

# CAPITAL MARKETS DAY 2024

Bayer AG /// Capital Markets Day /// March 2024

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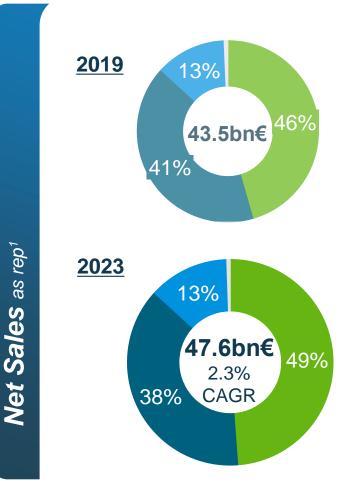




# CAPITAL MARKETS DAY 2024

BILL ANDERSON Chief Executive Officer

### Bayer: A Global Leader in Health & Nutrition





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### **Crop Science**

- #1 in Seed & Traits with Leading Crop Protection Portfolio
- >200bn€<sup>2</sup> exp. Global Ag Input Market & Related Adjacencies by 2030

### Pharmaceuticals

- Strong market positions in key therapeutic areas / resilient base
- Rebuilding R&D with technology platforms and improved productivity

### Consumer Health

- Iconic brands with leading
   market positions
- 3-5% CAGR CH Global Market<sup>3</sup>

#### Well Positioned in Growing Markets

to address

#### Major Societal Needs and Ecological Challenges

with the

#### Power of Innovation.



**Science and Innovation** 

Leading Positions in Crop and Consumer

**Rebuilding Pharma Business** 

**Skilled and Dedicated Workforce** 

... but *FOUR* major challenges that need to be addressed

#### Pharma LoE, Pipeline Structure

Litigation

High Debt

Bureaucracy

## Completed Our Strategic Review Based on Clear Criteria

Selected Key Criteria	Crop Science Separation	<b>Consumer Health</b> Separation	New Operating Mode	èl
Value Creation	Limited to none	<ul> <li><u>Highly dependent on exit route</u> and <u>market environment</u></li> </ul>	<ul> <li><u>Sustainable savings</u> and additional <u>growth potential</u></li> </ul>	
Complexity Reduction	Relatively higher vs. Consumer	Relatively lower vs. Crop	Less bureaucracy, leaner	0
Cash Impact & Leverage	<ul> <li>Delayed cash impact</li> <li>One-time costs, dis-synergies and tax leakage</li> <li>High RemainCo leverage</li> </ul>	<ul> <li>One-time proceeds (trade sale)</li> <li>Separation costs, tax leakage</li> <li>Loss of attractive business with stable cash flows</li> </ul>	<ul> <li>Sustainable savings &amp; performance improvements</li> </ul>	•
Litigation Overhang	Remains, impact amplified on smaller entity	• Remains	Remains	8
Speed of Execution • <u>Two years or even longer and distraction of the organization</u>		Implementation started, clear roadmap to have every	0	
Execution     Certainty     Multiple factors outside of Bayer's control		employee started in new model by end of 2024		

7

## No Break-Up Now, Creating Future Optionality

Exhaustive review of all options for financial impact and feasibility

Fixing the fundamental challenges of the company to gain flexibility

Prioritizing implementation of Dynamic Shared Ownership to boost performance

Committed to best outcome for each business, including later structural options



## Bayer Taking Decisive Action and Making Changes

### ACTION

Initiated operating model overhaul

Proposed temporary minimum dividend

Delivered adjusted guidance

#### CHANGES

#### Proposed Supervisory Board refresh

Proposed change to management compensation

### Changing guidance approach

Strengthening accountability and transparency across the company

## Addressing Our Challenges

PHARMA LoE,
PIPELINE STRUCTURE

### LITIGATION

- Capitalize on launch assets and base business
- Drive productivity gains
- Rapidly rebuild early- and mid-stage pipeline

**HIGH DEBT** 

BUREAUCRACY

## Addressing Our Challenges

#### PHARMA LoE, PIPELINE STRUCTURE

### LITIGATION

### **HIGH DEBT**

### BUREAUCRACY

#### • Top of the agenda

- Taking a fresh look with different approaches
- Focusing on best interest of all stakeholders





## Our New Operating Model Yields Several Advantages

# Sustainable Cost **EFFICIENCIES**

- // Elimination of roles, processes and activities not focused on our mission
- // Reduction of management layers

#### Early financial implications

€2bn in sustainable organizational savings by end of 2026

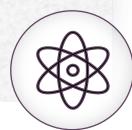
# *GROWTH* through Customer Centricity

- // Self-managed customerand product teams with much greater autonomy
- // Faster response to customer needs

# *GROWTH* through Innovation Speed

// Increased speed to market
 due to shorter innovation
 cycles and faster decision making in self-direction

// More dynamic resource
flow to highest-impact
priorities



### Strong Momentum in Scale Up, with Numerous Initiatives Globally

- < 50 Customer and Product Teams at end of 2023
- ~ **300** in March 2024

By end of 2024, we will have started in every part of Bayer working in the new operating model.

#### North & Latin America

- // PH US: More versatile and agile
   organization with decision power at
   the customer
- // CS US: First deployment of new customer-centric teams in Illinois and Wisconsin
- // CH US: "One-A-Day" team (Nutritionals) as early adopters

#### ~200 Customer & Product Teams now running

Status: As of March 1st, 2024 1 Includes global initiatives

#### Europe, Middle East & Africa<sup>1</sup>

- // PH Global: Accelerate launch for Eylea 8mg
- // CS Romania: Launched new
  customer-centric teams
- // PH Product Supply API: More
  targeted, agile & competitive set-up

#### Asia-Pacific

- // CH ASEAN: Accelerate innovation cycles
- // PH Japan: Dynamic budgeting by teams
- // CS Western India: First deployment of new customercentric teams

~60 Customer & Product Teams now running ~40 Customer & Product Teams now running Achieved Our Revised Commitments in 2023; 2024 First in a Three-Year Rejuvenation Period

in €bn	2023 as reported	<b>2024</b> at constant FX <sup>1</sup>
Net Sales	47.6	-1% to +3%
<b>EBITDA</b> (before special items)	11.7	-9% to -3%
Core EPS (in €)	6.39	5.10 to 5.50
Free Cash Flow	1.3	2.0 to 3.0
Net Financial Debt	34.5	32.5 to 33.5

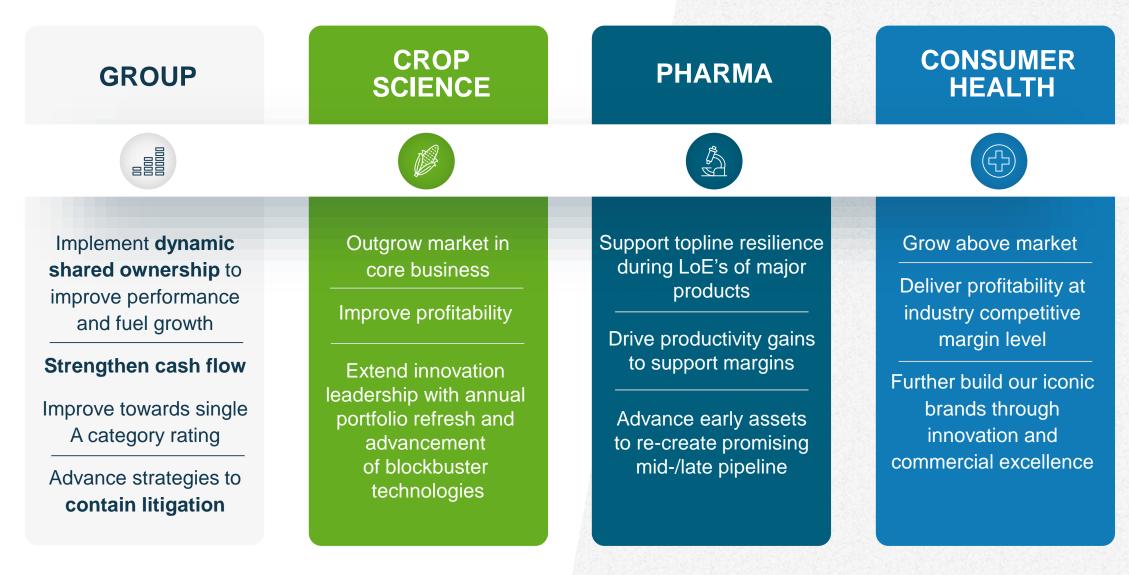
Headwinds from Xarelto, China and glyphosate

- Growth in Crop core business, Pharma launch assets and Consumer Health portfolio
- Ongoing efficiencies and first DSO savings

<sup>1</sup>Reflects our 2024 plan at the average actual currencies for 2023

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### Through 2026: Enhance Performance and Regain Flexibility





### 



Produce 50% More. Restore Nature. Scale Regenerative Ag.



*Treat the Untreatable. Cure Disease. Offer Hope.* 



Help >1bn People to Live Healthier Lives With Most Trusted Self-Care Solutions. // Health for all, Hunger for none



## ENHANCE PERFORMANCE

## REGAIN FLEXIBILITY



# FINANCIALS

### Strengthen Cash Flow – Reduce Debt

### CAPITAL MARKETS DAY 2024

WOLFGANG NICKL Chief Financial Officer



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> Revised 2023 outlook achieved; implementation of new operating model started

Outlook for 2024 muted in terms of growth and profitability; first DSO savings included

Clear focus on strengthening cash flow by improving cash generation

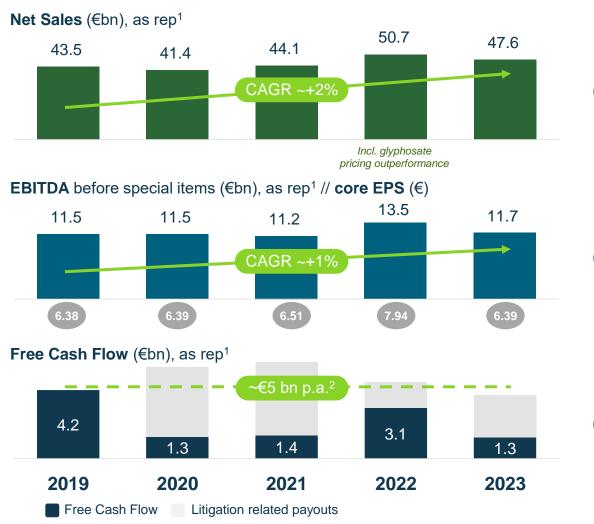
Prioritization in capital allocation towards debt reduction

## FY 2023: Achieved Revised Outlook

in €bn	FY 2023 Outlook incl. FX impact	FY 2023 Actuals as reported	
Net Sales	46.8 - 47.8	47.6	$\checkmark$
EBITDA (before special items)	11.1 - 11.6	11.7	$\checkmark$
Core EPS (in €)	6.20 - 6.40	6.39	$\checkmark$
Free Cash Flow <sup>1</sup>	~ 0	1.3	$\checkmark$
Net Fin. Debt	~ 36	34.5	$\checkmark$

<sup>1</sup>Litigation related net payouts (settlements, judgements, reimbursements from insurances) amounting to -2.1 bn€.

### Resilient Performance in a Volatile Macroeconomic Environment; Litigation Impacting Cash Flow



- Solid growth across the portfolio, 2022 driven by glyphosate pricing outperformance
- Material foreign exchange effects on topline
   throughout the period
- Broadly stable EBITDA helped by cost efficiency programs
- Increased inflationary pressure as of 2022

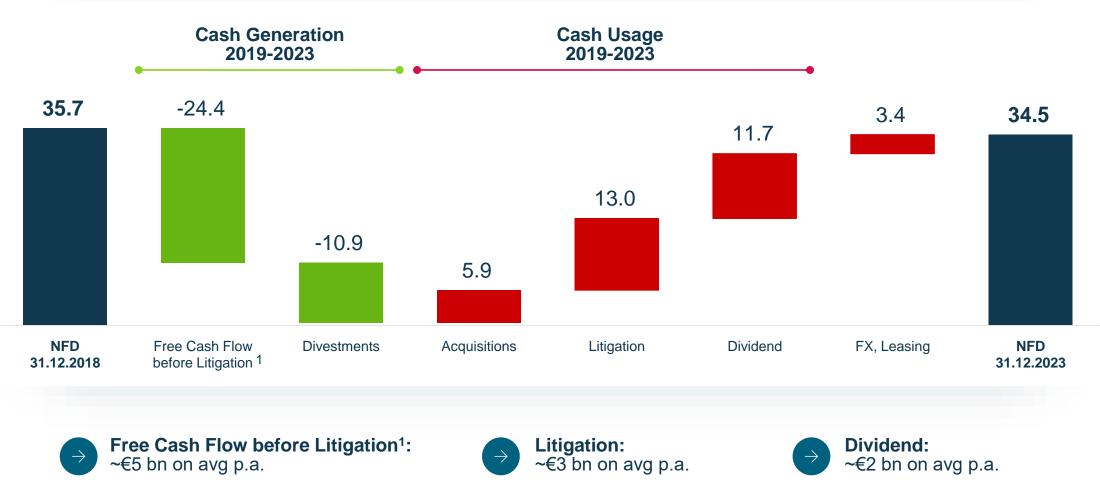
- Significant impact from litigation related payouts
- Inflation impact on inventories and CAPEX as of 2022

<sup>1</sup>as rep = as reported, Animal Health business not included, Environmental Science Professional business included in figures until sale completion in 2022 (no restatement); <sup>2</sup> Average Free Cash Flow before litigation related payouts '19-'23 (settlements, judgements, reimbursements from insurances, cost of defense).

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## Cash Flow Mainly Used for Dividend and Litigation Related Payouts

#### Net Financial Debt Development in €bn, as reported



NFD = Net Financial Debt; <sup>1</sup>Free Cash Flow before litigation related payouts '19-'23 (settlements, judgements, reimbursements from insurances, cost of defense).

### Outlook 2024: Key Drivers

#### EXPECTED TAILWINDS

- Crop Science Core business to grow +1% to +4% cpa
- Continued strong momentum of Nubeqa and Kerendia, strengthened US presence
- Continued broad-based growth anticipated for Consumer Health
- Ongoing cost optimization, first DSO related organizational cost savings
- Strong focus on working capital management and CAPEX prioritization

#### **EXPECTED HEADWINDS**

- Glyphosate generic reference pricing to be back at historical levels
- Accelerated Xarelto decline with negative product mix effect and continued VBP impact on China business
- Ongoing inflationary pressure
- Increase in interest payments on high debt level, impact of hyper-inflation countries
- Litigation and restructuring continue to impact cash flow

BAYER	Outlook 2024:	Divisions	<b>2023</b> as reported	<b>2024</b> at constant FX <sup>1</sup>	<b>2024</b> estimated FX impact <sup>2</sup>
	TR.	Net Sales	€23.3bn	-1% to +3% <sup>3</sup>	~-2%pts
	Crop Science	EBITDA Margin (before special items)	21.7%	20% to 22%	not material
	3	Net Sales	€18.1bn	-4% to 0%	~-2%pts
	Pharmaceuticals	EBITDA Margin (before special items)	28.7%	26% to 29%	~-2%pts
		Net Sales	€6.0bn	+3% to +6%	~-5%pts
	Consumer Health	EBITDA Margin (before special items)	23.4%	23% to 24%	not material

<sup>&</sup>lt;sup>1</sup>Reflects our 2024 guidance at the average actual currencies for 2023; <sup>2</sup>Estimated FX impact: Currency assumptions based on month-end December 2023 spot rates (1 EUR=) 1.11 USD, 5.36 BRL, 7.87 CNY. Impact is calculated as difference to constant currencies = at average actual currencies for 2023; <sup>3</sup>Core growth +1% to +4%, Glyphosate growth -12% to -8%.

26

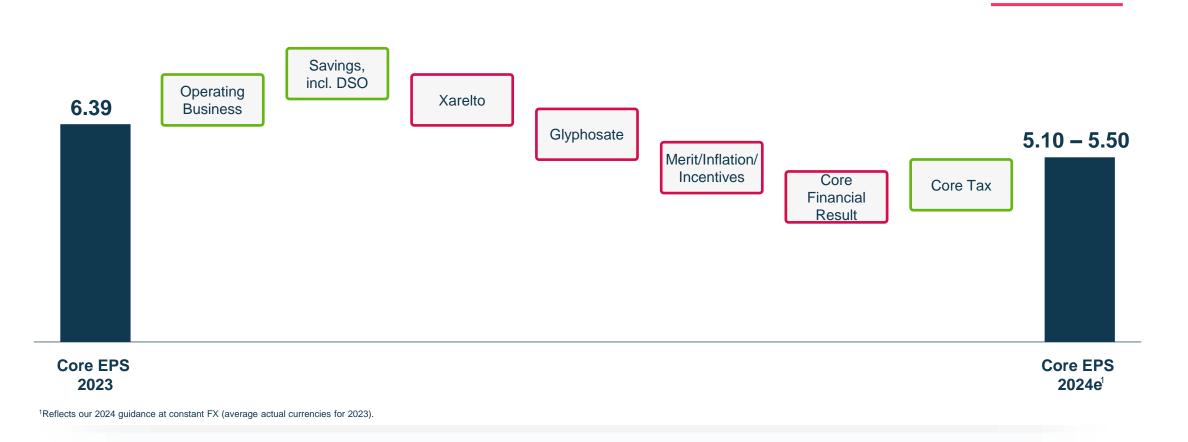
Outlook 2024: Improved Free Cash Flow Despite Lower Profitability

in €bn	<b>2023</b> as reported	<b>2024</b> at constant FX <sup>1</sup>	<b>2024</b> estimated FX impact <sup>2</sup>
Net Sales	47.6	-1% to +3%	-2% to -3%pts
<b>EBITDA</b> (before special items)	11.7	-9% to -3%	~-3%pts
Core EPS (in €)	6.39	5.10 to 5.50	-0.10 to -0.20
Free Cash Flow	1.3	2.0 to 3.0	not material
Net Financial Debt	34.5	32.5 to 33.5	not material

<sup>1</sup>Reflects our 2024 guidance at the average actual currencies for 2023; <sup>2</sup>Estimated FX impact: Currency assumptions based on month-end December 2023 spot rates (1 EUR=) 1.11 USD, 5.36 BRL, 7.87 CNY. Impact is calculated as difference to constant currencies.

