

Science for a Better Life

A Global Leader in Health & Nutrition

Investment Case

February 2022 / Bayer AG





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 at http://www.bayer.com/.

The company assumes no liability whatsoever to update these forward-looking statements or to conform them to future events or developments.

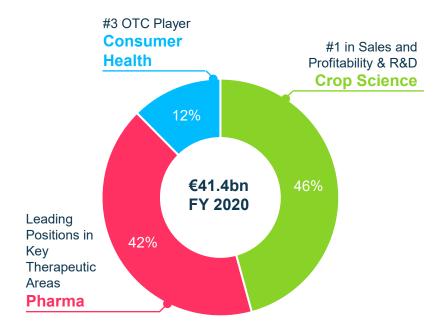


Bayer: A Global Leader in Health and Nutrition

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

Market Size Crop Science ~€100bn¹ **Pharmaceuticals** ~€1,000bn² **Consumer Health** ~€150bn³

Bayer Group Sales



¹Source: Company Estimates ²Source: IQVIA MIDAS MAT Q3-20

3Source: Nicholas Hall & Company DB6



Global Megatrends in Health & Nutrition

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

Pharma/Consumer Health Crop Science Growing Population Aging Population Pressure on Ecosystems People 60+ +2.2bn +50% more than people¹ -17% doubling¹ more food and feed 2016 2050 Harvest losses from required to meet growing demand² climate change³ Significant loss in >20% of total population¹ arable land per capita4 Preserve and Secure sufficient Use natural resources more efficiently and responsibly restore health supply of quality food

Societal

Needs

through

2050

Megatrends

Our Mission

We leverage science to address these societal needs – with the ultimate goal to improve people's lives



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

Key Growth Drivers



Long-term megatrend tailwinds are propelling growing demand in the Life Sciences



Number one position in Ag inputs and leading positions in key Pharma and Consumer categories



World-class innovation: technological breakthroughs driven by the bio-revolution



Accelerated transformation and further efficiency gains in our operations



Focus on sustainability to create new value

Crop Science Innovation Pipeline

Annual R&D Investment:

€2.0bn

Key Current Launch Products:







Key Mid-/Late-Stage Pipeline Opportunities:

Short Stature Corn

SmartStax PRO

Xivana

Soybean **Herbicide Trait** Stack with

Five-

Fox Supra (Indiflin®)1

Tolerances

Annual R&D Investment:

€2.7bn

Key Current Launch Products:









Key Mid-/Late-Stage Pipeline Opportunities:

Finerenone

Pharmaceuticals Innovation Pipeline

- Non-diabetic CKD
- Heart Failure

Factor XI(a) portfolio

Thrombo-embolic diseases

Elinzanetant (KaNDy NT-814)

Vasomotor symptoms during menopause

P2X3 Receptor Antagonist

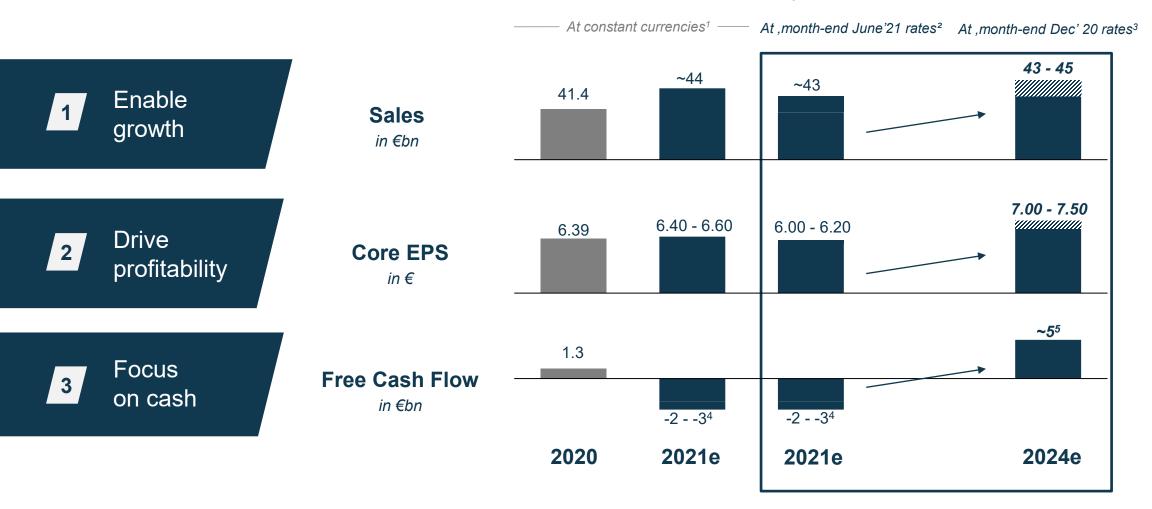
Multi-indication opportunity

Note: Subject to regulatory approvals and pending registrations. Represents a subset of the pipeline. ¹ In collaboration with Sumitomo



