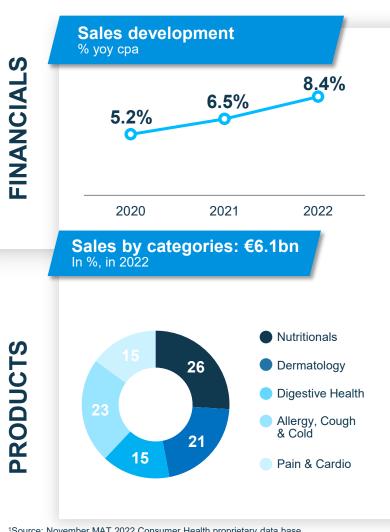
¹ Bayer and partner sponsored + 3rd party label enabling studies with first patient first visit 2 Conducted by Merck & Co 3 Including Precision Cardiovascular, Nephrology & Acute Care

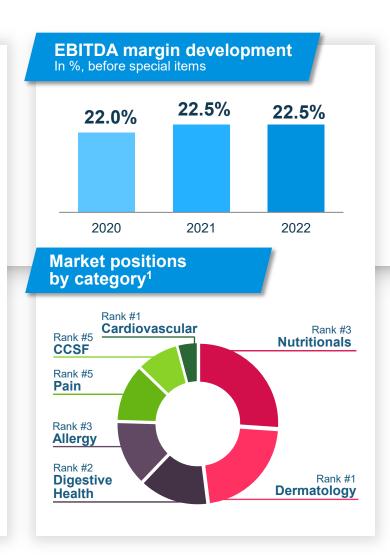






Consumer Health: A Leading Global OTC Player





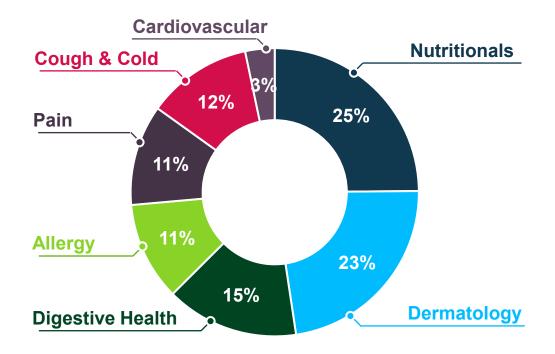


¹Source: November MAT 2022 Consumer Health proprietary data base

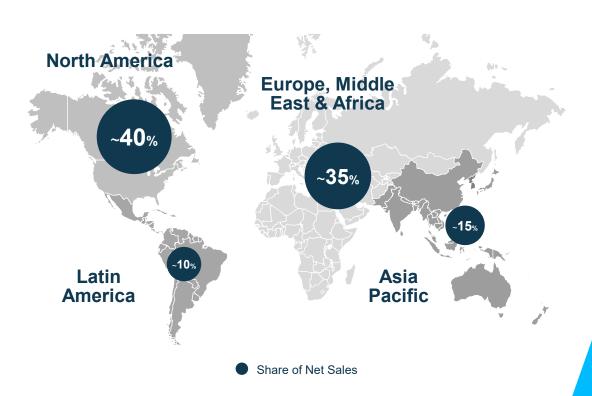


A leading Consumer Health Player with a Well-Balanced Portfolio

Category Portfolio



Geographic Footprint



Sources: Bayer CH Portfolio - Company BD, IQVIA, IRI, & Nielsen, May MAT 2022; Bayer Geographic Footprint - Net Sales 2021



Key levers to sustain above-market growth

Attractive Demand Spaces

High-growth Markets

Rx-to-OTC Switches

Digital Commerce & Health Platforms







FILL
PRESCRIPTION
STRENGTH

24 HOUR
RELIEF OF

Nasia Congestion

Runny nose

Sneezing

Itchy nose

ASTEPF
ALLERGY

Children
ASTEPROALLERGY

amazon

Hyaluron+ Collagen

amazon Walmart.com



ada

- // Premium Nutritionals
- // Healthy Aging
- // Stress and Sleep
- // Medicated Skin

- // China
- // India
- // Mexico
- // ASEAN

- // Astepro
- // Switch #2
- // Switch #3

- // eCommerce
- // Digital Diagnostics
- // Digital Therapeutics

Driving Sustainable Outperformance in Consumer Health



- > Clear strategy to sustain outperformance
- > Track record of execution excellence
- > Attractive growth profile and cash flow generation





Science for a Better Life

Sustainability





Sustainability is Integral to Our Values, Strategy and Operations

We Intend to Create Bold Impact and Generate Sustainable Business Opportunities





Ambitious Measurable Targets for Sustainable Development

Our 2030 Targets positively contribute to today's pressing challenges

Decrease ECOLOGICAL footprint



- 42% reduction target¹ for Scope 1 & 2 500m € CapEx for emission reduction 50m-200m € OpEx for offsetting projects
- 2 12.3% reduction target² for Scope 3
- Net Zero emission target until 2050 in line with Paris
 Agreement (Scope 1, 2 & 3)
 - Water strategy addressing our own operations and up-/downstream activities

CS: -30% greenhouse gas emissions in key agricultural crops in main regions; -30% environmental impact of our crop protection products

CH: Transition all Consumer Health products to 100% recyclable or reusable packaging



Help more PEOPLE thrive







Achieve gender parity at each individual managerial level

PH: Increase availability and affordability of our innovative pharma products in LMICs³

¹ By 2029 from a 2019 base year is in line with limiting global warming to 1.5 C°