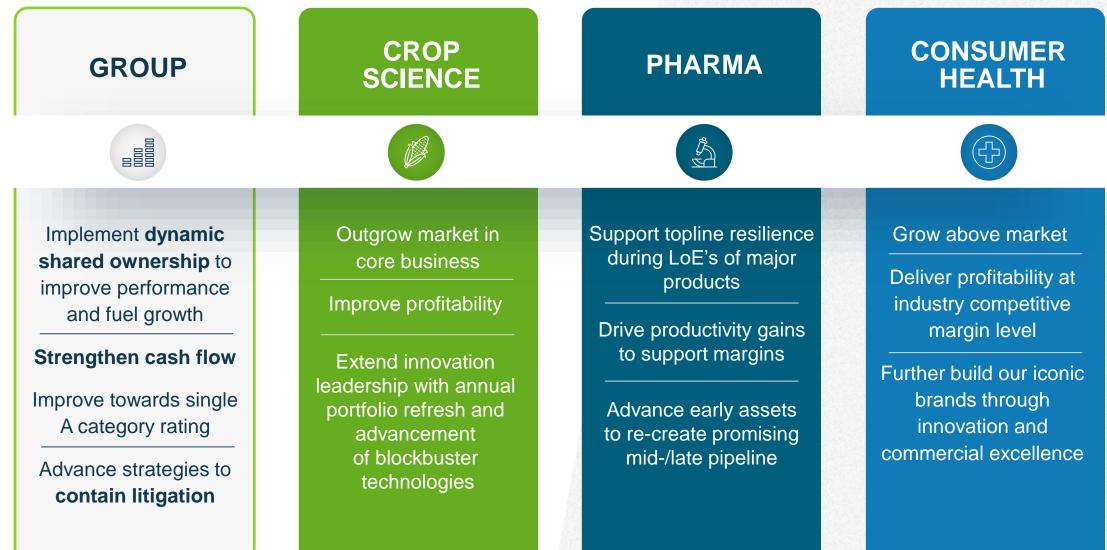
## Outlook 2024: Muted Outlook for Core EPS

#### Core Earnings per Share Development (in €)

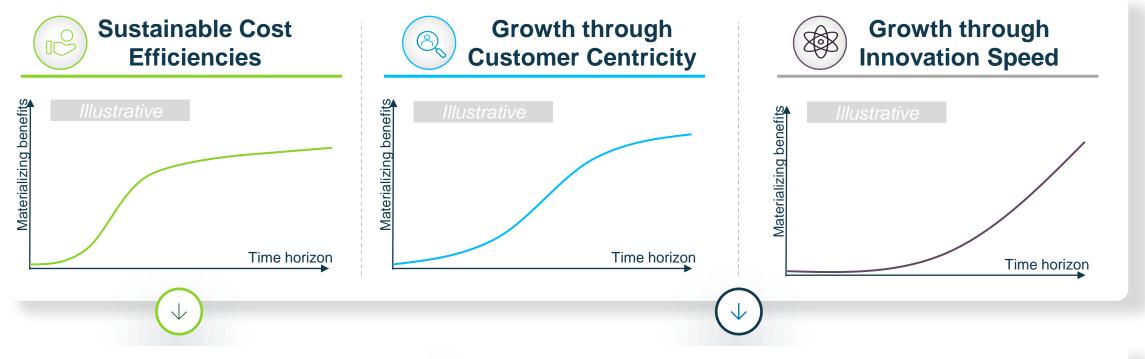


illustrative

### Through 2026: Enhance Performance and Regain Flexibility



## Our New Operating Model is Key Enabler to Achieve our Ambitions



## // ~€ 2 bn in sustainable organizational **savings** by end of 2026

- // Lower expected **one-time cost ratio**
- // ~€ 0.5 bn savings expected in 2024 with a steady ramp-up until 2026

Significant change is ongoing.

Financial impact is realized in stages.

## We Improve Cash Generation and Manage Adverse Impacts

### **Driving Operational Performance and Strengthen Cash Flow**





<sup>1</sup>e.g. brands or fixed assets.

We Have a Clear Focus on Improving Working Capital Management and Prioritization of Capital Expenditures

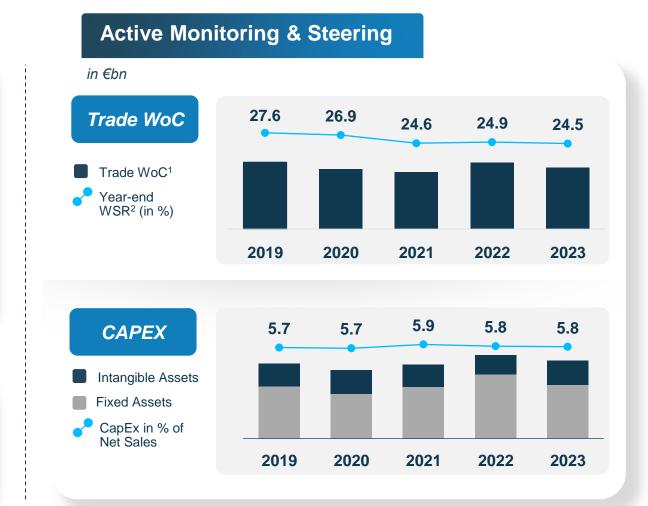
#### WoC Optimization

Close tracking and management of Working Capital to Sales Ratio development

Improvement initiatives started, e.g. for accounts payable on Group level and on inventories in Crop Science and in Pharmaceuticals

#### **CAPEX** Prioritization

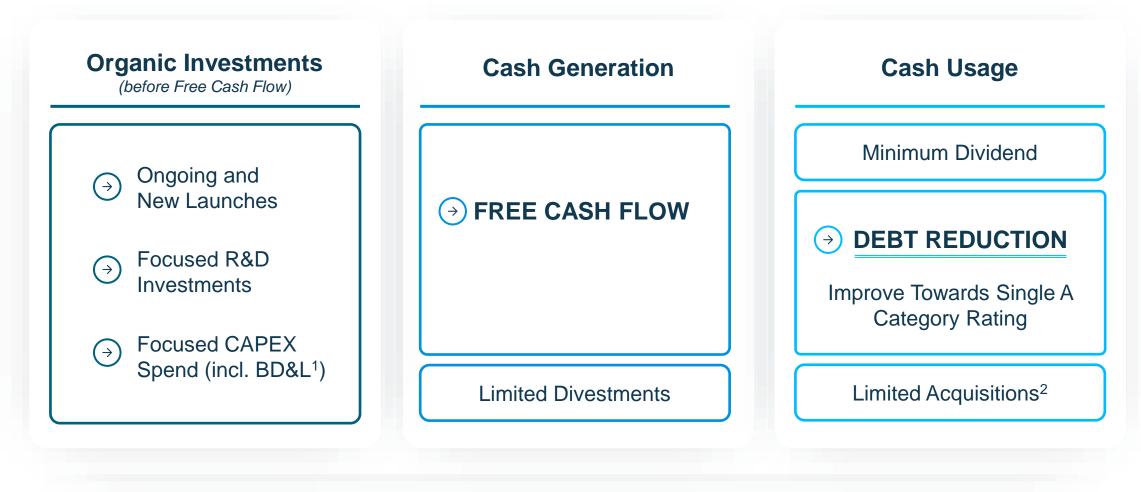
Focused capital expenditures scrutinizing the entire investment portfolio



<sup>1</sup>Trade Working Capital: Inventories, Trade Accounts Receivables, Trade Accounts Payables and Advance Payments received from customer (year-end); <sup>2</sup>WSR = Working Capital to Sales ratio.

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BAYER We Will Prioritize our Capital Allocation to Achieve a Step Down in Debt



<sup>1</sup>Business Development & Licensing <sup>2</sup>Including milestone payments for already announced acquisitions and others.



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> Revised 2023 outlook achieved; implementation of new operating model started

Outlook for 2024 muted in terms of growth and profitability; first DSO savings included

Clear focus on strengthening cash flow by improving cash generation

Prioritization in capital allocation towards debt reduction



# **APPENDIX** Outlook 2024

## Outlook 2024: Modeling Considerations

GROUP		
(€bn)	2024 at constant FX <sup>1</sup>	
Special Items (EBITDA)	-2.0 to -1.0	
Core Depreciation	~ -1.7	
<b>Core Financial Result</b>	~ -2.3	
Core Tax Rate	~ 23%	
<b>Reconciliation<sup>2</sup>:</b> (EBITDA before special items)	~ -0.5	

CDOUD

#### **KEY DRIVER**

**Special items (EBITDA)** primarily driven by ongoing restructuring programs and DSO related severance payouts

**Core Financial Result** affected by increased interest payments on high debt level and impact of hyper-inflation countries

**Reconciliation (cEBITDA)** back to regular levels driven by short- and long-term incentives

FX effect on these items is limited based on latest estimate

<sup>1</sup>Reflects our 2024 guidance at the average actual currencies for 2023; <sup>2</sup>Reconciliation reported as "All Other Segments" and "Enabling Functions and Consolidation"



### Outlook 2024: Crop Science

Core Business Expected to Outpace the Market

	<b>2023</b> In €bn	2024 at constant FX <sup>1</sup>	Key Assumptions & Drivers					
Net Sales	23.2	-1 to 3% cpa <sup>2</sup>						
Core	20.3	1 to 4% cpa	Industry-leading seed germplasm refresh and volume recovery in crop protection drive sales growth; U.S. planted acreage shift from corn to soy of 4-5m acres					
Glyphosate	2.9	-12 to -8% cpa <sup>3</sup>	Pricing decline, mostly in Q1, based on \$3.80/kg Chinese generic reference price (15 yr. median)					
<b>EBITDA (margin)</b> (before special items)	21.7%	20 to 22% <sup>2</sup>	4% cost inflation, higher incentives and absence of Luling insurance payment mitigates expected CP COGS reduction and personnel savings from new operating model					

#### Calendarization



#### **Q1 Net Sales:**

Sales expected to decline slightly due to delays in EMEA and midteens declines in glyphosate sales due to pricing



#### Q1 EBITDA:

Margin declines with normalization of glyphosate pricing. Cost productivity program progress in HY2 to compensate for Q1 glyphosate price pressure and inflation

Core business refers to Crop Science business excl. glyphosate-based herbicides; <sup>1</sup>Reflects our 2024 guidance at the average actual currencies for 2023; <sup>2</sup>Estimated Sales FX impact of ~-2%, estimated EBITDA Margin FX impact not material (Currency assumptions based on month-end December 2023 spot rates (1 EUR=) 1.11 USD, 5.36 BRL, 7.87 CNY. Impact is calculated as difference to constant currencies = at average actual currencies for 2023); <sup>3</sup> Assumes pricing based on \$3.80/kg Chinese generic reference price (15 yr. median)



	<b>2023</b> In €bn	2024 at constant FX <sup>1</sup>	Key Assumptions & Drivers					
Net Sales	18.1	-4% to 0% cpa <sup>2</sup>	<ul> <li>Robust base business with varying dynamics of individual franchises</li> <li>China facing ongoing headwinds, particularly related to VBP</li> </ul>					
Xarelto	4.1	Double-digit % decline	Ongoing pricing pressure, genericization and patent expiries in e.g. Canada and Japan					
Eylea	3.2	Flattish	Higher volumes offset by adverse pricing dynamics; launch of Eylea 8 mg					
Nubeqa & Kerendia	1.1	>€1.5bn	Further market penetration in launched indications					
EBITDA margin (before special items)	28.7%	26% to 29% <sup>2</sup>	Continued growth investments (launches and pipeline), unfavourable product mix, persisting inflationary and pricing headwinds					

#### Calendarization



Net Sales:

HY1 above HY2 due to increasing impact from Xarelto LoE



**EBITDA margin (before special items)**: HY1 and HY2 at about same level, tight OPEX management compensating for topline headwinds

<sup>1</sup> Reflects our 2024 guidance at the average actual currencies for 2023; <sup>2</sup> Estimated Sales FX impact of ~-2% pts, estimated EBITDA Margin FX impact of ~-2% pts; currency assumptions based on month-end December 2023 spot rates (1 EUR=) 1.11 USD, 5.36 BRL, 7.87 CNY. Impact is calculated as difference to constant currencies = at average actual currencies for 2023

## Outlook 2024: Consumer Health

	<b>2023</b> In €bn	2024 at constant FX <sup>1</sup>	Key Assumptions & Drivers
Net Sales	6.0	+3% to +6% cpa <sup>2</sup>	Continued broad-based growth across regions and categories
			Innovation, pricing and volume increase will equally contribute to growth
			Uncertain Economic environment might impact consumer demand and retail inventory
<b>EBITDA margin</b> (before special items)	23.4%	23% to 24% <sup>2</sup>	Further margin expansion leveraging DSO and operational efficiencies, while compensating for sticky inflation and currency headwinds

#### Calendarization



#### **EBITDA margin**:

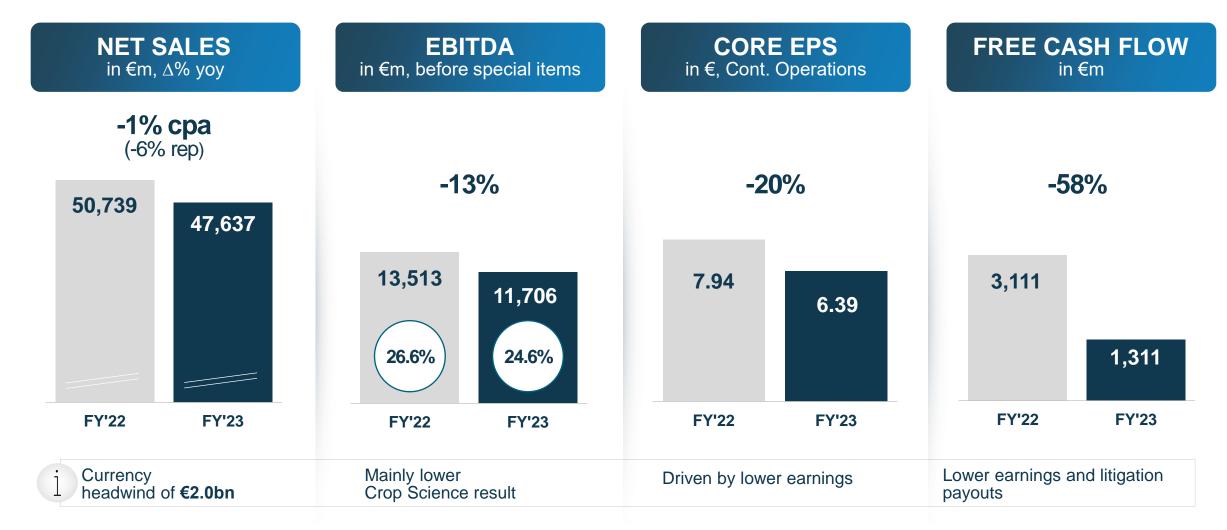
HY1 impacted by higher investment levels to support innovation, while operational efficiencies (incl. DSO savings) to materialize towards HY2

<sup>1</sup>Reflects our 2024 guidance at the average actual currencies for 2023; <sup>2</sup>Estimated Sales FX impact of ~-5%, estimated EBITDA Margin FX impact not material (Currency assumptions based on month-end December 2023 spot rates (1 EUR=) 1.11 USD, 5.36 BRL, 7.87 CNY. Impact is calculated as difference to constant currencies = at average actual currencies for 2023).



# **APPENDIX** FY 2023

## FY 2023: Group KPIs



) EBITDA Margin before special items, cpa = currency and portfolio adjusted, rep = as reported

%

41



### FY 2023: Core Net Income and Free Cash Flow

[€ bn]	FY 2022	FY 2023
Net Sales	50.7	47.6
EBITDA before special items	13.5	11.7
Core depreciation	-1.6	-1.6
Core EBIT	11.9	10.1
Core financial result (before special items)	-1.9	-1.9
Core EBT	10.0	8.2
Minorities / noncontrolling interest	0.0	0.0
Core tax rate	21.7%	23.2%
Core tax	-2.2	-1.9
Core Net income	7.8	6.3
Amortization & extraordinary depreciation	-4.9	-8.4
Special Items (EBITDA & Financial Result)	-0.4	-1.4
Tax Effect on Adjustments	1.7	0.6
Net income	4.2	-2.9

 $\rightarrow$  **Net Income** impacted by Crop Science impairments

[€ bn]	FY 2022	FY 2023
Reported EBITDA	13.5	10.6
Tax payments	-2.0	-1.3
Delta pensions	-0.1	-0.2
Gains/Losses Div.	-1.7	-0.2
Delta Working Capital	-2.6	-3.9
t/o Delta Inventories	-2.2	-0.4
t/o Delta Receivables	0.3	0.7
t/o Delta Payables	0.6	0.1
t/o Other Working Capital	-1.3	-4.2
Operating Cash Flow <sup>1</sup>	7.1	5.1
Interest & dividends received	-1.0	-1.1
CapEx <sup>2</sup>	-2.9	-2.8
Free cash flow	3.1	1.3

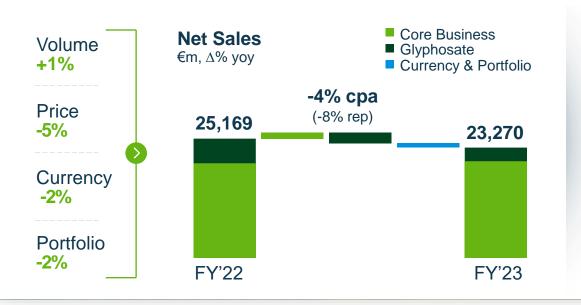
→ Stabilization of **trade working capital** after material price-driven inventory build-up in 2022

→ Other Working Capital driven by increased cash out for incentives in 2023 (for strong 2022 performance) and litigation payments

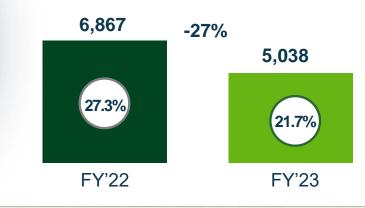
<sup>1</sup>Net cash provided by (used in) operating activities (excluding Interest & dividends received); <sup>2</sup>Cash flow-relevant capital expenditures (without leasing)