Profitable Growth Expected in the Mid-Term

Anticipate €43-45bn Sales and €5bn in Annual Free Cash Flow by 2024 for the Group



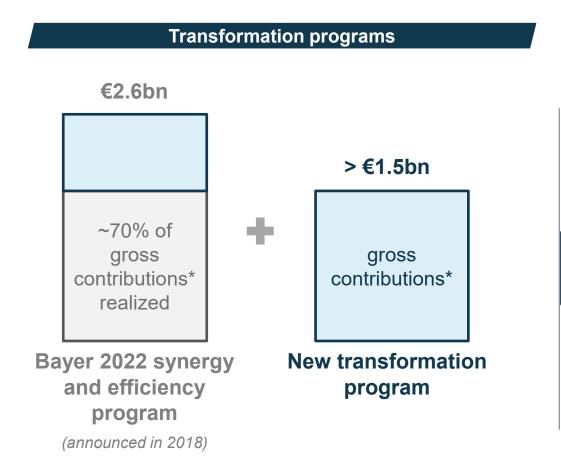
¹ Reflects our 2021 plan at the average actual currencies for 2020; Acquisition of Vividion Therapeutics not included ² Currency assumptions based on month-end June 2021 spot rates (1 EUR=) 1.19 USD, 5.90 BRL, 7.69 CNY, 131 JPY, 24.4 MXN, 86.8 RUB ³ Currency assumptions based on month-end December spot rates (1 EUR=) 1.23 USD, 6.37 BRL, 7.98 CNY, 126 JPY, 24.4 MXN, 91.5 RUB

⁴ Settlement payouts of ~€7bn included ⁵ Settlement payouts and special items of ~€1bn included /// Bayer AG /// Investment Case /// February 2022



New Transformation Program with Gross Contributions of >€1.5bn

Expect Partial Reinvestment to Drive New Opportunities; Remainder to Drive Margin Expansion



Delivery

- Implementation of Bayer 2022 ahead of plan
- We accelerate our transformation to become leaner and more agile
 - Divisions and Enabling Functions
 - Improving our go-to-market models
 - Strengthening our digital and data capabilities
 - Structural measures and optimization of external spend
- Going forward, we will keep you updated and jointly implement and track both programs

^{*} Gross contributions will be partially re-invested to fuel growth and are included in our guidance for 2021-24 Note: One-time costs in same magnitude as for Bayer 2022 (1.7x the total contribution)



Focus on Cash Generation Now Embedded in Incentive Plans

Improvements Expected from Sales Growth, Working Capital & Divestments; Litigation Pay-outs and One-Time Costs for Transformation Mitigating Factors



Improve Free Cash Flow

Optimize **working capital** focusing on overdue management, inventory and payables; prioritizing **CapEx**



Adapt incentive scheme

Free Cash Flow integrated as a key performance metric in our **short-term incentive** plan for all managerial employees



Capital Employed / Divestments

Optimization of **fixed asset** portfolio, for example sale of property

Sale of businesses / brands below division level (e.g. ES professional)



Litigation pay-outs & special items

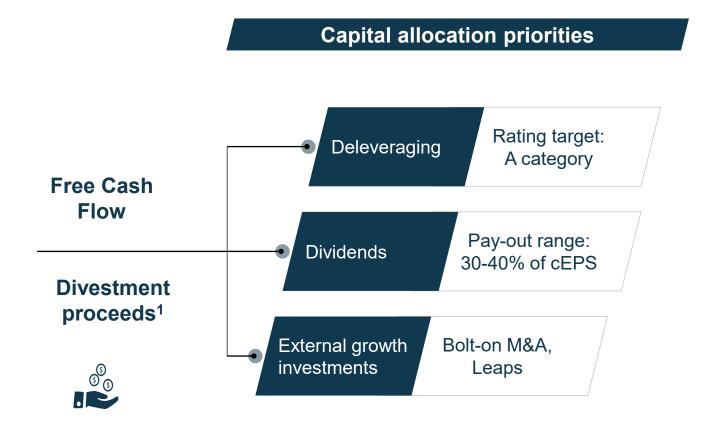
Our Free Cash Flow is impacted by **litigation** pay-outs and cash-effective **one-time costs** for transformation