² By 2029 from a 2019 base year is in line with limiting global warming to below 2 C°





Full Year Outlook Confirmed

in€	FY 2023e at constant currencies ¹	Estimated FX Impact ²
Net Sales	48.5bn – 49.5bn	-1.7bn
EBITDA (before special items)	11.3bn – 11.8bn	-0.2bn
Core EPS	6.20 - 6.40	
Free Cash Flow	~ 0bn	not material
Net Financial Debt	~ 36bn	

Key Assumptions

- Updated estimated FX impact on EBITDA before special items, effect on other KPIs not material
- Robust business performance and cash generation in Crop Science anticipated for Q4
- Strong focus on working capital management across the businesses



FY Outlook: Divisions



Crop Science





Sales Growth 2023e

cpa ¹

EBITDA Margin 2023e

before special items ¹

~ -5%

~ 21%

~ 0%

~ 28%

~ +5%

~ 23%



FY Outlook: Other Group KPIs

in €	FY 2023e at constant currencies ¹
Special Items (EBITDA)	~ - €1.0bn
Core Depreciation	~ - €1.6bn
Core Financial Result	~ - €1.9bn
Core Tax Rate	~ 23%
Reconciliation ³ (cEBITDA)	~ - €0.5bn

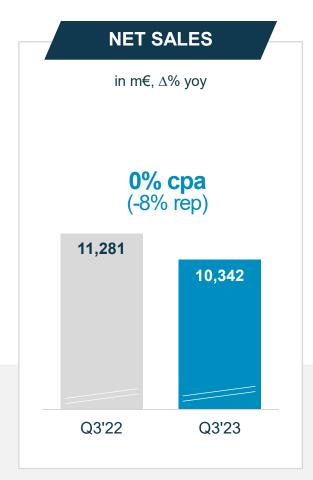
Key Assumptions

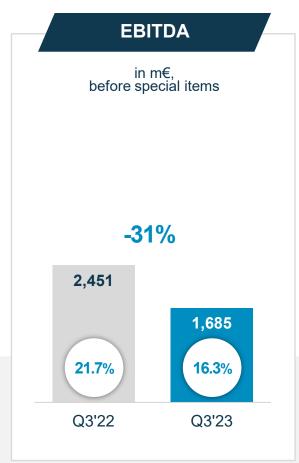
- Special items (EBITDA) primarily driven by ongoing restructuring programs
- Core depreciation: Formerly guided for "as depreciation and amortization (clean)" (2023e: €4.0bn) and "of which for intangible assets (clean) (2023e: €2.4bn)"
- Reconciliation (cEBITDA) includes catch ups in long-term incentive provisions based on assumed share price of now about €45.45 at year-end
- No material FX effect based on latest estimate ²

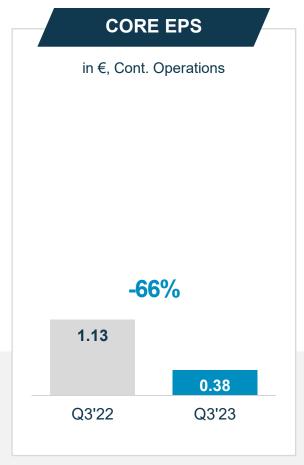


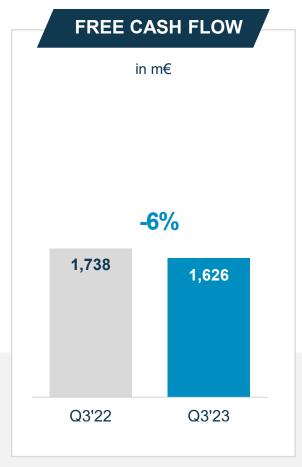
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Q3 Below Prior Year As Expected









- Currency headwind of **€742m**
- Mainly lower Crop Science result

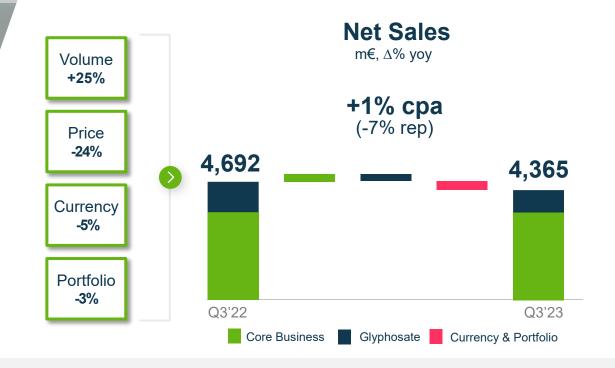
- Driven by lower earnings; higher core tax rate
- In line with business seasonality and our expectations



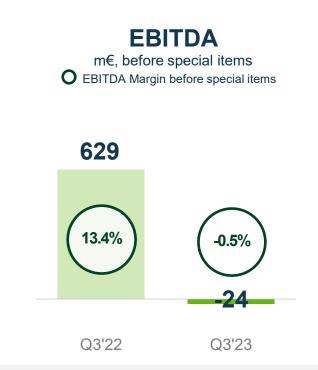
Q3: Crop Science Core Business Growth of 9% Exceeding Glyphosate Decline



Crop Science Q3 2023



- Core Business +9% with +7% price and +2% volume upside, driven by double digit percentage growth in corn, soybeans and fungicides
- Glyphosate-based herbicides sales -23% as volume recovery only partly offset price decline



- Glyphosate pricing decline, inflation and higher-cost inventory weigh on earnings
- Strong pricing in core business, currency tailwinds, lower incentives and ongoing efficiencies partially compensate