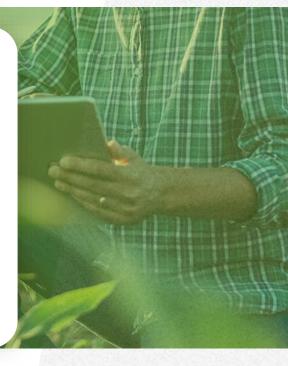
### Crop Science Core Business +7%; Outpaces Market With Pricing

### **Crop Science** FY 2023



EBITDA €m, before special items ○ EBITDA Margin before special items





#### // Core Business +7% with +8% price and -1% volume

**//** Strong pricing led to double-digit growth in corn while soy benefited from higher licensing revenues in LATAM. Significant volume increases in LATAM in Q4, coupled with pricing, mostly in EMEA, drove sales growth for Insecticides and Fungicides

**// Glyphosate-based herbicides sales -43%:** Significant price decline to align to generics, partially offset by as volume recovery

*II* Glyphosate pricing decline and higher inflation, particularly in COGS, weigh on earnings

// Strong pricing in core business, lower incentives, insurance payment related to hurricane Ida, positive FX effects and ongoing efficiencies partially compensate

Sales growth rates in Key Messages cpa = currency and portfolio adjusted; Core business refers to Crop Science business excl. glyphosate-based herbicides

### Strong Pricing from Innovation in the Core Business Partially Compensates for Glyphosate Normalization

#### Crop Science FY 2023

#### FY 2023 Sales by Strategic Business Entity



### **Key Drivers**

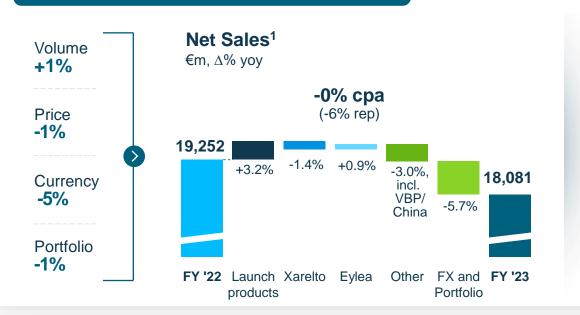
<b>Corn S&amp;T:</b> strong price increases across all regions, higher volumes in NA and APAC
<b>Fungicides:</b> exceptional Q4 volume growth in LATAM, volume recovery in NA, and strong pricing
Herbicides excl. GLY: growth in LATAM driven by 2022 drought recovery slightly offset by lower NA volume
Soy S&T: higher licensing revenues in LATAM
Insecticides: significant Q4 volume growth in LATAM and strong pricing particularly in EMEA
Vegetable Seeds: higher pricing in EMEA
<b>Cotton:</b> lower volumes in the U.S. and APAC mainly due to acreage reduction
<b>Other:</b> lower prices on glyphosate-based products in the professional business
<b>Glyphosate-based Herbicides:</b> significant price decline to align to generics drives strong volume recovery, particularly in LATAM



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### Launch Products and Eylea Largely Make up for Xarelto Decline and China Weakness

#### Pharmaceuticals FY 2023

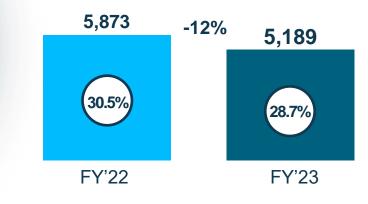


// Launch assets **Nubeqa** and **Kerendia** continue to grow strongly, combined sales crossing €1bn mark; **Eylea's** volume growth more than offsetting price pressure

**// Xarelto** declining as expected due to pricing headwinds and tougher competitive dynamics

*II* Headwinds in **China** caused by COVID dynamics and the country's anti-corruption campaign in the healthcare sector, additionally weighing on VBP affected franchises

EBITDA €m, before special items ○ EBITDA Margin before special items

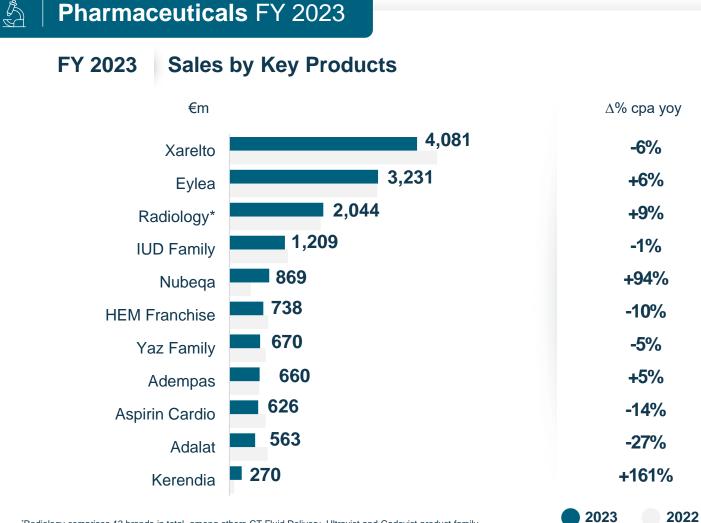


*II* Changes in product mix weighing on profitability, in addition ongoing growth investments in R&D and OCEANIC-AF termination costs

*II* Tight management of marketing spend and proceeds from disposal of non-core businesses supporting margin

<sup>1</sup>Sales growth rates in Net Sales bridge represent the contribution to the overall divisional growth.

Launch Assets Continue Strong Growth Momentum, Eylea and Radiology Playing Out Market Leadership



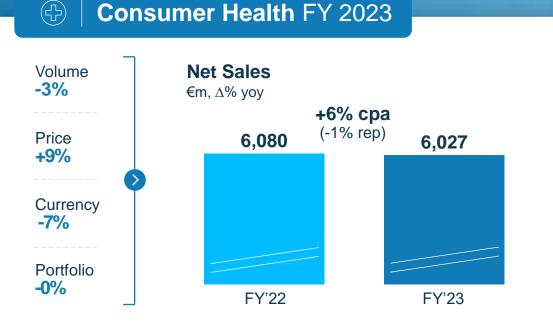
#### **Key Drivers**

	decline caused by competitive and pricing especially in China and UK; lower US royalties
<b>Eylea:</b> c regions p in Europe	ontinued strong volume trend in all marketed artially held back by softer pricing, particularly
	: sales almost doubled again, being the fastest ARI (Androgen Receptor Inhibitor) in the US
Kerend	ia: growth driven by continued US market uptake
Radiolo particula	<b>gy:</b> substantial sales gain, rly for CT Fluid Delivery and Ultravist
IUD Far by highe	nily: volume declines largely compensated r prices
	anchise: decline mostly due to ion, mainly in US and China
	Cardio: sales decline driven channel demand
Adalat:	sales continued to be impacted by VBP in China

Radiology comprises 13 brands in total, among others CT Fluid Delivery, Ultravist and Gadovist product family

2023

# Continued Broad-Based Sales Growth and Significant Margin Expansion





// Broad based growth in LATAM and EMEA across all categories

// Customer destocking patterns in North America and slowdown of demand in APAC (esp. Nutritionals)

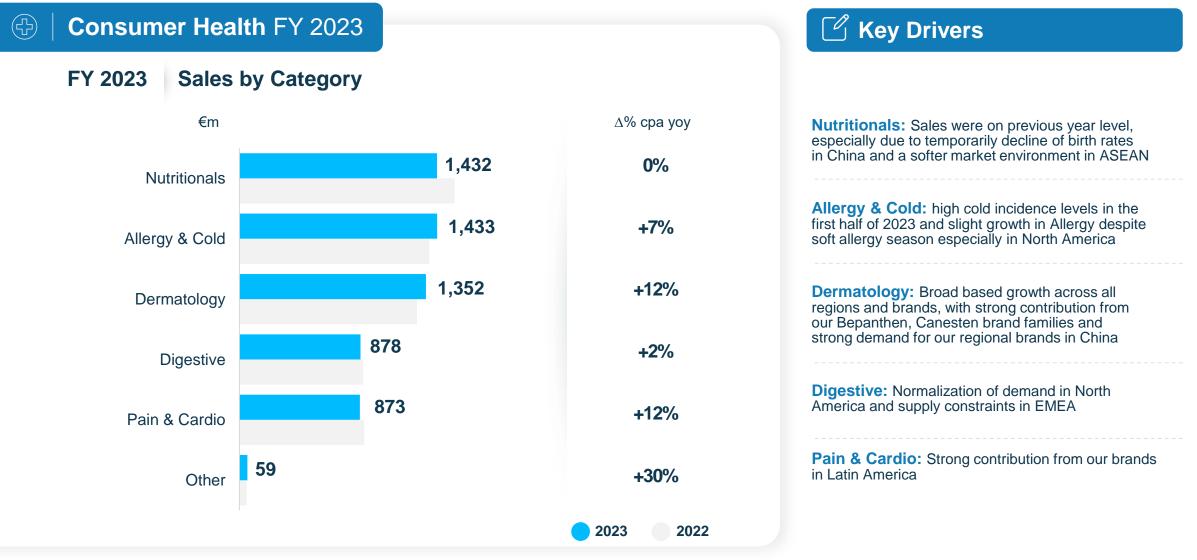
*II* Continued roll-out of innovation in Dermatology and high number of cold incidences in HY1

// Value of our brands allows for targeted and active pricing

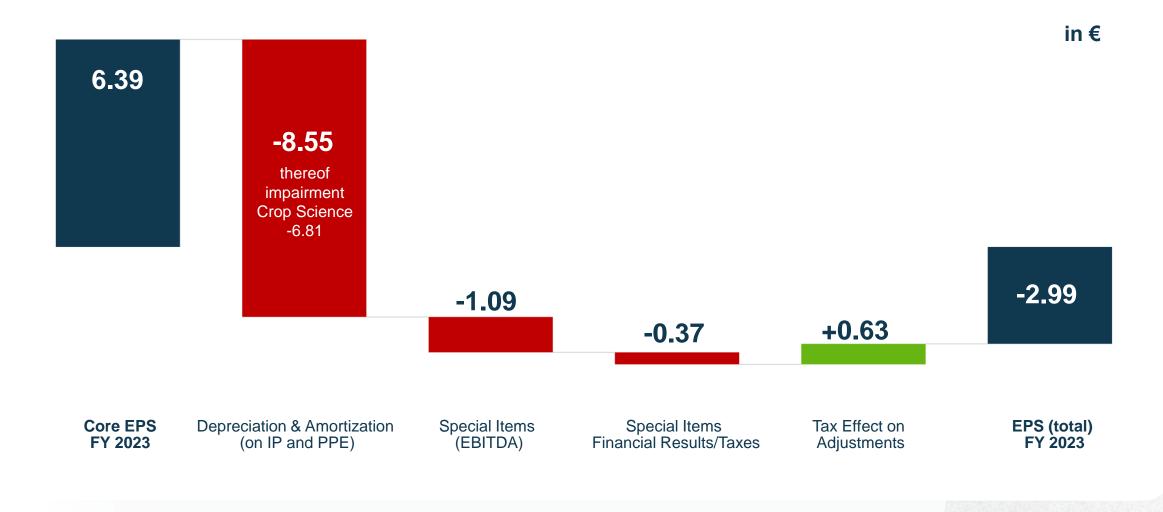
**//** Operational productivity programs and active pricing compensate cost inflation

// Negative currency effects weigh on earnings

# Innovation in Dermatology and Strong, Balanced Remaining Portfolio, Driving Growth







#### BAYER E R

### FY 2023: Key Financial Measures by Division

	Crop S	cience	Pharmac	euticals	Consumer Health		Recond	iliation	Gro	up
[€ million, if not specified]	FY 2022	FY 2023	FY 2022	FY 2023	FY 2022	FY 2023	FY 2022	FY 2023	FY 2022	FY 2023
Sales	25,169	23,270	19,252	18,081	6,080	6,027	238	259	50,739	47,637
Sales by region:										
Europe / Middle East / Africa	4,843	4,668	7,424	7,198	1,921	1,967	241	253	14,429	14,086
North America	10,341	9,135	4,772	4,765	2,458	2,352	0	2	17,571	16,254
Asia / Pacific	2,433	2,287	6,051	5,143	967	938	0	1	9,451	8,369
Latin America	7,552	7,180	1,005	975	734	770	-3	3	9,288	8,928
Cost of goods sold <sup>1,2</sup>	-12,501	-13,480	-4,081	-4,175	-2,116	-2,089	-188	-2	-18,886	-19,746
Selling expenses <sup>1,2</sup>	-4,634	-4,278	-6,180	-5,843	-2,593	-2,525	-139	74	-13,546	-12,572
Research and development expenses <sup>1,2</sup>	-2,551	-2,355	-3,321	-3,333	-218	-224	-78	77	-6,168	-5,835
General administration expenses <sup>1</sup>	-785	-696	-779	-800	-160	-148	-766	-498	-2,490	-2,142
Other operating income / expenses <sup>1</sup>	-288	87	-155	265	11	7	40	-112	-392	247
EBIT before special items	4,410	2,548	4,736	4,195	1,004	1,048	-893	-202	9,257	7,589
EBIT margin before special items [%]	17.5%	10.9%	24.6%	23.2%	16.5%	17.4%	-375.2%	-78.0%	18.2%	15.9%
Special items	-1,460	-6,034	249	-224	-47	110	-987	-829	-2,245	-6,977
EBIT	2,950	-3,486	4,985	3,971	957	1,158	-1,880	-1,031	7,012	612
Depreciation & Amortization <sup>1</sup>	2,457	2,490	1,137	994	363	363	299	270	4,256	4,117
EBITDA before special items	6,867	5,038	5,873	5,189	1,367	1,411	-594	68	13,513	11,706
EBITDA margin before special items [%]	27.3%	21.7%	30.5%	28.7%	22.5%	23.4%	-249.6%	26.3%	26.6%	24.6%
Special items	679	-70	339	-168	-47	-43	-969	-793	2	-1,074
EBITDA	7,546	4,968	6,212	5,021	1,320	1,368	-1,563	-725	13,515	10,632
Operating cash flow, continuing <sup>3</sup>	3,394	1,850	3,588	3,409	1,046	951	-935	-1,093	7,093	5,117
Cash flow-relevant capital expenditures <sup>4</sup>	-1,486	-1,268	-1,045	-1,064	-173	-142	-245	-277	-2,949	-2,751

<sup>1</sup>Before special items; <sup>2</sup>Includes purchase price amortization (PPA) of €955m in COGS, €157m in selling expenses, €117m in R&D in 2023 and €956m in COGS, €172m in selling, €123m R&D in 2022, for Crop Science and Group; <sup>3</sup>Net cash provided by (used in) operating activities; <sup>4</sup>Cash flow-relevant capital expenditures (without leasing).

////////// Health for all, Hunger for none



# BAYER CROP SCIENCE

Scaling Regenerative Agriculture

Capital Markets Day 2024

RODRIGO SANTOS President, Bayer Crop Science

### Bayer Crop Science Strategic Agenda



### Our Vision Aspires to Address Global Challenges at Scale

#### Produce 50% More.



#### Restore Nature.



#### Scale Regenerative Ag.



### Sustainability Commitments<sup>1</sup>

**30%** Reduction in GHG emissions per kg of crops produced

### 30%

Reduction in crop protection impact on the environment 25%

Improvement of water use per kg of rice produced

### **100m**

Empower 100m smallholder farmers

FAO= Food and Agriculture Organization; GHG= Greenhouse Gas; <sup>1</sup> For detailed commitments see our Sustainability Report

53

#### BAYER ER

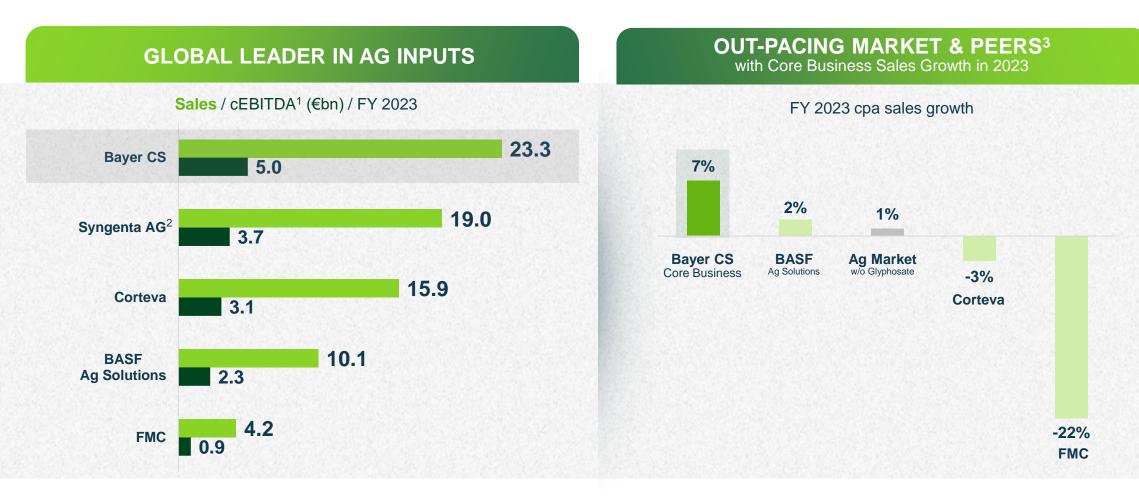
### Ag Input Market Growing Over Two Percent to Meet Demand

Potential to Double our Accessible Market Through Investments in Innovation in Adjacent Spaces



### The Established Leader in Crop Science

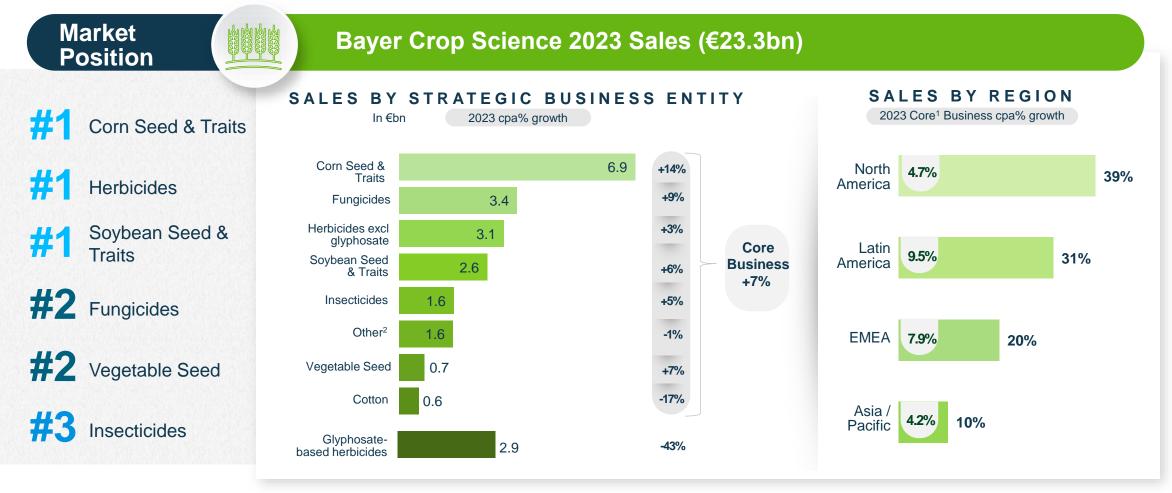
Industry-Leader Outpacing Market and Peers in Core Business in 2023