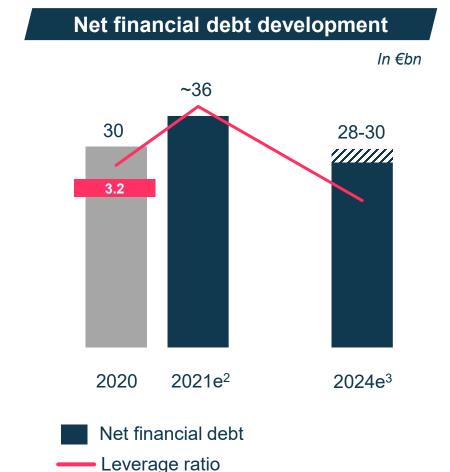
ES: Environmental Science



Disciplined Capital Allocation to Delever, Pay Dividends and Invest

Expect Net Debt to Increase in 2021 with Planned Settlements and Return to €28-30bn by 2024





¹ From non-strategic divestments below divisional level and sale of other fixed assets ² Currency assumptions based on month-end June 2021 spot rates (1 EUR=) 1.19 USD, 5.90 BRL, 7.69 CNY, 131 JPY, 24.4 MXN, 86.8 RUB ³ Currency assumptions based on month-end December spot rates (1 EUR=) 1.23 USD, 6.37 BRL, 7.98 CNY, 126 JPY, 24.4 MXN, 91.5 RUB

^{## =} Indicates corridor between high- and low case



Ambitious Measurable Targets for Sustainable Development

2030 Targets in Line with UN SDGs and Our Vision; *Health for All, Hunger for None*

Help more PEOPLE thrive: Drive growth in underserved regions



Support 100m¹ smallholder farmers in LMIC²



Provide 100m¹ women in LMIC with access to modern contraception



Expand access to self-care for 100m¹ people in underserved³ communities



Decrease ECOLOGICAL footprint: Drive growth through sustainable resource use



Climate neutrality at own sites + reduced emissions in our supply chain

- // 42%¹ reduction target for Scope 1 & 2⁴
- // 12.3%¹ reduction target for Scope 3⁴
- + Net Zero emission target until 2050 in line with long term goal of Paris Agreement (Scope 1, 2 & 3)⁴

Established a Sustainability Council comprised of highly renowned experts to provide advice and review progress on sustainable business strategy and social innovation in consultation with our CEO and Boards

¹ LMIC: low and middle income countries - All countries included in the World Bank list as per 1 July 2019.

² Baseline(2019). Numbers reflect people; preliminary figures; pending external audit: ~42m smallholder farmers; ~38m women; ~41m people; 3.7m tCO₂e for Scope 1&2; 10m tCO₂e for Scope 3.

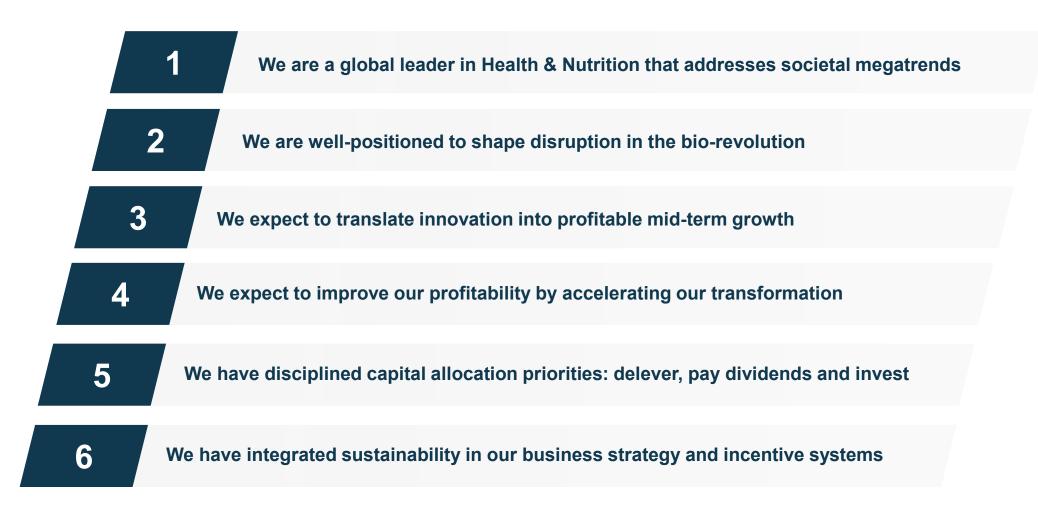
³ Underserved: Economically or medically.