Q3: Corn S&T, Fungicides and Soybean S&T Compensate for Glyphosate Decline

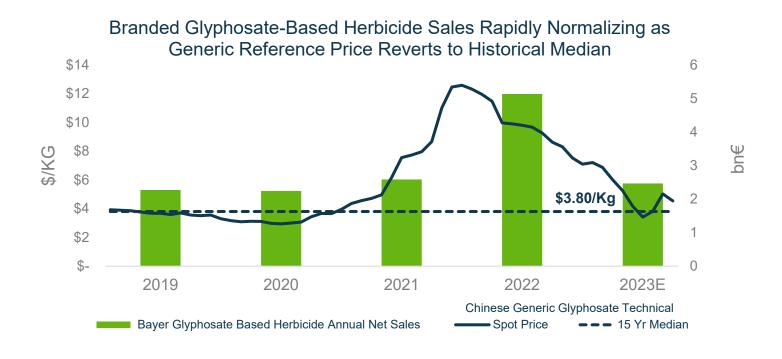


- Corn S&T: strong double-digit growth across all regions driven by price, particularly in LATAM
- Fungicides: growth driven by strong LATAM volumes
- Rest of Herbicides: growth in LATAM offset by lower volumes in EMEA
- Glyphosate-based Herbicides: significant price decline to align to generics drives strong volume recovery
- Soy S&T: driven by higher licensing revenues in LATAM
- > Insecticides: volume and price growth in EMEA more than offset price declines in LATAM
- Vegetable Seeds: growth mostly driven by higher pricing in EMEA
- Cotton: lower volumes in the U.S. in a seasonally low quarter
- Other: decline mostly from lower prices on glyphosatebased products in the professional business



Glyphosate-Based Herbicides Sales Reverting to 2020 Levels





Crop ScienceGlyphosate

Market Trends:

- U.S. retailers demand increased in Q3 following channel inventory destocking and reduction in China inventories
- Generic Chinese glyphosate technical reference spot price reverted to 15-year historical median price mid-year
- Chinese generic production capacity normalizing

Our Strategy:

- Maintain supply for ~40% global glyphosate market, with focus on the over-the-top markets in the Americas
- Maintain a brand premium over generic price for glyphosate-based herbicides at the retail level
- Focus on low-cost, sustainable manufacturing and operating model



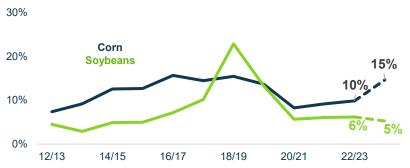
Expected 2024 Crop Science Market Dynamics





U.S. Corn & Soybean Stocks-to-Use Ratios Pressure Commodity Prices¹





- Dec. 2023 corn contracts ~\$4.78/bu²; >20% decline vs. one year ago
- Nov. 2023 soybean contracts ~\$12.92/bu²;
 ~6% decline vs. one year ago.
- Potential for 4-to-5 million decline in U.S. corn acres planted in 2024; 4-5% decline³
- Ukraine wheat and corn acres planted down significantly since start of war⁴

Significant Retail Destocking of Competitors' Inventory

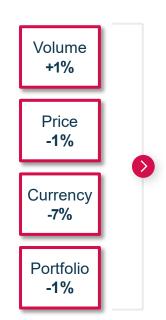
- Significant retail partner inventory destocking for generics and key competitor's crop protection products pressures crop protection prices in key markets
- Glyphosate Pricing and Sales Back to Historical Levels
 - Planning based on 15-year median generic reference price of \$3.80/kg⁵
- Persistent wage inflation and elevated inventory costs

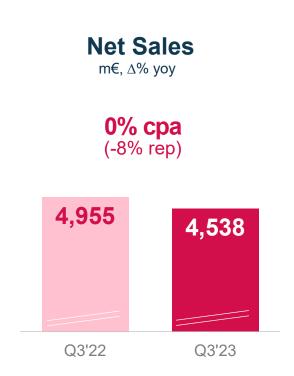
¹ Source: USDA, as of Oct 12th report; 2 Bloomberg as of Oct 31st; 3 Internal estimates; 4>30% wheat and -30% corn area decline, calculated since 2021/22 season; 5 as of Oct 20th, Bloomberg CEFWPEST Index

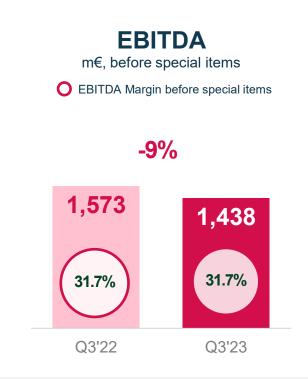


Q3: Strong US Sales Growth, Headwinds in China; Sequential Improvement in Profitability as Guided









- Pharmaceuticals
 Q3 2023
- > USA sales growing double digit %, led by Nubeqa and Kerendia
- China business negatively impacted by the country's anti-corruption campaign in the healthcare sector, also resulting in stronger pressure on all volume-based procurement (VBP) affected franchises
- Single digit % sales growth in Europe/Middle East/Africa driven by Xarelto and Nubega