<sup>1</sup> Company information; exchange rate: FY 2023: ~1.08 USD/EUR.;
 <sup>2</sup> Syngenta AG as of FY'22, ~1.05 USD/EUR; <sup>3</sup> Syngenta not included as FY'2023 results were not yet published by March 5th, 2024. Core = Crop Science business excl. glyphosate-based herbicides

### Growers Worldwide Recognize the Value We Deliver

#1 in Seed & Traits with Leading Crop Protection Portfolio

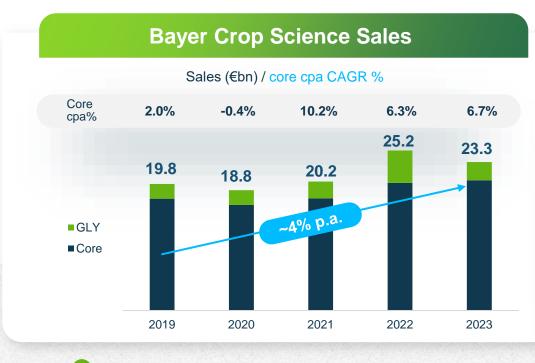


Note: Market Position determined annually, as of Q1-2023

<sup>1</sup> Core business refers to Crop Science business excl. glyphosate-based herbicides; <sup>2</sup> Other includes Environmental Science, Oilseeds, Other Seeds, SeedGrowth

### Pricing to Innovation in Our Core Business Powers Sales CAGR

Industry Leading EBITDA Despite Significant Cost Inflation



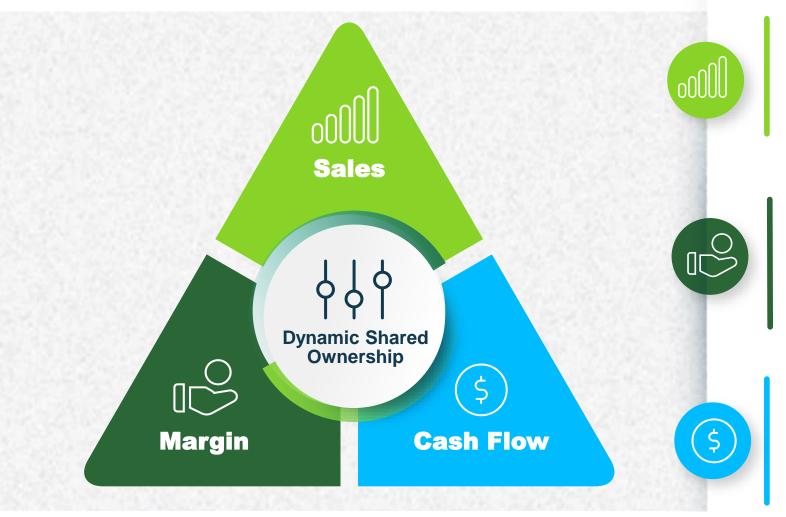
- Total division sales grew €3.5bn (~4% CAGR) '19-'23
  - Core business delivers ~4% CAGR '19-'23, mostly pricing from innovation
  - Glyphosate-based herbicide pricing out-performed in 2022; drove >€2.0bn sales growth before normalizing in 2023

#### **Bayer Crop Science EBITDA<sup>1</sup>**



- Industry leading EBITDA<sup>1</sup>, despite >€2bn inflationary headwinds since 2020
- Higher glyphosate pricing due to reduced generic supply drove out-performance of EBITDA<sup>1</sup> and related margin in 2022

Driving Operational Excellence to Outgrow the Market in the Core Business and Improve Profitability and Cash Generation



#### SALES

- Accelerated innovation and enablement of system solutions
- Optimized service to customers
- Reinvestment in growth opportunities

### MARGIN

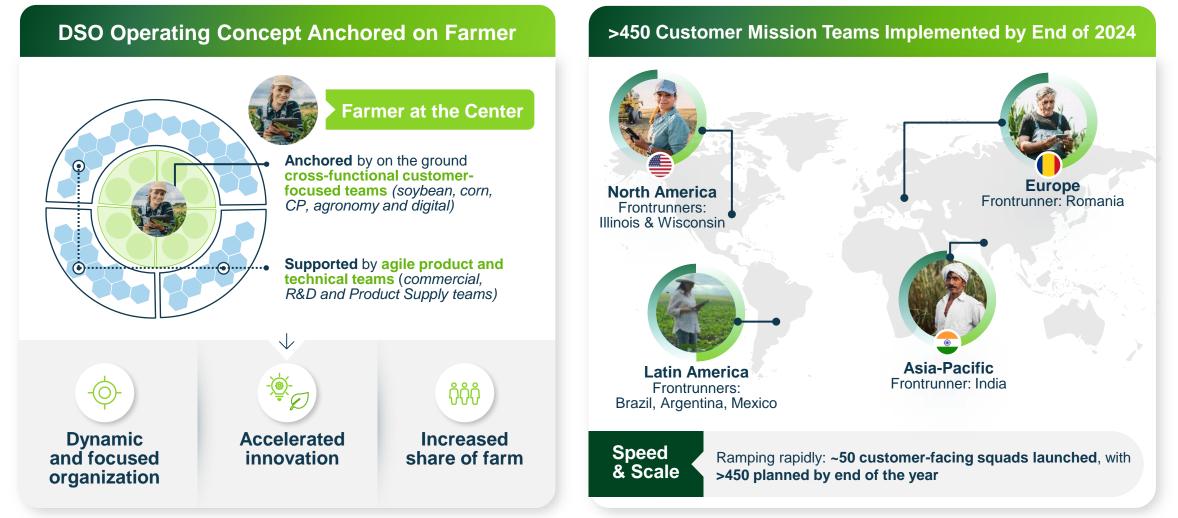
- Implement DSO driven organizational effectiveness and de-layering to generate personnel related savings
- Improve cost of goods and services in product supply

### **CASH FLOW**

- Working capital to sales ratio improvement; focus on inventory
- Optimized CAPEX efficiency

### DSO Anchored on Customer and Moving to Scale in 2024

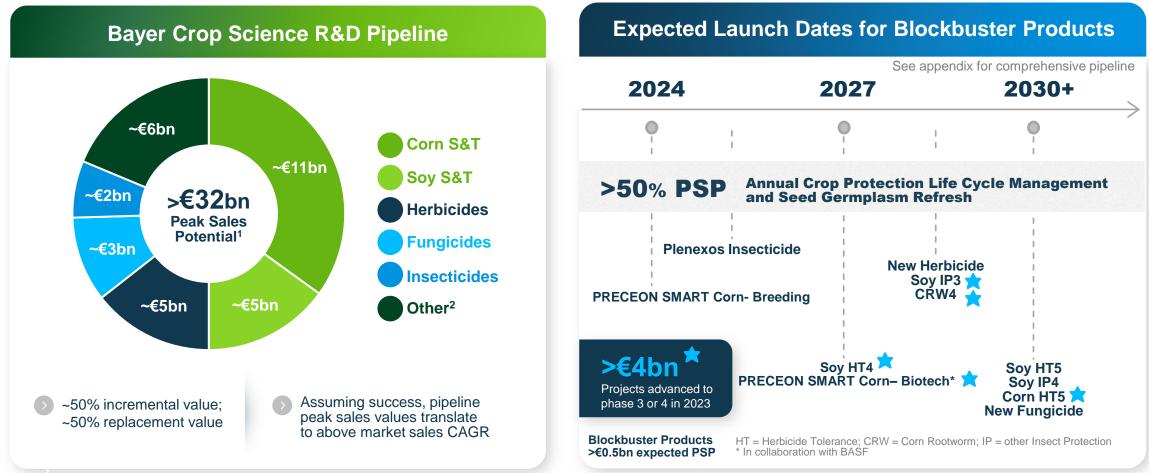
Dynamic Shared Ownership Unlocks New Opportunity for Competitive Differentiation



LATAM frontrunners to start end of Q1/beginning Q2- following end of season

### Extending Our Leadership Position Through Our Pipeline

>€32bn Peak Sales Potential; Ten Blockbusters Expected to Launch in Next Decade



<sup>1</sup> Represents 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. Direct-seeded rice, carbon farming, corn biotech traits in Asia and Africa and ~1.5bn EUR sales ambition in biologicals are upsides.
<sup>2</sup> "Other" category includes seeds and traits, such as cotton, canola, wheat, OSR, rice, vegetable seeds and sugarbeets, plus digital platforms and SeedGrowth

#### BAYER E R

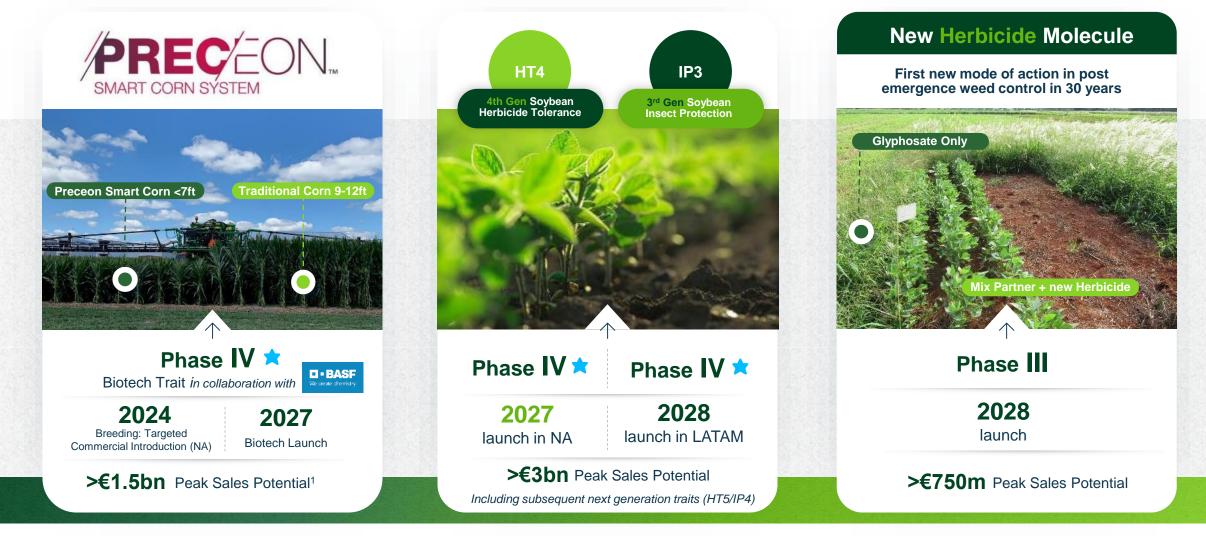
### Annual Portfolio Refresh Provides Foundation for Growth

Pricing and Sales Mix Opportunity Across Our Leading Global Footprint Enhanced by Digital Assets



### Blockbuster Technologies for System Solutions Advancing

Ten Blockbuster Product Launches Anticipated in Next Decade; Five Advanced in 2023



## 2024 Guidance and our Mid-Term Ambition Through 2026

Ċ	<b>2023</b> In €bn	2024e at constant FX <sup>1</sup>
Net Sales	23.2	-1% to 3% <sup>2</sup>
Core	20.3	1 to 4%
Glyphosate	2.9	-12% to -8% <sup>3</sup>
EBITDA margin (before special items)	21.7%	20% to 22% <sup>2</sup>
Innovation	I	

#### 5월 Mid-Term

#### **Outgrow market in Core business<sup>4</sup>:**

- // Annual industry-leading seed germplasm refresh
- // Crop protection life cycle management
- // Crop protection volume recovery

#### Improve profitability:

- // DSO personnel related savings and efficiencies
- // CP raw material cost reduction and supply chain optimization
- // Pricing to value for physical and digital innovation

#### **Extend innovation leadership**

- // Sustain annual portfolio refresh
- // Advance pipeline to enable ten blockbuster launches in ten years
- // Invest in adjacent spaces and new markets

Core = Crop Science business excl. glyphosate-based herbicides

<sup>1</sup> Reflects our 2024 guidance at the average actual currencies for 2023; <sup>2</sup> Estimated FX impact of ~-2%, estimated EBITDA Margin FX impact not material (Currency assumptions based on month-end December 2023 spot rates (1 EUR=) 1.11 USD, 5.36 BRL, 7.87 CNY. Impact is calculated as difference to constant currencies = at average actual currencies for 2023); <sup>3</sup> Assumes pricing based on \$3.80/kg Chinese generic reference price (15 yr. median); <sup>4</sup> On a currency and portfolio adjusted basis

## Delivering Regenerative Ag Solutions to Outperform the Market





Appendix

## Crop Science: Seed & Traits and Digital R&D Pipeline

### (Annual Update March 2024)

BAYER

Phase I		Phase II		Phase III		Phase IV		PSP	
Corn Disease Shield - NA	Ľ	Corn LEP5 2nd Generation Seed Density Digital Tool - NA Digital Disease Mgmt. – NA Seed Placement Digital Tool - NA	<b>×</b>	Corn HT5 2 <sup>nd</sup> Gen Seed Density Digital Tool – EMEA 2nd Gen Seed Density Digital Tool – LATAM	× CI CI	PRECEON Smart Corn - Breeding PRECEON Smart Corn – Biotech Trait <sup>2</sup> Corn LEP4 CRW4	nor nor Dis	~€11bn	
Annual Germplasm Upgrades	*	Annual Germplasm Upgrades	×	Annual Germplasm Upgrades	×	Annual Germplasm Upgrades	×		
		Soy IP4 Digital Disease Mgmt NA Seed Placement Digital Tool – LATAM	ğ Di	2nd Generation Soy Cyst Nematode resistance Soy HT5 (6 <i>Tolerances – Adds PPO</i> ) Seed Placement Digital Tool – NA	<u>بر</u> بر ا	Soy IP3 Soy HT4 (5 Tolerances – Adds 2, 4-D and HPPD) Vistive Gold Xtend	MA MA	~€5bn	
Annual Germplasm Upgrades Soybean Native Resistance	<u>بر</u> بر	Annual Germplasm Upgrades Soybean Native Resistance	史 史	Annual Germplasm Upgrades Soybean Native Resistance	بلا بلا	Annual Germplasm Upgrades Soybean Native Resistance	史 史		
Canola/OSR Digital Disease Mgmt NA Wheat Annual Germplasm Upgrades Wheat Disease Package Upgrades Cotton Annual Germplasm Upgrades		Wheat Digital Disease Mgmt EMEA Canola HT4	LI Ž	Sugarbeets 2nd Generation Herbicide Tolerance <sup>1</sup> Cotton HT4 (5 tolerances – Adds 2, HPPD and PPO) Cotton IP4	M M		X	)n <sup>3</sup>	× ·
Wheat Annual Germplasm Upgrades Wheat Disease Package Upgrades Cotton Annual Germplasm Upgrades Canola/OSR Annual Germplasm Upgrades Veg- Annual Germplasm Upgrades Rice Annual Germplasm Upgrades	2 2 2 2 2 2	Wheat Annual Germplasm Upgrades Wheat Disease Package Upgrades Cotton Annual Germplasm Upgrades Canola/OSR Annual Germplasm Upgrades Veg- Annual Germplasm Upgrades Rice Annual Germplasm Upgrades	2 2 2 2 2 2	Wheat Annual Germplasm Upgrades Wheat Disease Package Upgrades Cotton Annual Germplasm Upgrades Canola/OSR Annual Germplasm Upgrades Veg- Annual Germplasm Upgrades Rice Annual Germplasm Upgrades	史史史史史	Wheat Annual Germplasm Upgrades Wheat Disease Package Upgrades Cotton Annual Germplasm Upgrades Canola/OSR Annual Germplasm Upgrades Veg- Annual Germplasm Upgrades Rice Annual Germplasm Upgrades	* * * * * *	~€5bn³	Advance HT = He CRW = LEP = L IP = oth

~€21bn

**PSP** 

Projects listed here and included in the peak sales potential by segment do not include projects funded by our Leaps by Bayer investments; includes all advancements made in FY'23, updated Mar'24 PSP = Peak Sales Potential, 50% incremental; Expected to reach 30% of PSP by 2032, 80% of PSP by 2038 and remainder in 2039+; Note that products are excluded from the pipeline PSP typically the year following launch

<sup>1</sup> In collaboration with KWS; <sup>2</sup> In collaboration with BASF; <sup>3</sup> "Other" category includes seeds and traits, such as cotton, canola, wheat, OSR, rice, vegetable seeds and sugarbeets, plus carbon and digital Models.