⁴ Scope 1: emissions from own operations; Scope 2: emissions from purchased energy; Scope 3: emissions along the value chain



Investment Thesis

Key Takeaways





Science for a Better Life
Shaping the Future
of Agriculture

Investment Case

February 2022 / Bayer AG





Shaping the Future of Agriculture

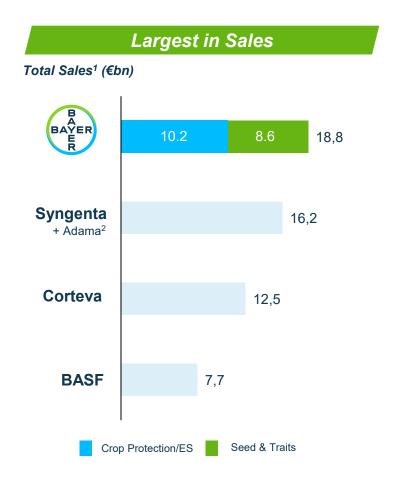
- 1 Market & Position
- 2 Strategy
- 3 Operational Performance
- 4 World-Class Innovation

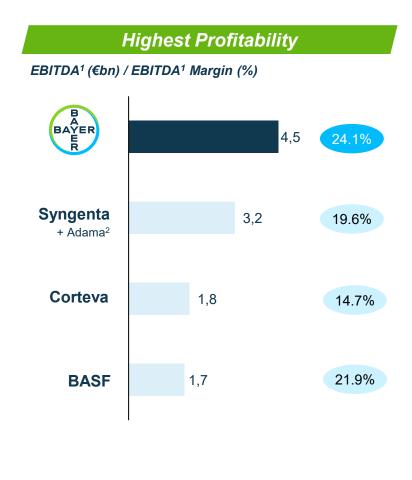
- 5 Digital Transformation
- 6 New Standards in Sustainability
- 7 Financial Targets



The Established Leader in Crop Science

Industry Leading Sales, Profitability and Unmatched Investment in R&D to Fund Future Growth



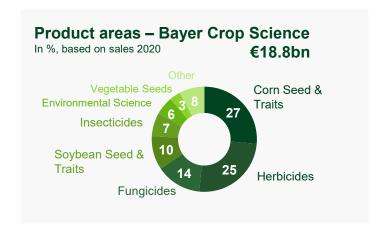


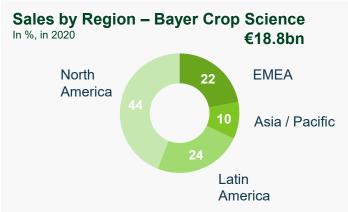
¹ Company information; exchange rate: FY 2020: ~1.14 USD/EUR. EBITDA before special items. FY2020 sales