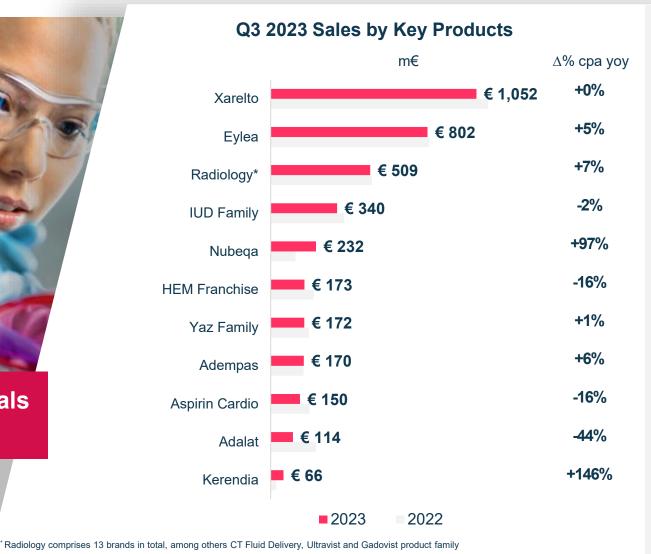
- Adverse product mix and ongoing investments in R&D balanced by lower marketing spend
- Prior year benefitting from sale of non-core businesses



Q3: Launch Assets, Eylea and Radiology Business With Ongoing Strong Performance, Offsetting Softness in Mature Portfolio



Q3 2023

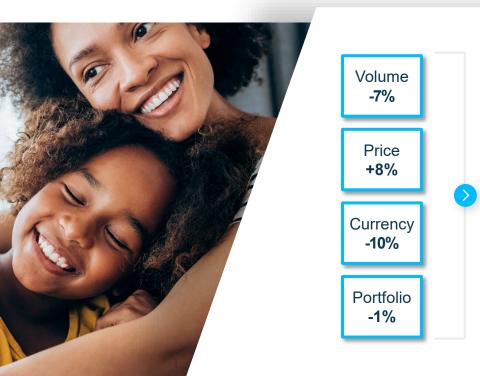


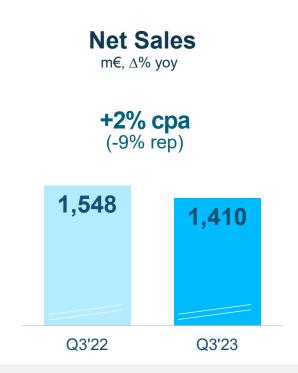
- Xarelto: solid volume growth in major markets offset by UK pricing and China headwinds and lower US royalties
- Eylea: continued strong volume trend in all marketed regions partially held back by softer pricing, particularly in Europe
- Nubeqa: sales almost doubled again, being the fastest growing ARI¹ in the US
- Kerendia: growth driven by continued US market uptake
- Radiology: substantial sales gain, particularly for CT Fluid Delivery and Ultravist
- > IUD Family: volume declines largely compensated by higher prices
- **HEM Franchise:** decline mostly due to competition, mainly in US and China
- Aspirin Cardio: sales decline driven by lower channel demand
- Adalat: sales continued to be impacted by VBP in China

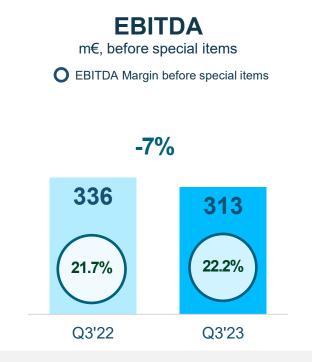
¹ ARI: Androgen Receptor Inhibitor



Q3: Consumers Continue to Acknowledge Our Science-Based Health Solutions







- Consumer Health Q3 2023
- Value of our brands allows for targeted and active pricing
- Overall market slowdown in North America and in Asia / Pacific
- > Reduction of trade inventories

- Operational productivity programs and active pricing compensate cost inflation
- Negative currency effects weigh on earnings



Q3: Innovation in Dermatology, Together with Active Pricing, Driving Growth



- Nutritionals: Lower demand in particular for Elevit due to temporarily low birth rates in China compared with previous years
- Dermatology: Broad based growth across all regions and brands, with strong contribution from our Bepanthen and Canesten brand families
- Allergy & Cold: Soft allergy season, particular in North America and strong prior year comparable
- Digestive: Normalization of demand in North America and supply constraints in EMEA
- > Pain & Cardio: Strong contribution from our brands in Latin America