### Crop Science: Crop Protection R&D Pipeline (Annual Update March 2024)

	Phase I	Phase II	Phase III	Phase IV	Life Cycle Management <sup>1</sup>					
HERBICIDES	New Al Development New Herbicide ✓ ✓ ✓	New Herbicide 🗸 🖧	New Herbicide ✓ ✓ ✓ ♣ New Herbicide ✓ ♣ New Herbicide <sup>3</sup> ✓ ♣		Non-Selective         Glyphosate LCM       ✓         Selective       ✓         Merlin Flexx / Adengo LCM       ✓       Council Family         Balance Flexx LCM       ✓       Ronstar One       ✓         Convintro       ✓       Mesosulfuron LCM       ✓         New over-the-top herbicide       ✓       ✓       Mesosulfuron LCM       ✓	~€5bn				
INSECT. FUNGIC.	New Insecticide 🖌 🖌 🙏	New Fungicide     ✓     ∞       New Fungicide     ✓     *       New Insecticide     ✓     *       New Insecticide     ✓     *	New Fungicide³ ✔✔ ♣	Plenexos 🗸 🗸 🎝	Nativo Plus     ✓       Delaro Forte     ✓       Vayego Duo     ✓       Fluopyram     ✓	~€2bn <mark>~€3bn</mark>				
SEED GROWTH <sup>2</sup>			New Seed Treatment 🧹 🍫	Ibisio 🗸 by	INS FUN ready mixture Ladoran Next gen. Potato Fungicide ✓	Ē				

Corn 🗸 Soybeans 🖌 Fruits and vegetables 🗸 Cereals, oilseed rape, sugarbeets, cotton and rice 🍾 Biological

🧘 Small Molecule

~€11bn

**PSP** 

<sup>1</sup> Shown here is a subset of Bayer's total life cycle management activities; focused on new formulation developments which have the potential to bring significant innovation to customers compared to currently marketed product; Products shown may not yet be fully registered in all jurisdictions; includes all advancements made in FY'23, updated Mar'24; <sup>2</sup> SeedGrowth is currently reported within other SBEs; <sup>3</sup> 3rd party collaboration

PSP = Peak Sales Potential, 50% incremental; Expected to reach 30% of PSP by 2032, 80% of PSP by 2038 and remainder in 2039+; Note that products are excluded from the pipeline PSP typically the year following launch.

advanced to next phase
Selection of projects listed here and included in the peak sales potential by segment do not include projects in early research or discovery



Sustainability <u>Report</u> R

R

Innovation Summit June 2023 Health for all, Hunger for none

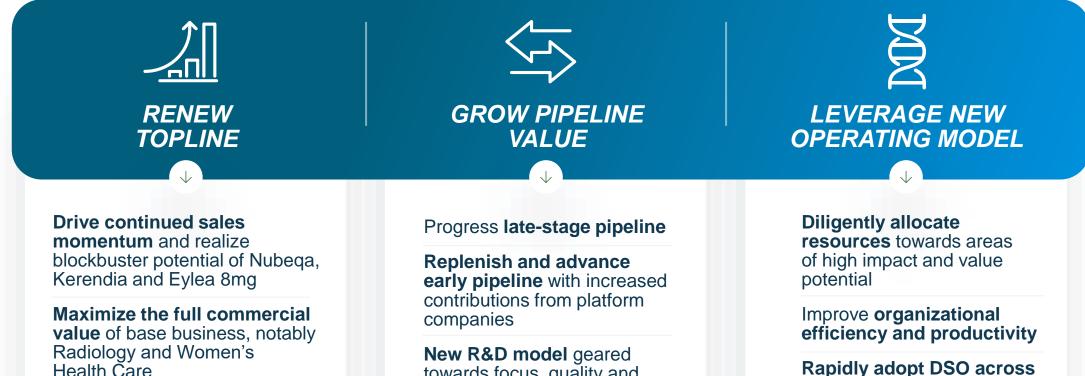


# BAYER DHARARAAA PREPARING FOR LONG-TERM GROWTH WHILE MANAGING LOE TRANSITION

Capital Markets Day 2024

STEFAN OELRICH President Bayer Pharmaceuticals

#### BAYER Bayer Pharma's Strategic Agenda

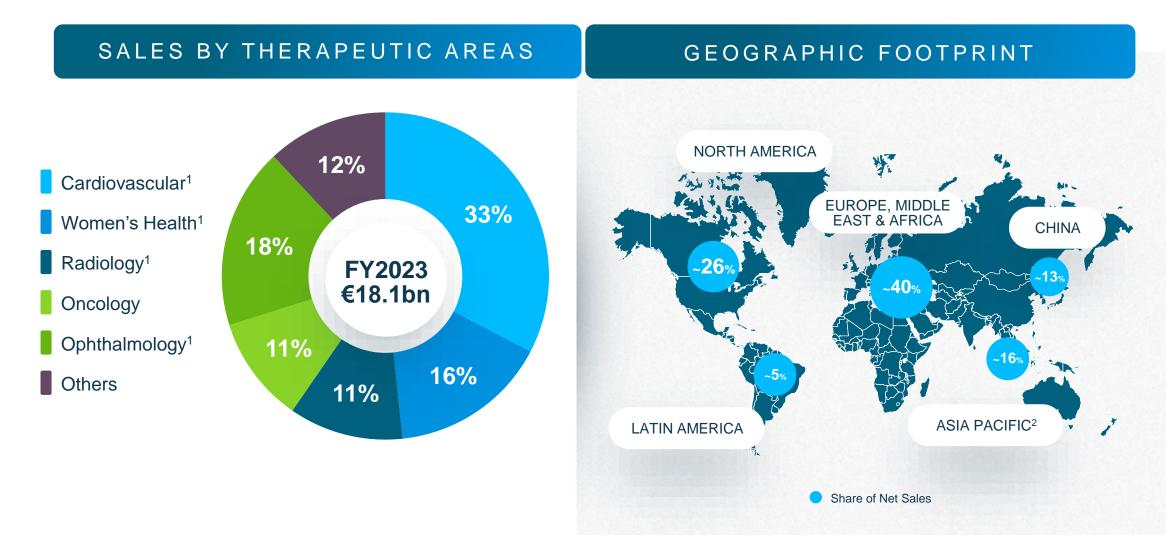


Prepare launch of Elinzanetant and Acoramidis

towards focus, quality and productivity

**Rapidly adopt DSO across** division following frontrunner success

# Bayer Pharma Sales Diversified Across Therapeutic Areas and Geographies



<sup>1</sup> Strong market positions in the respective indication <sup>2</sup> excl. China

### Leading Franchises Providing Sales Growth and Resilience, Margin Profile Impacted by LoE Transition and Strategy Execution



2021

2022

2023

#### **Key Drivers**

Growing sales contributions from recently launched Nubeqa and Kerendia

Strong Eylea and Radiology performance balancing increasing headwinds from China VBP program and first LoE's of Xarelto

Revision of R&D model and enhancement of capabilities through acquisitions of platform companies

Continued shift of resources towards R&D and launch brands; U.S. re-entry with R&D and commercial footprint

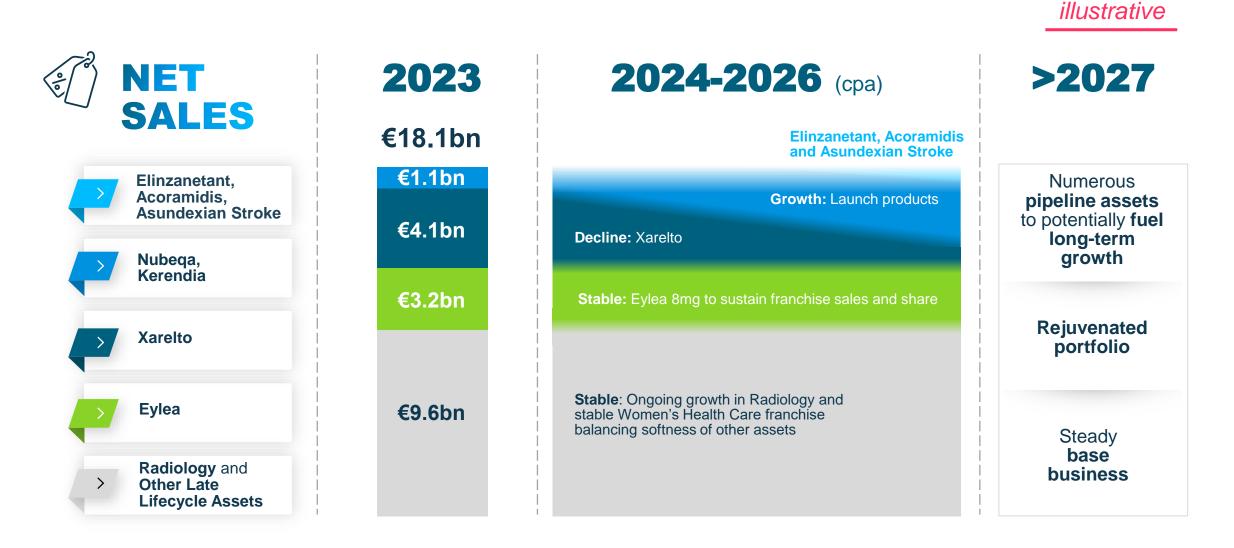
Tight cost management to fund growth investments while mitigating inflation and margin diluting change in product mix

72

2019

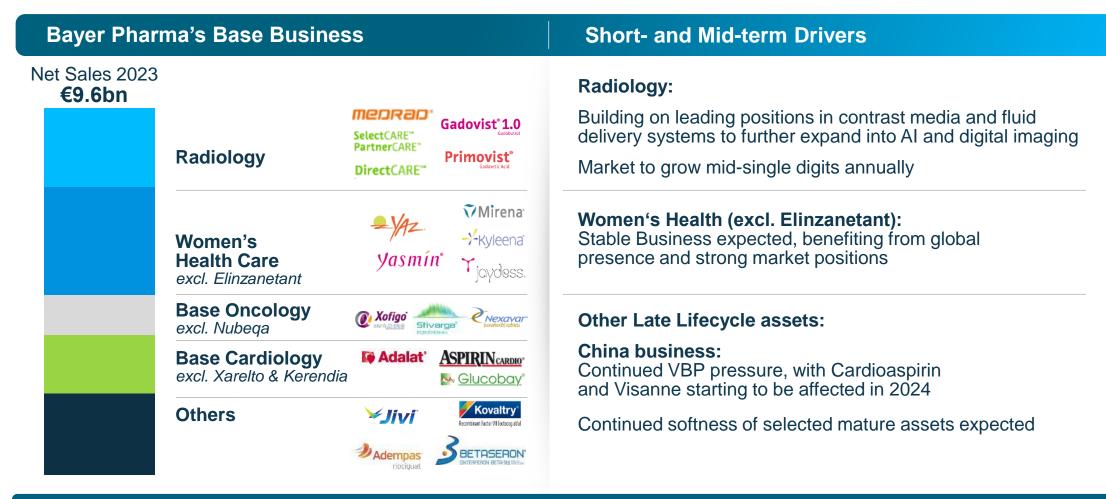
2020

Launch Assets and Late-Stage Pipeline Expected to Largely Offset LoEs on Stable Base Business



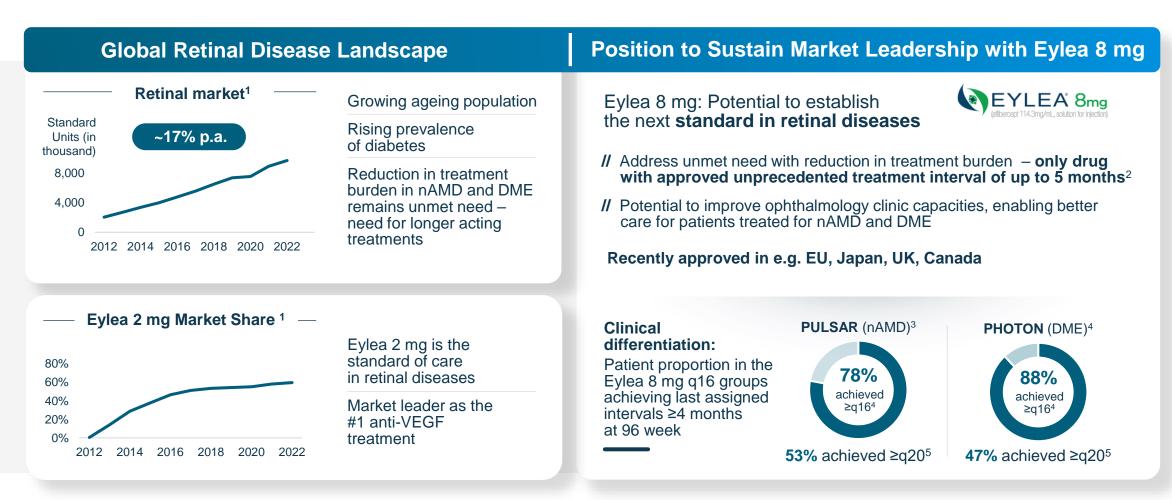
BAYER E R

# Despite its Maturity, Key Parts of Our Base Business Are Benefitting from Strong Market Positions and Supportive Trends



Ongoing growth in Radiology and stable sales contributions from Women's Health balancing softness in remaining portfolio

### With Its Unparalleled Clinical Profile, Eylea Positioned to Continue Market Leadership in a Growing Market



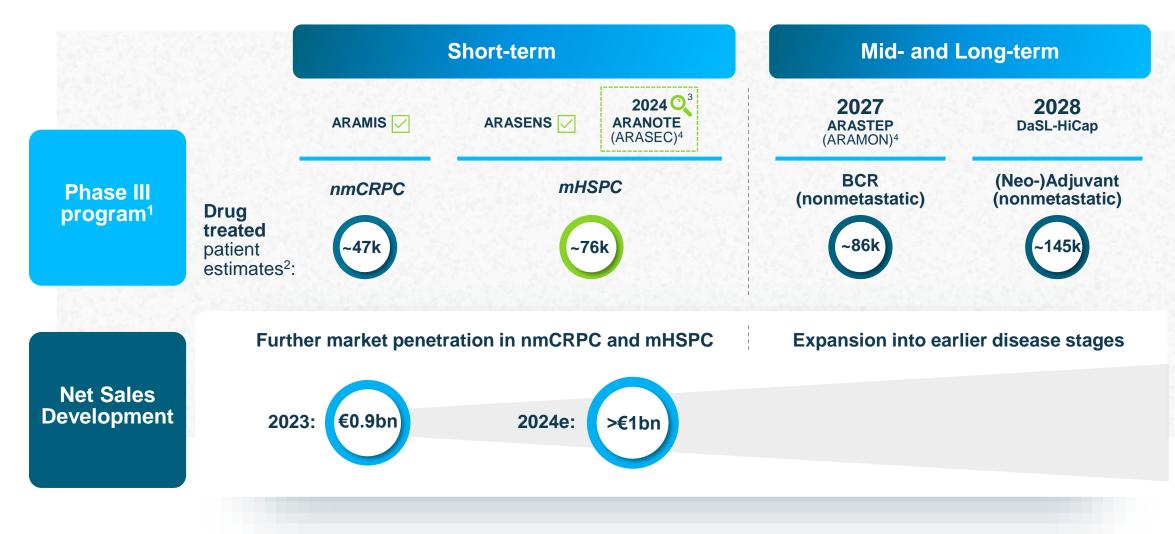
<sup>1</sup> Source: MARS MIDAS – EX US, BAYER panel scope : IQVIA: IQVIA MIDAS® Quarterly for the following countries: Argentina, Australia, Belgium, Brazil, Canada, Czech Republic, Germany, Greece, Italy, Japan, Korea, Rep. Of, Mexico, Poland, PR of China, Russian Fed., Saudi Arabia, Spain, Switzerland, Taiwan, Turkey, United Kingdom, for ATC: S1P0; Volume sales (Standard Units), reflecting estimates of real-world activity. Copyright IQVIA. All rights reserved. Close-up: Chile, Farminform: Netherlands, Insight Helath: Austria, Nordic Pharma Insights: Sweden <sup>2</sup> Source: https://www.ema.europa.eu/en/documents/product-information/eylea-epar-product-information\_en.pdf <sup>3</sup> 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/ <sup>4</sup> Source: https://www.bayer.com/media/en-us/aflibercept-8-mg-in-diabetic-macular-edema-first-to-achieve-sustained-vision-gains-with-up-to-83-of-patients-extended-to--16-24-weeks-at-two-years/ <sup>5</sup> Randomized to Eylea 8mg q16 groups

### Xarelto to Face Genericization in the Next Three Years Globally

Xare	lto's main p	atent expira	tions	Historic Genericization Patterns of Small Molecules
Countries	% of Total Xarelto Sales <sup>1</sup>	Compound patent expiry	Once-daily patent expiry	Prior cardiovascular LoE benchmark <sup>5</sup>
China	6%	End 2020		80% Vitandard Units
Europe <sup>2</sup>	60%	April 2024	January 2026	60%
Japan	10%	Mid 2024		40%
USA	13%	Beginning of 2025	2027	0%
Others	11%	2020-2024 <sup>3</sup>	January 2026 (few markets <sup>4</sup> )	Year 0 Year 1 Year 2 Year 3 Year 4 Year 5 Year 6 Year 7 — EU 5 — Brazil & Mexico — USA

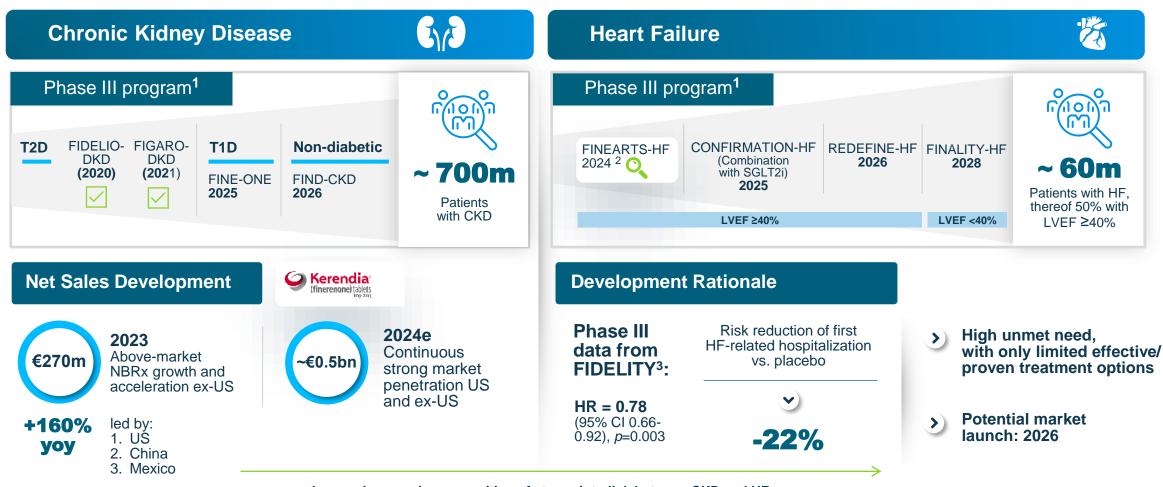
<sup>1</sup> Based on 2023 Actual Sales <sup>2</sup> OD patent currently being challenged in several European countries <sup>3</sup> In most markets end 2020, longer expiry dates in Brazil (2021), Korea (2021), Mexico (2023), Malaysia (2024), and others <sup>4</sup> Such as e.g. Australia, Indonesia <sup>5</sup> Typical cardiovascular brand volume genericization based on the CV brands Crestor<sup>™</sup>, Lipitor<sup>™</sup>, Valsartan<sup>™</sup>, and Plavix<sup>™</sup> (atypical curves excluded)