² Represents the legacy Syngenta results plus Adama



Global #1 in Seed & Traits with Leading Crop Protection Portfolio











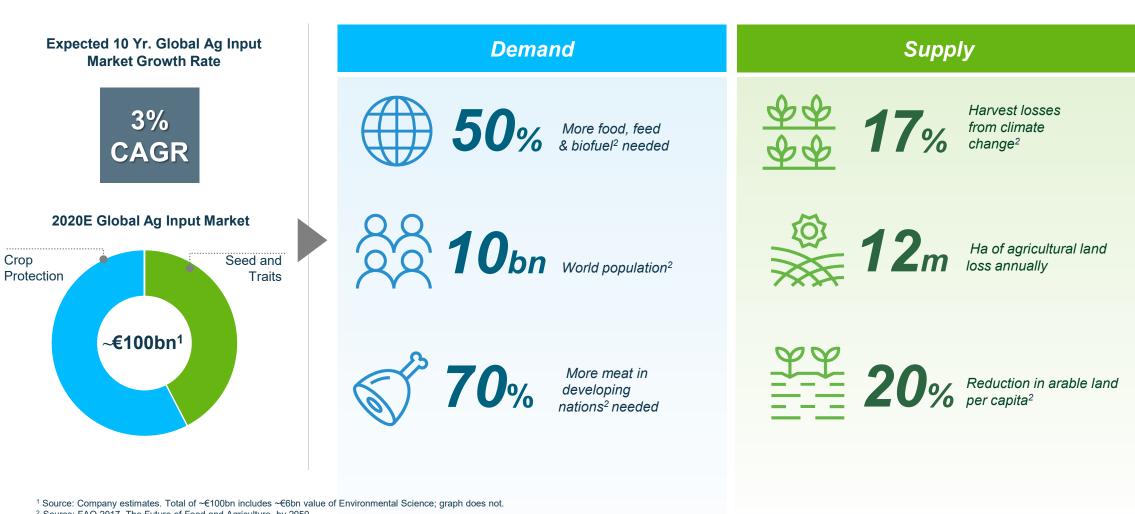


¹ Source: Company estimates. Market positions based on 2019 data.



Megatrends Drive Market Growth and Need for Innovation

Ag Market Remains Attractive with Expected ~3% CAGR¹ to 2030



² Source: FAO 2017, The Future of Food and Agriculture, by 2050

Shaping agriculture for the benefit of farmers, consumers and the planet

Strategic Ambition

Perform

Grow above market and deliver strong returns

Transform

Achieve 100% digitally enabled sales by 2030

Pillars

Operational Excellence

World Class Innovation

Digital Transformation

New Standards in Sustainability

by being more grower centric

Vision

Health for all, hunger for none





A Clear Plan to Accelerate Growth and Outperform the Market

		2021:	Transition		2022-2024: Acceleration				
		Sales Growth¹ ~ 7%	EBITDA Margin² ~23%		Sales Growth ¹ 3% to 5%	EBITDA Margin ³ 27% to 29%	2024e		
	Deliver growth in crop protection sales through new products, integrated offerings								
Grow corn seed & traits with annual portfolio refresh and new insect traits									
Upgrade the Americas to next-gen soybean trait technology									
4	Impl	lement new vegeta	ble seeds strategy	y and launch new tra	aits in cotton to d	Irive growth			
5 A	chieve	e planned 2022 syr	nergies in 2021; ad	ccelerate with new e	efficiency prograr	m until 2024			

¹ Currency and portfolio adjusted

² Before special items. Currency assumptions based on month-end June 2021 spot rates (1 EUR=) 1.19 USD, 5.90 BRL, 7.69 CNY, 131 JPY, 24.4 MXN, 86.8 RUB ³ Currency assumptions based on month-end December spot rates (1 EUR=) 1.23 USD, 6.37 BRL, 8.00 CNY, 127 JPY, 24.4 MXN, 91.9 RUB



Innovation, Integrated Offerings Drive Crop Protection Growth



¹ Company estimates, currency and portfolio adjusted.



Deploying >250 Corn Hybrids in 2021 to Expand Leading Position

Foundational to Expected Growth in Our > €5bn Global Annual Corn Seed & Trait Sales

Mid-Term Key Growth Drivers in Corn

insect control to

VT3Pro

NEW

Superior-performing Bayer branded hybrids capture **#1** brand share position in the U.S. in 2021.



United States #1 Market Pos.

Market Size: ~93m acres

Germplasm Share: >55%

Mexico#1Market Pos.Market Size:~20m acresGermplasm Share:>65%1

Brazil #1 Market Pos.

Market Size: ~52m acres

Germplasm Share¹: ~30%

Argentina #1 Market Pos.

Market Size: ~20m acres

Germplasm Share: ~60%1

Europe #2 Market Pos.

Market Size²: ~60m acres

Germplasm Share: ~20%

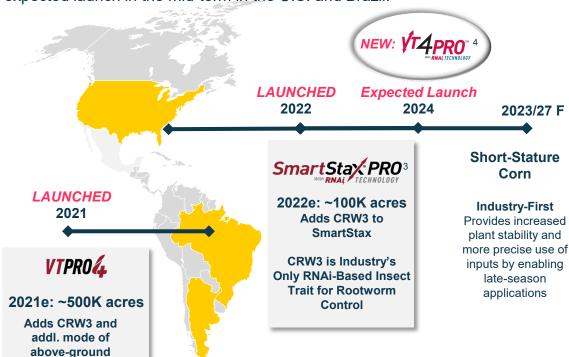
South Africa #1 Market Pos.

Market Size: ~6m acres

Germplasm Share: ~70%

Note: Size of market, market position and germplasm share measured as of 2021.

Launching CRW3 as a part of VTPro4, SmartStax Pro and VT4Pro stacked offerings in the near-term; game-changing short-stature corn expected launch in the mid-term in the U.S. and Brazil.