Q3: Summary

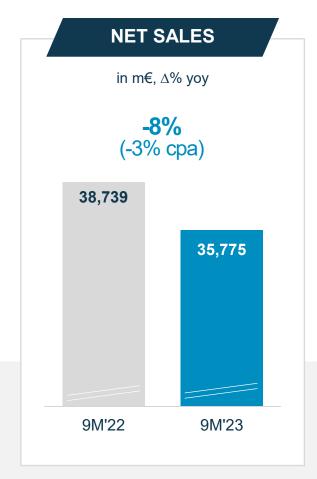
	Crop Science		Pharmaceuticals		Consumer Health		Reconciliation		Group	
[€ million, if not specified]	Q3 22	Q3 23	Q3 22	Q3 23	Q3 22	Q3 23	Q3 22	Q3 23	Q3 22	Q3 23
Sales	4,692	4,365	4,955	4,538	1,548	1,410	86	29	11,281	10,342
Sales by region:	200000000000000000000000000000000000000			***************************************	00000000000000000000000000000000000000					***************************************
Europe / Middle East / Africa	823	788	1,829	1,772	472	468	84	27	3,208	3,055
North America	910	734	1,317	1,263	628	522	0	2	2,855	2,521
Asia / Pacific	480	437	1,538	1,230	247	219	0	0	2,265	1,886
Latin America	2,479	2,406	271	273	201	201	2	0	2,953	2,880
ЕВІТДА	619	-35	1,501	1,420	332	305	-156	-353	2,296	1,337
Special items	-10	-11	-72	-18	-4	-8	-69	-311	-155	-348
EBITDA before special items	629	-24	1,573	1,438	336	313	-87	-42	2,451	1,685
EBITDA margin before special items [%]	13.4%	-0.5%	31.7%	31.7%	21.7%	22.2%	-101.2%	-144.8%	21.7%	16.3%
EBIT	53	-4,573	1,152	1,183	239	213	-245	-417	1,199	-3,594
Special items	-10	-3,964	-71	-20	-4	-8	-68	-311	-153	-4,303
EBIT before special items	63	-609	1,223	1,203	243	221	-177	-106	1,352	709
EBIT margin before special items [%]	1.3%	-14.0%	24.7%	26.5%	15.7%	15.7%	-205.8%	-365.5%	12.0%	6.9%
Operating cash flow, continuing	1,157	1,341	1,468	1,091	300	273	-271	-129	2,654	2,576
Free operating cash flow ¹	775	982	1,181	869	254	232	-282	-190	1,928	1,893
Free cash flow							***************************************		1,738	1,626
EBITDA before special items	***************************************	•••••••••••		•••••••••••		••••••••••••••••			2,451	1,685
Core depreciation ²									-398	-404
Core EBIT									2,053	1,281
Core financial result (before special items)									-544	-559
Core taxes & minorities	***************************************	***************************************	***************************************	***************************************		•••••	•••••	***************************************	-395	-353
Core tax rate	***************************************		***************************************	***************************************				***************************************	25.9%	48.1%
Core Net Income									1,114	370
No. of shares [million]	***************************************			•••••					982.42	982.42
Core EPS [€]									1.13	0.38

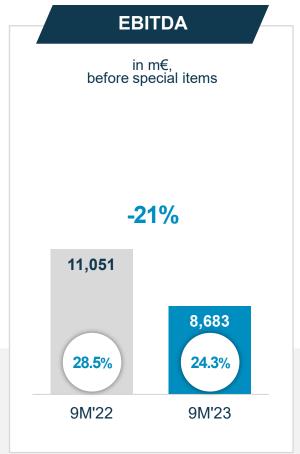




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9M: Group Performance









Currency headwind of **€1.2bn**

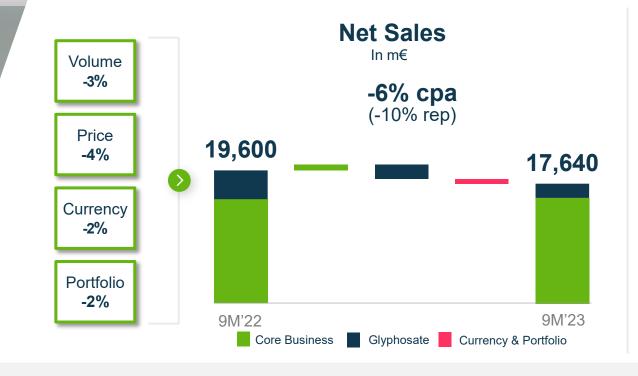
Currency headwind of €155m





9M: Core Business Grows 6%; Glyphosate Sales Decline ~€2.1bn







Crop Science 9M 2023

- Core Business sales +6%, with +9% price and -3% volumes, driven by strong double-digit growth in corn and mid single-digit price increases offsetting volume declines
- Solume has recovered in Q3

- Glyphosate pricing decline, inflation and higher-cost inventory weigh on earnings
- Strong pricing in core business, currency tailwinds and ongoing efficiencies partially compensate



9M: Glyphosate Sales Decline ~50%; Corn Leads with +15% Growth



9M 2023

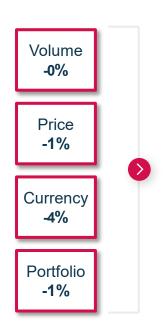


- > Corn S&T: growth driven by double digit % pricing and volume growth in NA and APAC
- Fungicides: pricing gains, mostly in EMEA and NA; partially offset by HY1 weather related volume decline
- Rest of Herbicides: price increases globally and mid single-digit % volume growth in LATAM and APAC
- Glyphosate-based Herbicides: decline by ~50% due to pricing; volume recovered to flat YTD
- > Soy S&T: growth in price and volume in LATAM more than offset NA volume decline
- Insecticides: growth driven by EMEA pricing, partially offset by lower NA volume due to wet weather in CA
- Vegetable Seeds: pricing gains, mainly in EMEA
- Cotton: decline due to lower volumes from -26% U.S. planted acres; partially offset by U.S. share gains
- > Other: lower price and volume for glyphosate-based products in the professional business