### Nubeqa Set for Continued Growth in Prostate Cancer Driven by Market Penetration and Label Expansion



<sup>1</sup> 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 <sup>2</sup> 2030 Treated Estimates G7: U.S., EU5, JP <sup>3</sup> Next expected Read-out <sup>4</sup> Not label generating; supports ARASTEP/ARANOTE submission

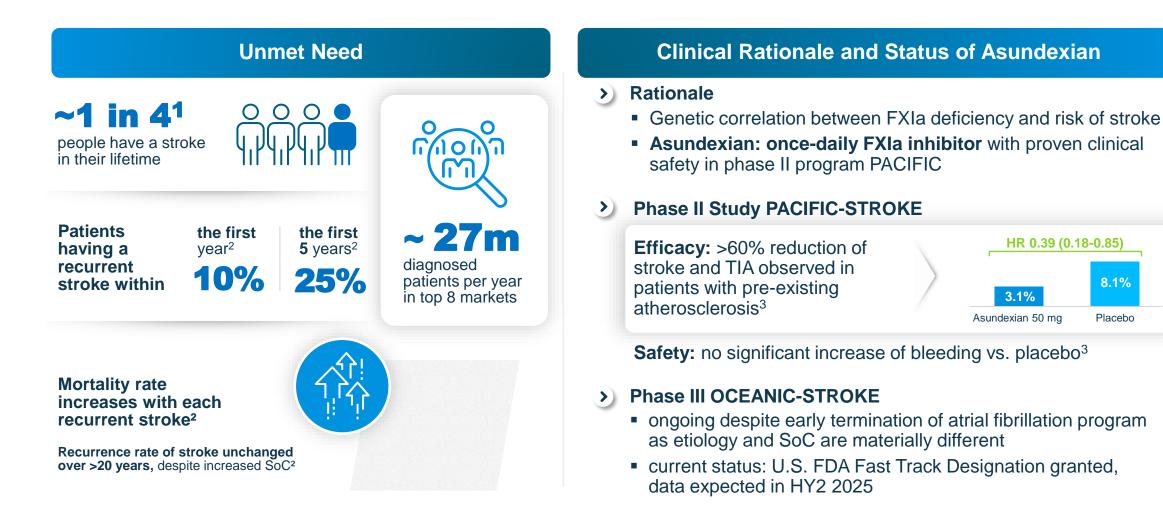
### Kerendia With Potential to Become Foundational Treatment for Broad Groups of Patients with Kidney Disease or Heart Failure



Leveraging growing recognition of strong interlink between CKD and HF

<sup>1</sup> Timelines of the Phase III program refer to estimated primary completion dates of the respective study <sup>2</sup> Next expected read-out <sup>3</sup> Agarwal et al, EHJ 2022, 43 (6), 474–484.

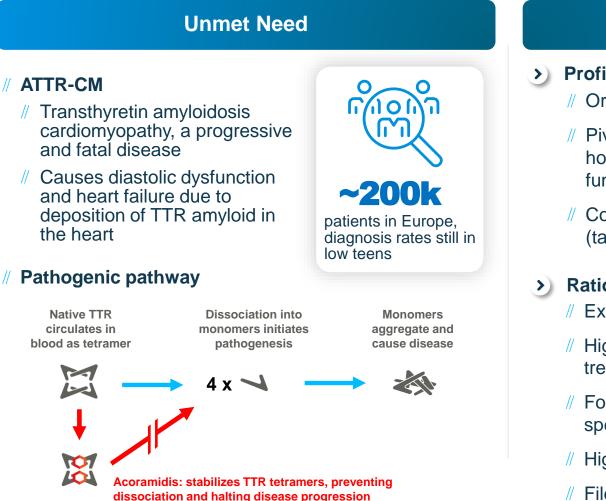
### Asundexian is Targeting a High Unmet Need in Secondary Stroke Prevention



<sup>1</sup> Feigin VL et al., *Lancet Neurol.* 2023, 22(12), 1160-1206. 7. Global Stroke Factsheet, *International Journal of Stroke* 2022, 17(1), 18-29 [Accessed: February 2024]. <sup>2</sup> Kolmos M et al., *J Stroke Cerebrovasc Dis.* 2021, 30(8),105935. <sup>3</sup> Shoamanesh A et al., *Lancet* 2022, 400, 997-1007; composite outcome of ischemic stroke and TIA in patients with any atherosclerosis was an exploratory post-hoc analysis



### Acoramidis<sup>1</sup> with Competitive Clinical Profile to Treat ATTR-CM, **Complementing Our CVD Franchise in Europe**



#### <sup>1</sup> Acoramidis is an investigational molecule. The safety and efficacy have not been fully evaluated by regulatory authorities

### Profile and Deal Rationale of Acoramidis

#### Profile

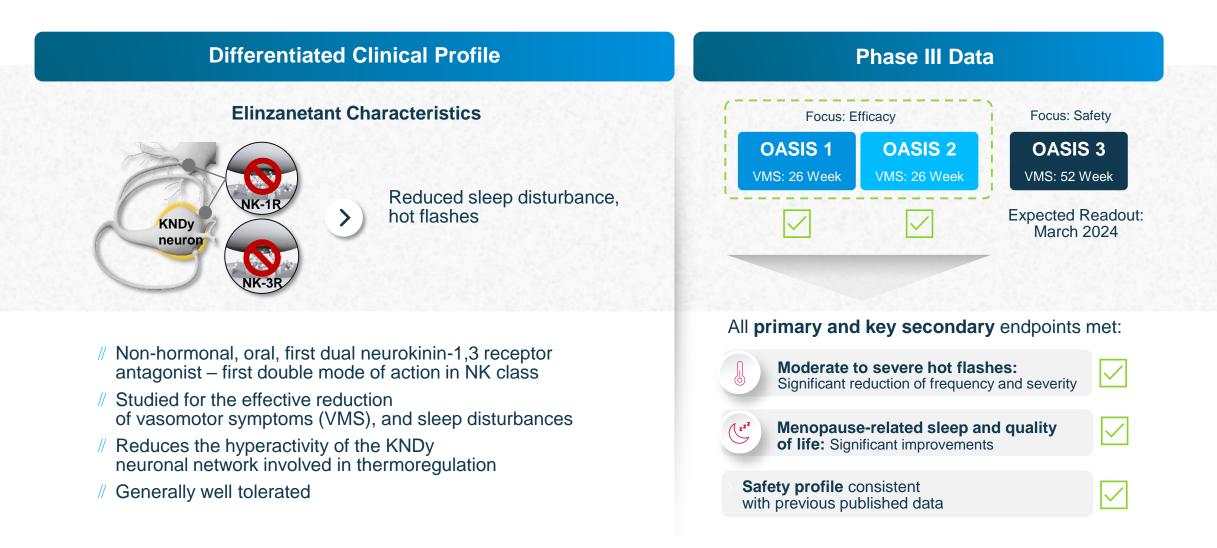
- // Oral TTR stabilizer for patients with ATTR-CM
- // Pivotal Phase III study ATTRibute-CM: significant reduction of hospitalization burden, improved survival and preserved functional capacity and quality of life
- Competitive efficacy and safety vs. standard of care (tafamidis)

#### Rationale

- # Exclusive license to commercialize Acoramidis in Europe
- High unmet need in an underserved disease, ~17k EU patients treated with tafamidis (~€1bn of annual sales) today
- // Focused market with small, well-defined patient population and specialized centers-of-excellence playing a key role
- High synergies with Bayer's existing CV infrastructure
- # Filed for regulatory approval in Europe, expected launch in 2025

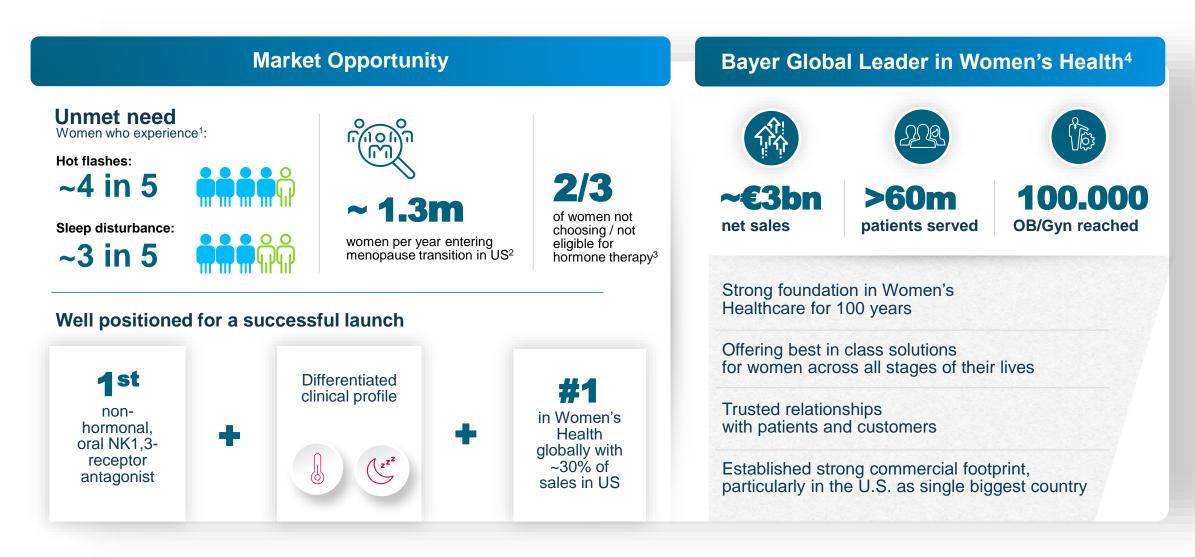


### Elinzanetant Offers a Differentiated Clinical Profile to Treat Symptoms Associated With Menopause



### BAYER ER

# Elinzanetant Targeted to Enter Large and Underserved Market in 2025



<sup>1</sup> Source: Market Research - IPSOS - Global VMS Women Segmentation <sup>2</sup> Source: NIH. <u>https://www.ncbi.nlm.nih.gov/books/NBK507826</u> <sup>3</sup> Source: Project Heat Market Research, 2018 SHA VMS Prescriber analysis <sup>4</sup> IQVIA Feb 2023, Rx market comprising contraception, menopause management & gynecological therapies

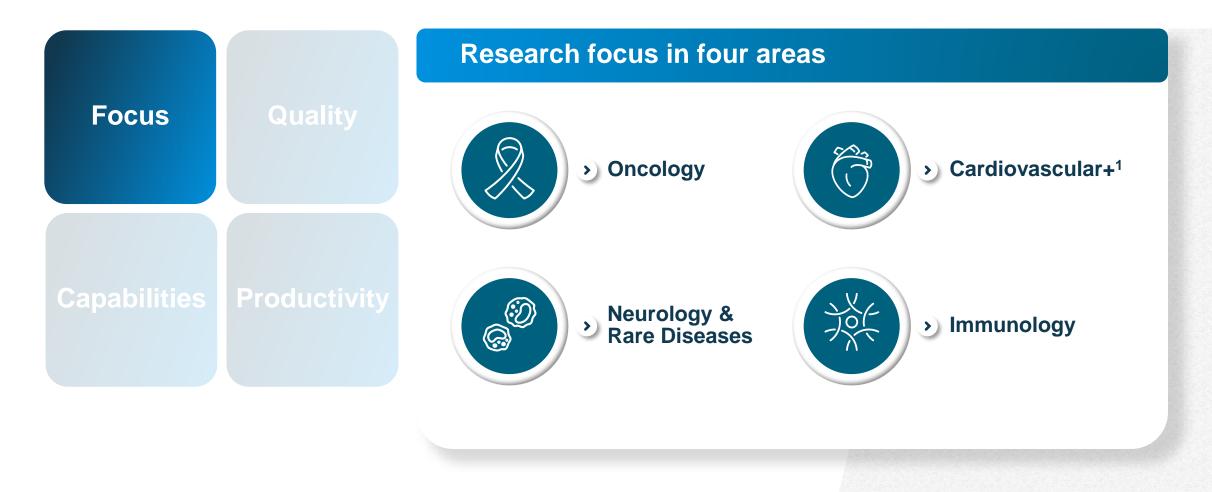
## New Innovation Model to Rapidly Rebuild Pipeline

High Level of Focus, Quality and Productivity

Focus	Quality	Capabilities	Productivity
	✓ Rigorous application	✓ Biotech-like R&D	Shift to value creation,
Narrowed research focus from eight to four core therapeutic areas	of selection criteria have let to a more streamlined and differentiated pipeline	operating system with a mix of innovative and diverse therapeutic modality platforms	product-centric operating model, leaner governance with renewed leadership team

## Focus: Zeroing in on High Unmet Need With Great Value Potential

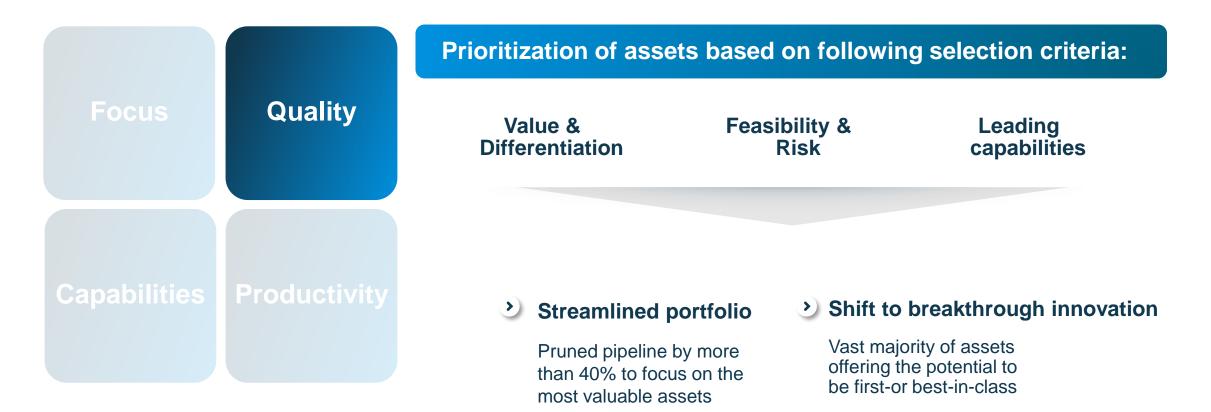
Four Therapeutic Areas in R&D



84

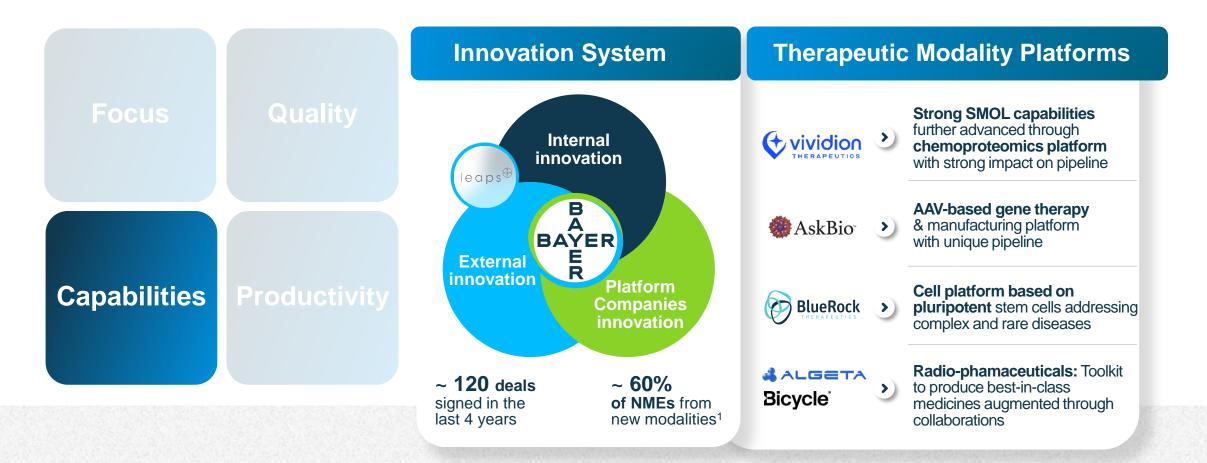
## Quality: Pursuing Leading Innovation Across all Focus Areas

Revised Target-Product-Profile of Our Assets



## Capabilities: Established Toolbox of Leading Modalities

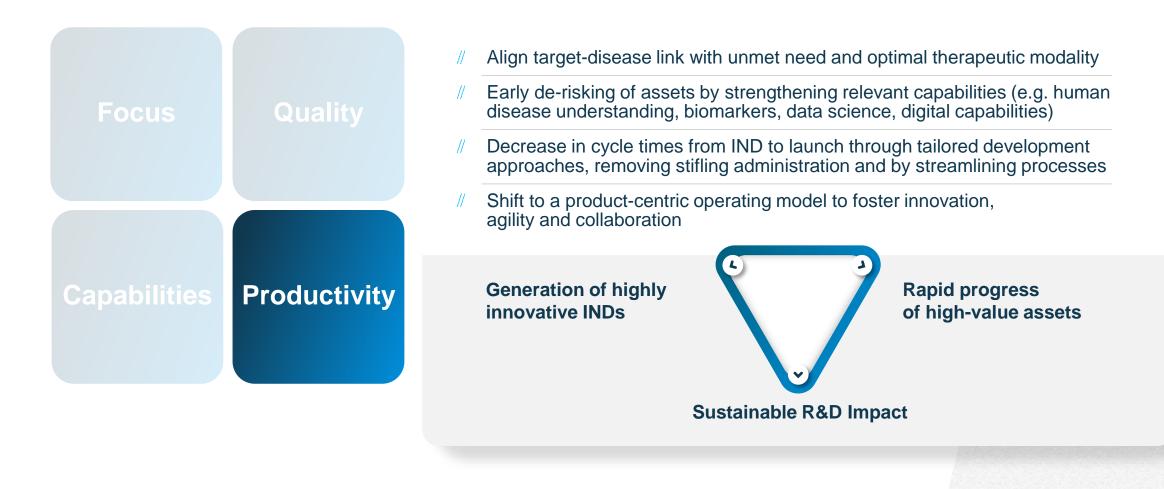
Access to Leading Therapeutic Technology Platforms Through Acquisitions and Collaborations