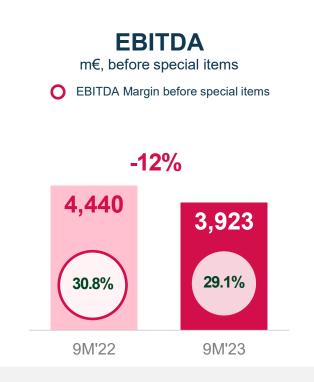


9M: Various Headwinds in China Largely Offset by Strong US Performance









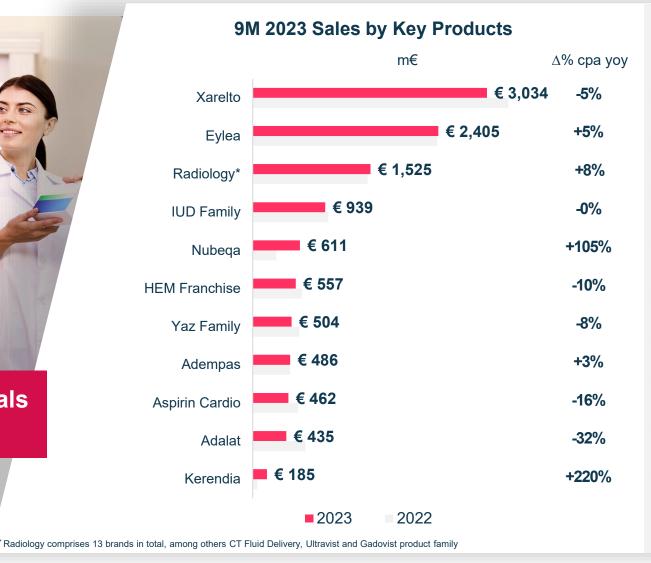
Pharmaceuticals 9M 2023

- Nubeqa and Kerendia driving growth in the US, more than offsetting softness in mature portfolio
- > China business held back by COVID dynamics and anticorruption campaign in the healthcare sector, also resulting in stronger pressure on all VBP affected franchises
- Sales in Europe/Middle East/Africa on par with prior year, strong Nubeqa performance offset by declines of Xarelto and mature portfolio
- Ongoing growth investments in R&D, particularly early-stage and asundexian's PIII studies
- Adverse product mix, inflation and non-recurring income from prior year's sale of non-core businesses weigh on margin



9M: Strong Performance of Launch Assets, Eylea and Radiology Largely Balancing Headwinds, Particularly on Xarelto and Adalat

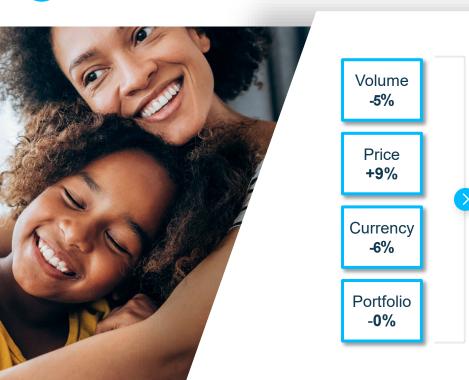


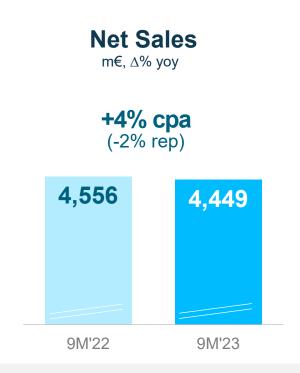


- Xarelto: Sales decline driven by loss of exclusivity in some regions and pricing headwinds
- > Eylea: Continued volume growth
- Nubeqa: Strong growth momentum driven by market share gains and label expansions
- **Kerendia:** growth driven by US market uptake, non-US regions with growing contributions, particularly China
- Radiology: substantial sales gain, particularly for CT Fluid Delivery and Ultravist
- IUD Franchise: Volume losses almost fully compensated by price increases
- HEM Franchise: decline mostly due to competition, mainly in US and China
- Aspirin Cardio: sales decline driven by lower channel demand
- Adalat: sales continued to be impacted by VBP



9M: With Solid Growth, On Track to Achieve Full Year Guidance



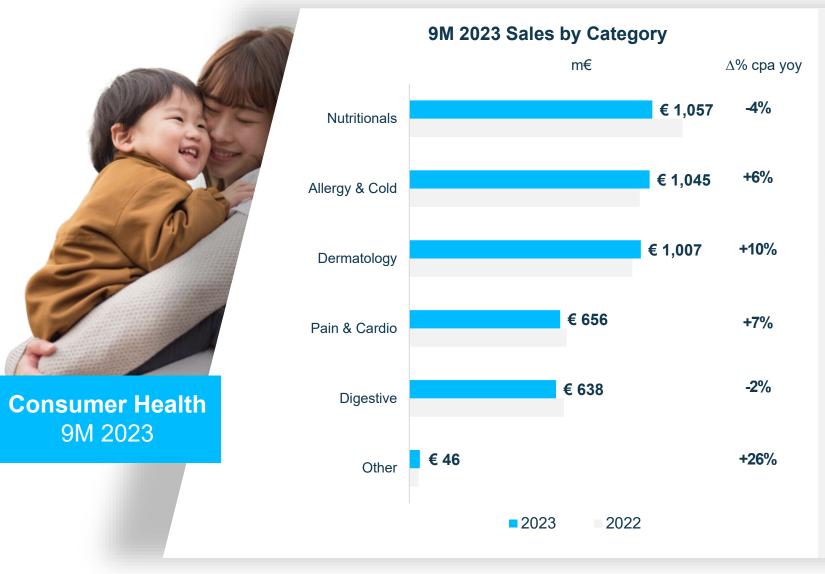




- Consumer Health 9M 2023
- > Broad based growth in LATAM and EMEA across almost all categories
- Supply constraints in particular in HY1
- APAC growth impacted by normalization of Nutritionals demand
- Strong cold season in HY1, while soft allergy season
- Operational productivity programs and active pricing compensate cost inflation
- Continued investments into innovation



9M: Solid Growth Compared to Strong 2022



- > Nutritionals: Continued demand normalization on an overall elevated level
- > Allergy & Cold: High cold incidence levels especially throughout the first half of 2023
- **Dermatology**: Strong demand across regions and brands, driven by innovation
- Pain & Cardio: Strong contribution from our brands in particular in Latin America
- Digestive: Normalization of demand in North America and supply constraints in EMEA



9M: Summary

Sales by region:		Crop Science		Pharmaceuticals		Consumer Health		Reconciliation		Group	
Sales by region: Europe / Modile East / Africa 4,211 4,058 5,542 5,332 1,432 183 179 11,361 11,001 North America 8,327 7,189 3,486 3,544 1,820 1,728 1 4 13,634 12,465 Asia / Pacific 1,808 1,720 4,623 3,891 737 691 0 0 7,168 6,302 Latin America 5,254 4,673 746 735 574 598 2 1 6,576 6,002 Latin America 5,254 4,673 746 735 574 598 2 1 6,576 6,002 Latin America 6,035 3,888 4,497 3,788 1,029 1,006 -1,322 -688 10,239 7,986 Special items -12 -88 57 -135 -25 -21 -832 -453 -812 -697 EBIT DA before special items [%] 30,98 2,5% 30,88 </th <th>[€ million, if not specified]</th> <th>9M 2022</th> <th>9M 2023</th>	[€ million, if not specified]	9M 2022	9M 2023	9M 2022	9M 2023	9M 2022	9M 2023	9M 2022	9M 2023	9M 2022	9M 2023
Sales by region: Europe / Modile East / Africa 4,211 4,058 5,542 5,332 1,432 183 179 11,361 11,001 North America 8,327 7,189 3,486 3,544 1,820 1,728 1 4 13,634 12,465 Asia / Pacific 1,808 1,720 4,623 3,891 737 691 0 0 7,188 6,302 Latin America 5,254 4,673 746 735 574 598 2 1 6,576 6,002 Latin America 5,254 4,673 746 735 574 598 2 1 6,576 6,002 BBITDA 6,035 3,888 4,497 3,788 1,029 1,006 -1,322 -688 10,239 7,986 Special items -12 -88 57 -155 -25 -21 -832 -451 -697 EBIT DA before special items [%] 30.98 2,59% 30.88 2,91%								,			
Europe / Middle East / Africa 4,211 4,058 5,542 5,332 1,425 1,432 183 179 11,361 11,001 North America 8,327 7,189 3,486 3,544 1,820 1,728 1 4 13,634 12,465 Asia / Pacific 1,808 1,720 4,623 3,891 737 691 0 0 7,168 6,302 Latin America 5,254 4,673 746 735 574 598 2 1 6,576 6,007	Sales	19,600	17,640	14,397	13,502	4,556	4,449	186	184	38,739	35,775
Europe / Middle East / Africa 4,211 4,058 5,542 5,332 1,425 1,432 183 179 11,361 11,001 North America 8,327 7,189 3,486 3,544 1,820 1,728 1 4 13,634 12,465 Asia / Pacific 1,808 1,720 4,623 3,891 737 691 0 0 7,168 6,302 Latin America 5,254 4,673 746 735 574 598 2 1 6,576 6,007	Sales by region:	осносиненностиский положений положен	осиосоносиосиосиосиосиосиоси	KNOOMONINGKOOOOOOOOOOOO	комонносточносточности	***************************************	коностонностонностонностонност		xxxxxxxxxxxxxxxxxxxxxxxxxx	киониконконконконконконконконк	000000000000000000000000000000000000000
Asia / Pacific	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	4,211	4,058	5,542	5,332	1,425	1,432	183	179	11,361	11,001
Latin America 5,254 4,673 746 735 574 598 2 1 6,576 6,007	North America	8,327	7,189	3,486	3,544	1,820	1,728	1	4	13,634	12,465
EBITDA 6,035 3,880 4,497 3,788 1,029 1,006 -1,322 -688 10,239 7,986 Special items -12 -88 57 -135 -25 -21 -832 -453 -812 -697 EBITDA before special items [%] 30.9% 22.5% 30.8% 29.1% 23.1% 23.1% -263.4% -127.7% 28.5% 24.3% EBIT	Asia / Pacific	1,808	1,720	4,623	3,891	737	691	0	0	7,168	6,302
Special items	Latin America	5,254	4,673	746	735	574	598	2	1	6,576	6,007
EBITDA before special items 6,047 3,968 4,440 3,923 1,054 1,027 -490 -235 11,051 8,683	EBITDA	6,035	3,880	4,497	3,788	1,029	1,006	-1,322	-688	10,239	7,986
EBITDA margin before special items [%] 30.9% 22.5% 30.8% 29.1% 23.1% 23.1% -263.4% -127.7% 28.5% 24.3% 24.3% 29.1% 23.1% -263.4% -127.7% 28.5% 24.3% 24.3% 29.1% 23.1% -263.4% -127.7% 28.5% 24.3% 24.3% 29.1% 23.1% -263.4% -127.7% 28.5% 24.3% 29.1% 23.1% -263.4% -127.7% 28.5% 24.3% 29.1% 23.1% -263.4% -127.7% 28.5% 24.3% 29.1% 29.	Special items	-12	-88	57	-135	-25	***************************************		-453	-812	
EBIT 2,823 -4,461 3,560 3,036 762 734 -1,565 -886 5,580 -1,577 Special items -1,334 -6,613 -33 -137 -25 -21 -832 -453 -2,224 -7,224 EBIT before special items 4,157 2,152 3,593 3,173 787 755 -733 -433 7,804 5,647 EBIT margin before special items [%] 21.2% 25.0% 23.5% 17.3% 17.0% -394.1% -235.3% 20.1% 15.8% Operating cash flow, continuing 1,321 -1,685 2,527 2,240 729 508 -545 -1,553 4,032 -490 Free operating cash flow 468 -2,637 1,843 1,525 615 403 -519 -1,536 2,407 -2,245 Free cash flow EBIT DA before special items Core depreciation 2 Core EBIT 9,888 7,478 Core financial result (before special items) Core taxes & minorities Core taxes & minorities Core tax rate Core Net Income No. of shares [million]	EBITDA before special items	6,047	3,968	4,440	3,923	1,054	1,027	-490	-235	11,051	8,683