86

## Productivity: Reaching Higher, Sustainable Level of Output

Achieve More and Better Solutions for Patients in a Time- and Cost-efficient Manner





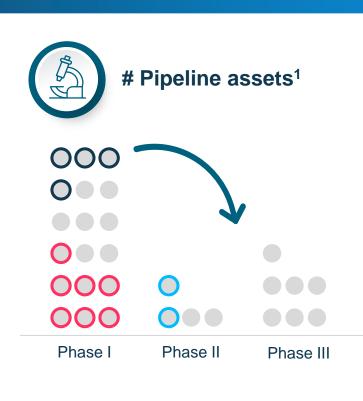
## Replenishment of Early Pipeline in Full Swing; Numerous First-In-Class Pipeline Candidates to Potentially Transition into Phase II/III

Feeding from research into phase I

### Advancing higher number of INDs into Phase I

#### Selected examples:

- VVD Keap1 Act (advanced solid tumors) Demonstrating POC of Vividion's chemoproteomics platform
- PSMA-TAC Cancer (advanced prostate cancer) FIC/BIC opportunity in targeted radiotherapies
- VVD Stat3 Inhibitor (solid and heme cancers) Second asset from Vividion entering the clinic



• Start Phase II

in past 14

months

• Expected transition

in 2024

O Start Phase I

in past 14

months

Rejuvenate mid- / late-stage pipeline with several high-value assets

Actual / expected transitions to mid- and late-stage pipeline in 2024:

Selected examples:

Phase IIBemdaneprocel<br/>(Parkinson's Disease)PSC-derived dopaminergic cell<br/>therapy; FIC potential

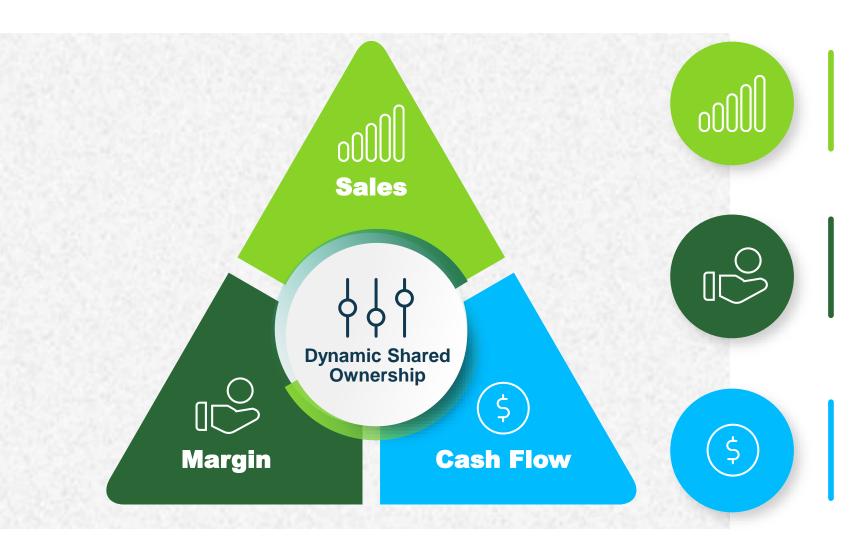
Phase II Anti-Alpha2-Antiplasmin MAB (Ischemic Stroke) Effective thrombolytic with no increase in bleeding risk; FIC potential

Phase III HER2/mEGFR Inhibitor (Lung Cancer) Targeting underserved NSCLC mutations; BIC potential

<sup>1</sup> Pipeline status as of Feb 20, 2024; excluding future external / inorganic projects

88

### Leveraging DSO to Enhance Productivity and Speed While Managing LoE Transition



### SALES

Launch products should largely balance LoE's near- and mid-term business to return to growth thereafter

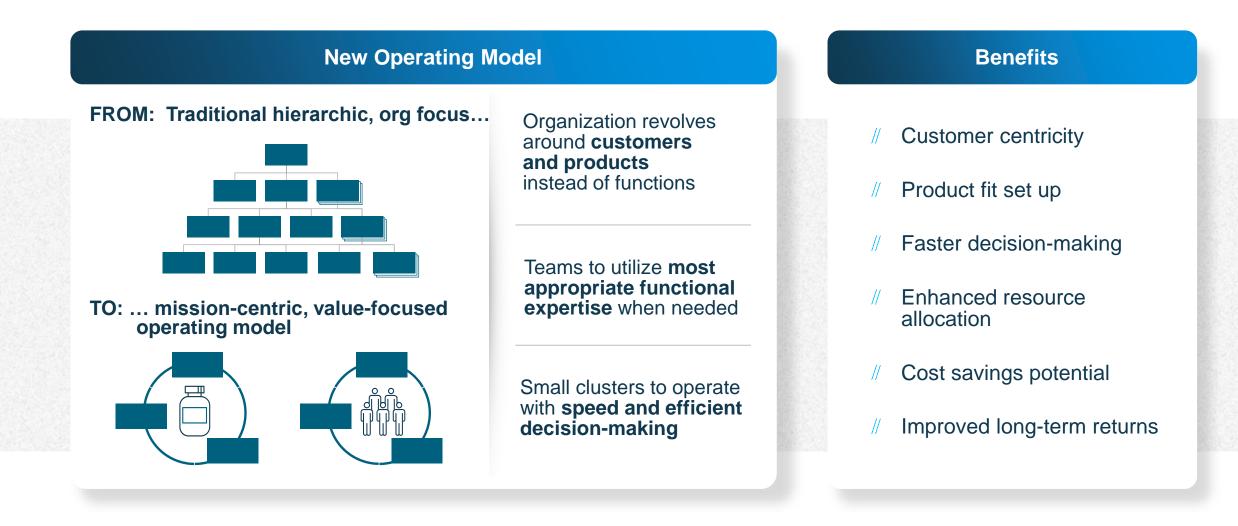
### MARGIN

Drive productivity gains across whole value chain to support margins amid continued growth investments

### CASH

Focus on trade working capital optimization and stringent CapEx prioritization

## DSO Will Drive Speed and Productivity Enhancing Innovation and Growth



## First Successes of Frontrunner Teams Demonstrate Huge Potential Across the Value Chain

### Product Supply Inventory Management

Set-up of cross-functional team to redefine **collaboration** with external suppliers

Potential to shorten throughput time by up to **90% from 30 days** to mere single day

Enhancing supply flexibility for our patients and **improved financial performance in terms of cash and costs** 

Supply

### **US Commercial Team**

Broke down franchise and functional silos to create customer and product squads

**Squads are largely autonomous,** cross-functional, entrepreneurial units with financial accountability

Flattened organization, e.g. 40% less managers

Commercial

Regions

### **Early Clinical Development Oncology**

R&D

Focusing on **patient centered drug development** across all modalities and biologies

Potential to accelerate clinical development with **rapid learning cycles** to explore ideas and assess progress every 90 days

Increases quality and speed of decision-making

### Eylea Global Brand Team

Set-up of small, mission-focused teams, empowered to make decisions at the lowest level possible

**Increased agility and ability** to address critical tasks much faster than in the previous set-up, e.g. achieving fast approval of Eylea 8mg

## 2024 Guidance and our Mid-Term Ambition Through 2026

Ĩ	2023	<b>2024e</b> at constant FX <sup>1</sup>	· Mid-Term
Net Sales	€18.1bn	-4% to 0% <sup>2</sup>	<ul> <li>Support topline resilience during LoE's of major products:</li> <li>// Drive further launch uptake of Nubeqa and Kerendia</li> <li>// Launch of Eylea 8mg, Elinzanetant and Acoramidis</li> <li>// Maximize the full commercial value of base business</li> </ul>
EBITDA margin (before special items)	28.7%	26% to 29% <sup>2</sup>	<ul> <li>Drive productivity gains to support margins:</li> <li>// Continue tight cost management to fund growth investments while mitigating inflation and margin diluting change in product mix</li> <li>// Improve organizational efficiency and productivity through DSO implementation</li> </ul>
Innovation	)		Advance early assets to re-create promising mid-/late pipeline Sustainable generation of highly innovative INDs Rapid progress of high-value assets

<sup>1</sup> Reflects our 2024 guidance at the average actual currencies for 2023; <sup>2</sup> Estimated Sales FX impact of ~-2% pts, estimated EBITDA Margin FX impact of ~-2% pts; currency assumptions based on month-end December 2023 spot rates (1 EUR=) 1.11 USD, 5.36 BRL, 7.87 CNY. Impact is calculated as difference to constant currencies = at average actual currencies for 2023

## Preparing for Long-term Growth While Managing LoE Transition

Three strategic priorities: Renew topline – grow pipeline value – leverage new operating model

>

Launch products should largely balance LoE's near- and mid-term, business expected to return to topline growth thereafter.

>

Our advanced R&D capabilities and priorities will continue to shape a pipeline of higher quality and differentiated assets.



Rapid rebuild of healthy early-/mid-stage pipeline is in full swing, three high potential products could enter market in 2025/2026.



Productivity gains across the whole value chain will support margins amid continued growth investments.

## BAYER **PHARMA**

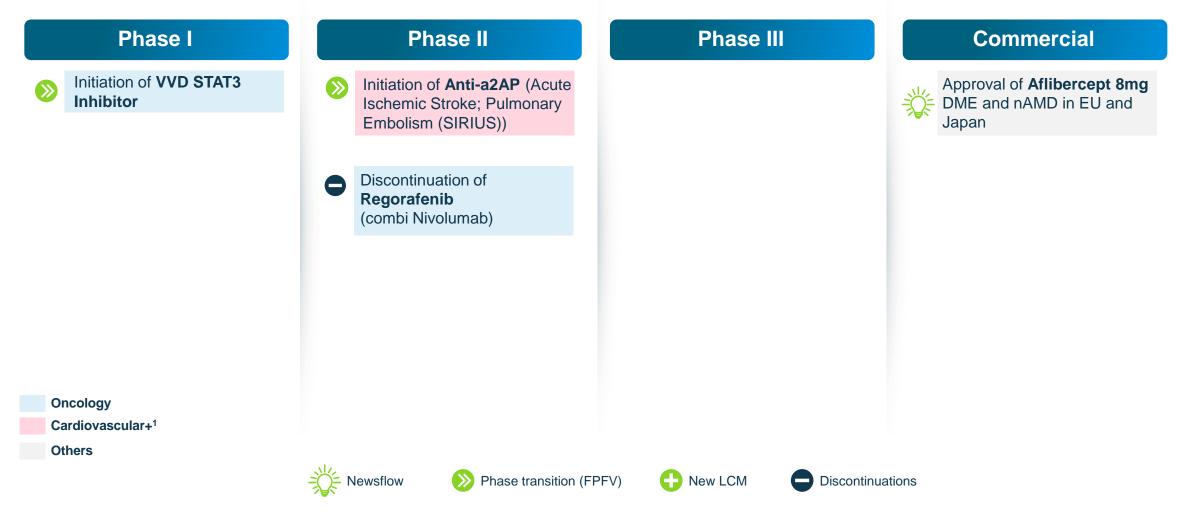
Treat the untreatable. Cure disease. Offer hope.



# APPENDIX

01

## Pharmaceuticals: R&D Developments (since last update on December 19, 2023)



<sup>1</sup> Including Precision Cardiovascular, Nephrology & Acute Care



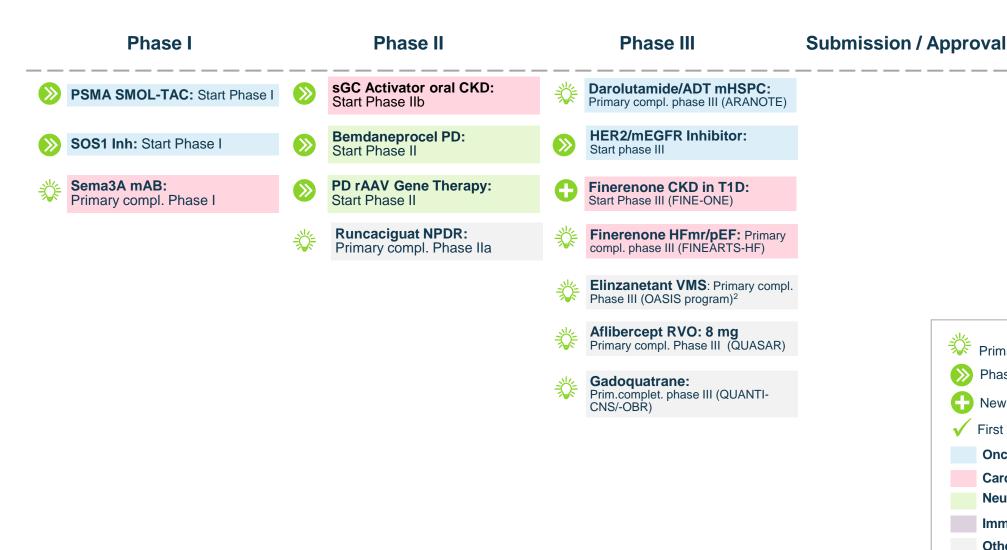
## Pharmaceuticals – Pipeline Overview<sup>1</sup> (as of Feb 20, 2024)

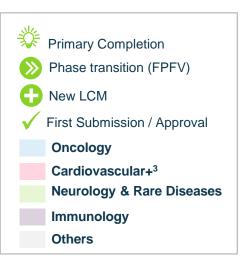
Phase I	
HER2/mEGFR Inhibitor (BAY 2927088)	Å.
DGKzeta Inhibitor (BAY 2965501)	Å.
CCR8 Ab (BAY 3375968)	3
VVD KEAP1 Act (VVD-130037 aka NRF2 Inh, BAY 3605349)	Å.
DGKalpha Inh (BAY 2862789)	Å. (
<b>PSMA TAC</b> (BAY 3546828)	
VVD STAT3 Inhibitor (VVD-130850, BAY 3630914)	Å. (
sGC Activator Oral (BAY 3283142)	Å.
SEMA 3a (BAY 3401016)	3
Anti-coagulant (BAY 3389934)	Å.
<b>Bemdaneprocel</b> (Parkinson's Disease Cell Therapy) ( <i>BRT-DA01</i> )	¥2. (
Parkinson's Disease rAAV Gene Therapy (AB-1005 aka AAV2-GDNF-PD)	ğ
Multiple System Atrophy rAAV Gene Therapy (AB-1005 aka AAV2-GDNF-MSA)	§ (
Pompe Disease rAAV Gene Therapy (ACTUS-101)	ð (
Huntington's Disease rAAV Gene Therapy (AB-1001 aka BV-101)	§ (
LGMD2I/R9 rAAV Gene Therapy (AB-1003 aka LION-101)	§ (
GPR84 Antagonist (BAY 3178275)	Å.
BAY 2701250	3

Phase II		
Congestive Heart Failure rAAV Gene Therapy (AB-1002 % Congestive Heart Failure (GenePHIT)	<sup>)</sup> 💆	
Anti-a2AP (BAY 3018250) # Acute Ischemic Stroke; Pulmonary Embolism (SIRIUS)	3	
Zabedosertib (IRAK4 Inh.) (BAY 1834845) # Atopic Dermatitis (DAMASK)	, .	
Runcaciguat (sGC Activator) (BAY 1101042) // Non-prolif. Diabetic Retinopathy (NPDR) (NEON-NPDR)	<b>"</b>	•

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

## Major R&D Milestones Expected in 2024







## Numerous First-In-Class Pipeline Candidates to Potentially Transition Into Mid- And Late-Stage Soon

Selected Assets with Expected Upcoming Phase Transition

Potential Launch between 2028-2032	Program (Indication)		Current Phase
Cardiovascular+	<b>sGC Activator Oral</b> (Chronic Kidney Disease)	FIC/BIC	Phase I
Cardiovascular+ including Precision CV, Nephrology & Acute Care	Runcaciguat (NDPR)	FIC/BIC	Phase II
Oncology	<b>mEGFR/HER2i</b> (Lung Cancer)	FDA breakthrough therapy designation, BIC	Phase I
Neurology & Rare Diseases	<b>Bemdaneprocel</b> (Parkinson's)	FDA fast track, FIC/BIC	Phase I
Rare Diseases	<b>Parkinson's Disease rAAV Gene Therapy</b> (Parkinson's)	FIC/BIC	Phase I



## Abbreviations (1/2)

AE	Adverse events	EU
AI	Artificial intelligence	EU
AAV	Adeno-associated virus	Ex
ATTR-CM	Transthyretin amyloidosis cardiomyopathy	FD
BCR	Biochemical recurrence	FIC
BIC	Best-in-class	FP
bn	billion	FX
CAGR	Compound Annual Growth Rate	FY
CV	Cardiovascular	Gy
CVD	Cardiovascular diseases	HF
CI	Confidence interval	HR
CKD	Chronic kidney disease	ΗY
сра	Currency and portfolio adjusted	IN
DME	Diabetic macular edema	J
DSO	Dynamic shared ownership	k
EBITDA	Earnings before interest, tax, depreciation, and amortization	LC
e.g.	Exampli gratia (for example)	Lo
EMEA	Europe, Middle East, and Africa	LV

EU	European Union
EU5	France, Germany, Italy, Spain, United Kingdom
Excl.	Excluding
FDA	U.S. Food and drug administration
FIC	First-in-class
FPFV	First patient first visit
FX	Foreign Exchange
FY	Full Year
Gyn	Gynecologist
HF	Heart failure
HR	Hazard ratio
HY1 / HY2	Half year 1 / Half year 2
IND	Investigational New Drug
J	Japan
k	thousands
LCM	Life cycle management
LoE	Loss of exclusivity
LVEF	Left ventricular ejection fraction



## Abbreviations (2/2)

m	million
mg	milligram
mHSPC	Metastatic hormone sensitive prostate cancer
nAMD	Neovascular age-related macular degeneration
NBRx	New-to-brand prescriptions
nmCRPC	Non-metastatic castration resistant prostate cancer
NME	New molecular entity
NSCLC	Non-small cell lung cancer
OB	Obstetricians
OPEX	Operating expenses
р	Probability
p.a.	Per annum
POC	Proof of concept
PSC	Pluripotent stem cells
PTS	Probability of technical success
R&D	Research & Development
SGLT2i	Sodium-glucose Cotransporter 2 Inhibitors
SoC	Standard of Care