Special items	EBITDA margin before special items [%]	30.9%	22.5%	30.8%	29.1%	23.1%	23.1%	-263.4%	-127.7%	28.5%	24.3%
Special items	EBIT	2,823	-4,461	3,560	3,036	762	734	-1,565	-886	5,580	-1,577
EBIT margin before special items [%] 21.2% 12.2% 25.0% 23.5% 17.3% 17.0% -394.1% -235.3% 20.1% 15.8%	Special items	-1,334				-25	***************************************		-453	-2,224	***************************************
Operating cash flow, continuing 1,321 -1,685 2,527 2,240 729 508 -545 -1,553 4,032 -490 Free operating cash flow¹ 468 -2,637 1,843 1,525 615 403 -519 -1,536 2,407 -2,245 Free cash flow 1,691 -2,950 EBITDA before special items 11,051 8,683 Core depreciation² -1,163 -1,205 Core EBIT 9,888 7,478 Core financial result (before special items) -1,528 -1,378 Core taxes & minorities -1,884 -1,634 Core tax rate 22.4% 26.5% Core Net Income 6,476 4,466 No. of shares [million] 982.42 982.42	EBIT before special items	4,157	2,152	3,593	3,173	787	755	-733	-433	7,804	5,647
Free operating cash flow¹ 468 -2,637 1,843 1,525 615 403 -519 -1,536 2,407 -2,245 Free cash flow 1,691 -2,950 EBITDA before special items 11,051 8,683 Core depreciation² -1,163 -1,205 Core EBIT 9,888 7,478 Core financial result (before special items) -1,528 -1,378 Core taxes & minorities -1,884 -1,634 Core tax rate 22.4% 26.5% Core Net Income 6,476 4,466 No. of shares [million] 982.42 982.42	EBIT margin before special items [%]	21.2%	12.2%	25.0%	23.5%	17.3%	17.0%	-394.1%	-235.3%	20.1%	15.8%
Free cash flow 1,691 -2,950 EBITDA before special items 11,051 8,683 Core depreciation ² -1,163 -1,205 Core EBIT 9,888 7,478 Core financial result (before special items) -1,528 -1,378 Core taxes & minorities -1,884 -1,634 Core tax rate 22.4% 26.5% Core Net Income 6,476 4,466 No. of shares [million] 982.42 982.42	Operating cash flow, continuing	1,321	-1,685	2,527	2,240	729	508	-545	-1,553	4,032	-490
Free cash flow 1,691 -2,950 EBITDA before special items 11,051 8,683 Core depreciation ² -1,163 -1,205 Core EBIT 9,888 7,478 Core financial result (before special items) -1,528 -1,378 Core taxes & minorities -1,884 -1,634 Core tax rate 22.4% 26.5% Core Net Income 6,476 4,466 No. of shares [million] 982.42 982.42	Free operating cash flow ¹	468	-2,637	1,843	1,525	615	403	-519	-1,536	2,407	-2,245
Core depreciation ² -1,163 -1,205 Core EBIT 9,888 7,478 Core financial result (before special items) -1,528 -1,378 Core taxes & minorities -1,884 -1,634 Core tax rate 22.4% 26.5% Core Net Income 6,476 4,466 No. of shares [million] 982.42 982.42	Free cash flow									******************************	-2,950
Core depreciation ² -1,163 -1,205 Core EBIT 9,888 7,478 Core financial result (before special items) -1,528 -1,378 Core taxes & minorities -1,884 -1,634 Core tax rate 22.4% 26.5% Core Net Income 6,476 4,466 No. of shares [million] 982.42 982.42	EPITDA hoforo opogial itamo	·····								11 051	0 602
Core EBIT 9,888 7,478 Core financial result (before special items) -1,528 -1,378 Core taxes & minorities -1,884 -1,634 Core tax rate 22.4% 26.5% Core Net Income 6,476 4,466 No. of shares [million] 982.42 982.42											
Core financial result (before special items) -1,528 -1,378 Core taxes & minorities -1,884 -1,634 Core tax rate 22.4% 26.5% Core Net Income 6,476 4,466 No. of shares [million] 982.42 982.42											
Core taxes & minorities -1,884 -1,634 Core tax rate 22.4% 26.5% Core Net Income 6,476 4,466 No. of shares [million] 982.42 982.42											,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Core tax rate 22.4% 26.5% Core Net Income 6,476 4,466 No. of shares [million] 982.42 982.42	annon manananananananananananananananananana										
Core Net Income 6,476 4,466 No. of shares [million] 982.42 982.42		***************************************								***************************************	***************************************
No. of shares [million] 982.42 982.42		***************************************	***************************************	***************************************		***************************************	***************************************		***************************************	***************************************	
	Core EPS [€]		***************************************			***************************************			***************************************	6.59	4.55