T1D	Type 1diabetes mellitus
T2D	Type 2 diabetes mellitus
TIA	Transient ischemic attack
TTR	Transthyretin
Тх	Therapeutics
UACR	Urine albumin-to-creatinine ratio
UK	United Kingdom
U.S.	United States of America
VBP	Volume based procurement
VMS	Vasomotor symptoms
VS	versus
уоу	Year-over-year



# BAYER CONSUMER HEALTH

Driving Sustainable Industry Leading Performance

Capital Markets Day 2024

HEIKO SCHIPPER President of the Consumer Health Division



## The Consumer Health Market Continues to Remain Attractive

 $\rightarrow$ 

Category dynamics to settle again on a steady and attractive mid-single digit growth percentage

### INDUSTRY GROWTH OUTLOOK

### INDUSTRY GROWTH DRIVERS





Self-Care focus



Digital commerce



Healthcare systems overstretched



Digital ecosystems & personalization

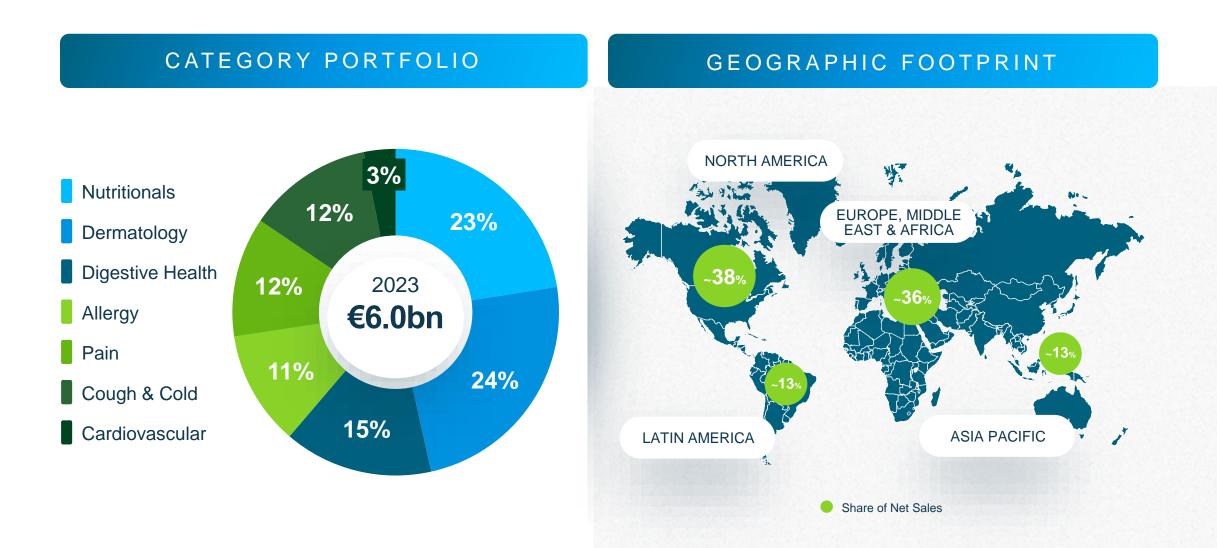


Cough & cold dynamics



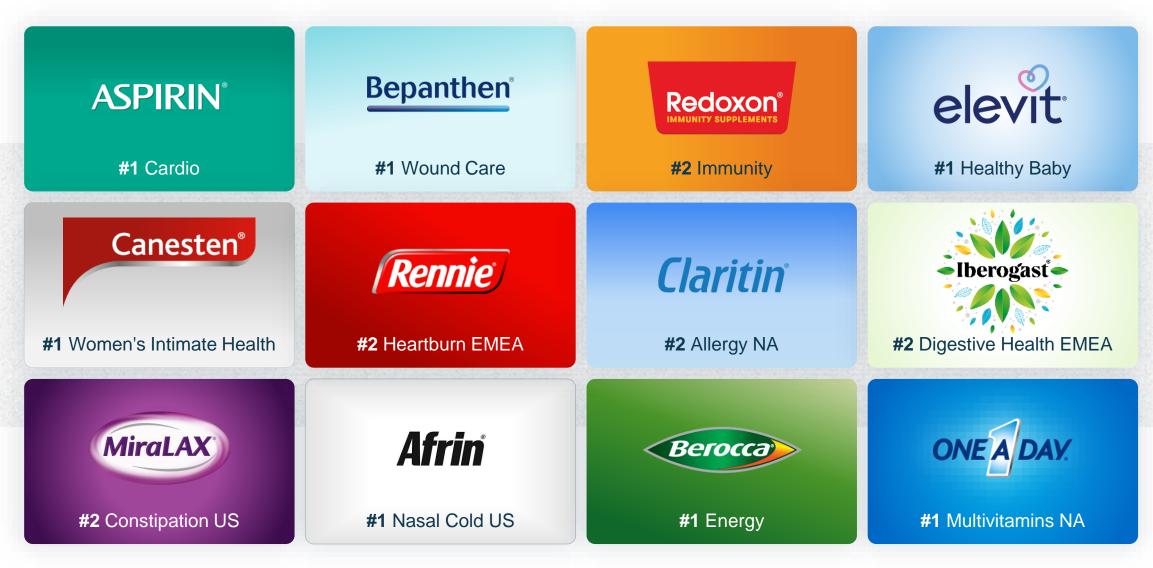
Ageing population & growing middle class

### A Leading Player With a Well-Balanced Core Consumer Health Portfolio



Sources: Bayer CH Portfolio - Company DB, IQVIA, IRI, & Nielsen, Oct MAT 2023; Bayer Geographic Footprint - Net Sales 2023

### Iconic Brands With Leading Market Positions



Source: Market 360, MAT October 2023, Value, SAM - Strategically Addressable Markets, Top corporations / brands (private label not counted), brand positions in their respective biggest sub-category / segment(s) /// Bayer Capital Markets Day /// March 5, 2024

### Consistent Track Record in Delivering Profitable Growth and Cash

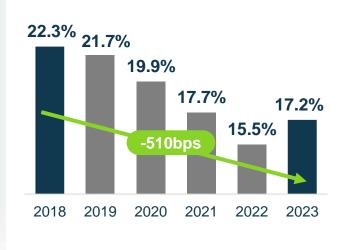


### CONSTANT MARGIN EXPANSION DESPITE INFLATION EBITDA<sup>2</sup> €bn / AS % OF NET SALES EBITDA<sup>2</sup> 1.1 1.1 1.1 1.2 1.4 1.4 23.4% 20.9% 20.9% +330bps 20.1% 2018 2019 2020 2021 2022 2023

Productivity program > Inflation Committed "mid-20s" margin in reach

#### IMPROVED CASH CONVERSION DRIVEN BY LOWER WSR

WORKING CAPITAL AS % OF NET SALES<sup>3</sup>



Cash productivity focus Stable cash delivery of ~€800m 2023 rebound to secure supply

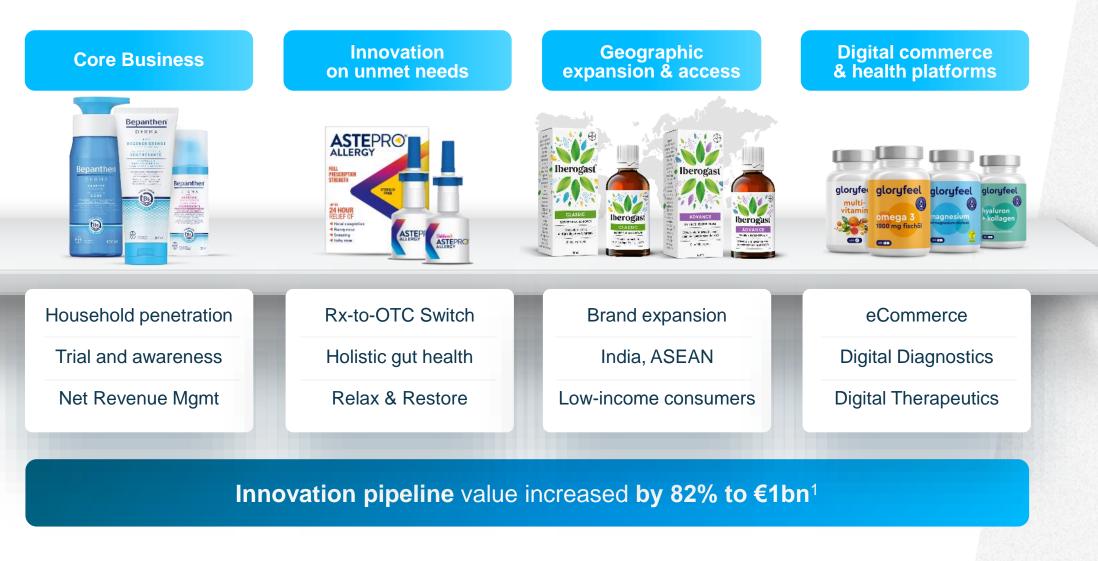
<sup>1</sup> cpa = currency and portfolio adjusted; <sup>2</sup> EBITDA before Special Items <sup>3</sup>WSR = Working Capital to Sales ratio: Sum of average inventories, trade accounts receivable less trade accounts payable (excl. refund liabilities), divided by net sales of last 12 months, bps 2023 vs 2018

105

### A Clear Game Plan to Sustain Outperformance



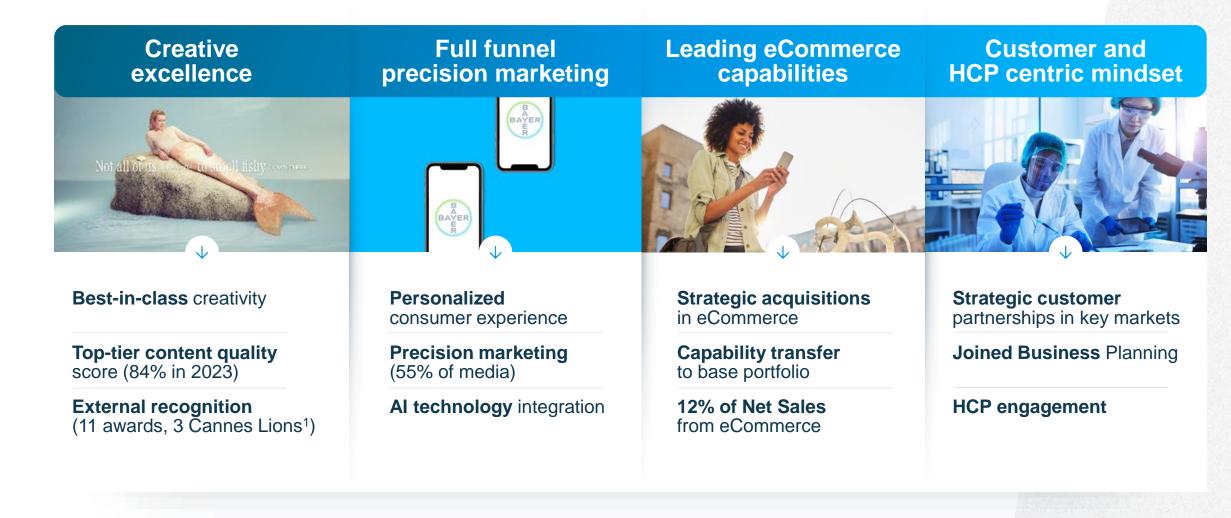
## Growing our Brands and Innovating Across Four Growth Drivers



<sup>1</sup> 2020 vs. 2023 Period - Value of late-stage new-product-development pipeline as measured by Year 5 incremental sales /// Bayer Capital Markets Day /// March 5, 2024

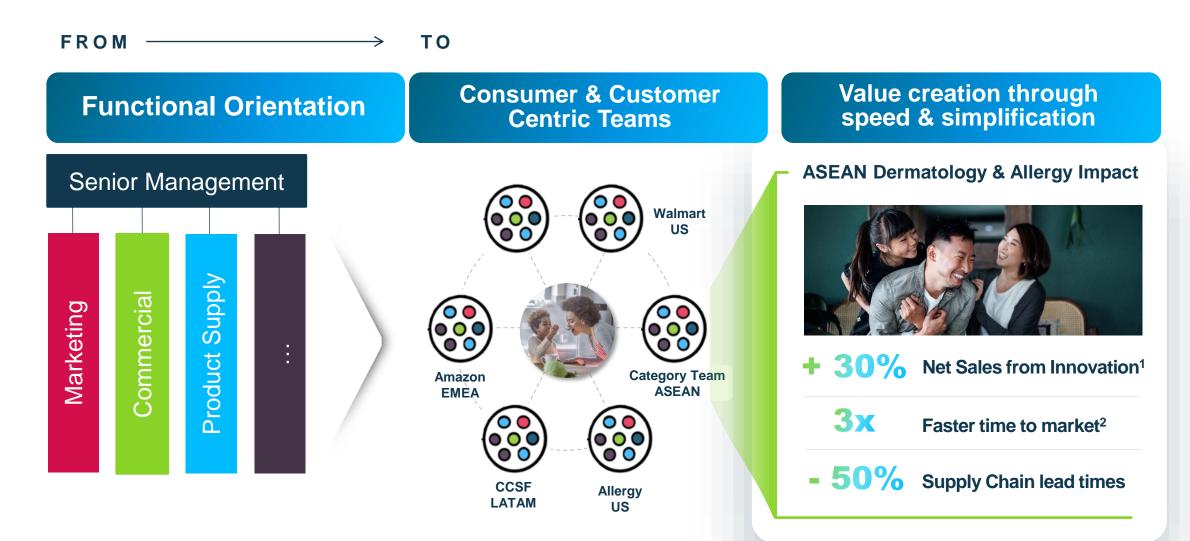
107

### Industry Leading Commercial Capabilities



108

## Agile and Focused Organization with Dynamic Shared Ownership



Note: ASEAN Results: 1Net Sales from Innovation for 2024 ; <sup>2</sup>Time to market relative to cosmetic registered products



110

### Consumer Health as a Force for Good – and Growth

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Expand Access to Everyday Health







Path to Climate Neutrality



with improved access to **self-care in underserved communities** 2023 *Target: 100M in 2030* 

12% of net sales from low-income portfolio

Accelerating geographic expansion



42% CO<sub>2</sub> emissions reduces a crossing the constraints of the constrai

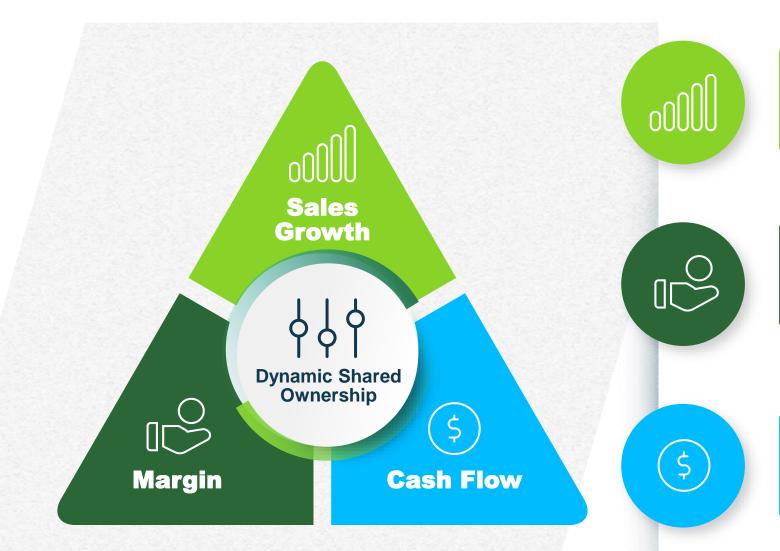
reduction achieved across operations since 2019 Target: climate neutral in 2030

€2.4M/year savings through energy efficiency

37% electricity from renewable sources across 60%+ sites

Advancing sustainable packaging

### A Sustainable Value Creation Model, Accelerated by DSO



### GROWTH

Drive above-market growth focusing on attractive categories, markets, channels, and superior execution

### MARGIN

Continuously improve margin through scale effects and continuous efficiency programs

### CASH

Drive absolute growth and EBITDA at optimized working capital to increase cash generation

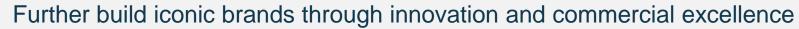
### Mid-term Outlook Anticipates Above Market Sales Growth

Disciplined Execution of New Operating Model to Improve Profitability and Operating Cash Flows

Ċ	2023	<b>2024e</b> at constant FX <sup>1</sup>	뜕 Mid-Term
Net Sales	€6.0bn	+3% to +6% <sup>2</sup>	<ul> <li>Sustainable Growth above market</li> <li>Investment for growth in attractive categories &amp; geographies</li> <li>Innovation behind unmet needs: Gut Health, Healthy Ageing</li> <li>Accelerated growth expansion into growth markets like India, Mexico</li> <li>Operational model to support stronger consumer and customer centricity</li> </ul>
EBITDA margin (before special items)	23.4%	23% to 24%	<ul> <li>Profitability at industry competitive margin levels</li> <li>// Delayered and consumer/customer centric organization</li> <li>// Continued roll-out of holistic, cross-organizational productivity program</li> <li>// Fund sustainable growth and manage headwinds (FX, inflation)</li> </ul>
Innovation			<ul> <li>Further build our iconic brands</li> <li>// Innovation on consumer unmet needs</li> <li>// Commercial excellence to continue winning with a growing number of consumers</li> </ul>

<sup>1</sup> Reflects our 2024 plan at the average actual currencies for 2023 2 Estimated FX impact: ~-5% (Currency assumptions based on month-end December 2023 spot rates (1 EUR=) 1.11 USD, 5.36 BRL, 7.87 CNY. Impact is calculated as difference to constant currencies = at average actual currencies for 2023)

## Driving Sustainable Peer Outperformance in Consumer Health



∢

Consistent track record of delivering growth, margin and cash expansion

⊘

A Game Plan to sustain outperformance, industry leading capabilities

∢

Agile and focused organization with Dynamic Shared Ownership



A leading player with a well-balanced portfolio focused on core CH





## DRIVING SUSTAINABLE INDUSTRY LEADING INDUSTRY LEADING IN CONSUMER HEALTH



## CAPITAL MARKETS DAY 2024

Bayer AG /// Capital Markets Day /// March 2024