¹ In hybrid corn market only: ²Eu27 +UK. Russia and Ukraine

³SmartStax® PRO corn products will be commercially available for the 2022 growing season.

⁴VT4PRO with RNAi Technology is not currently available for commercial sale or commercial planting. Commercialization is dependent on multiple factors, including successful conclusion of the regulatory process. The information presented herein is provided for educational purposes only and is not and shall not be construed as an offer to sell.



Upgrading the Americas to Next-Gen Soybean Trait Technology

Expect 1-2%² Soybean S&T Sales CAGR 2021-'24

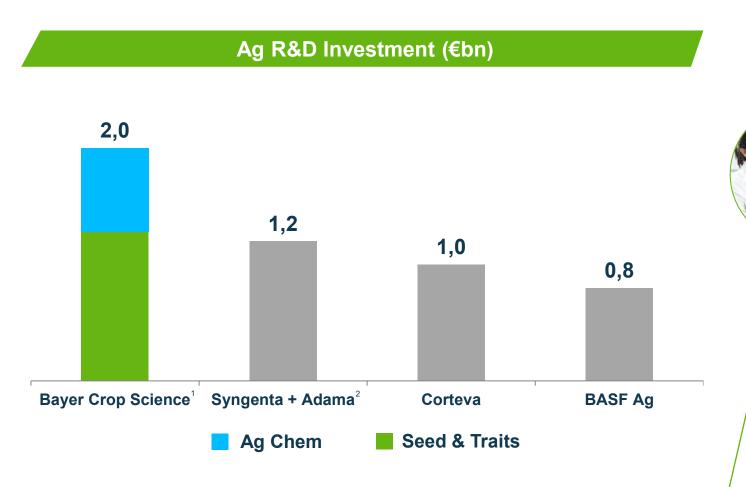


²Currency and portfolio adjusted

³ Compared to similar varieties in checks across 500 locations in 2020/2021 crop year /// Bayer AG /// Investment Case /// February 2022



Unmatched R&D Investment Powers Industry-Leading Portfolio





>7,100 R&D employees³

>100 key collaborations; partner of choice

^{1 2020} reported results, company information; exchange rate: FY 2020: ~1.14 USD/EUR. Bayer R&D excludes impairment charges

² Represents the legacy Syngenta results plus Adama, includes capitalized development costs

³ Includes permanent and temporary employees

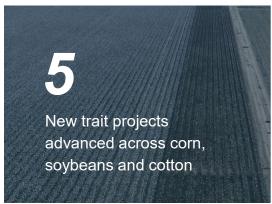


Pipeline with Up to €30bn Peak Sales Potential Delivering for Farmers

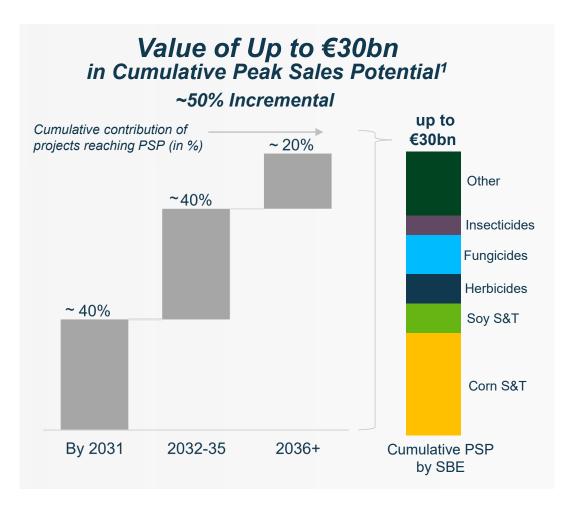
Eight Projects Advance, Eight New Formulations Launch and Hundreds of Seed Deployments in 2021











¹ 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. PSP = Peak sales potential SBE = Strategic Business Entity



Short-Stature Corn Offers Transformational Shift in Production

Anticipated Fit on >220m Acres and Estimated Incremental Peak Sales Potential of ~€1bn for NA

Field Plots Around the Globe Demonstrate Key Features and Benefits of Short-Stature Corn



Game-Changing Innovation

- Unparalleled production stability with improved standability in high winds and challenging weather conditions
- Annual yield losses due to stalk lodging in the U.S. range from 5% to 25%¹



Digitally Optimized System

- Extended in-season crop access due to shorter height
- Supports tailored solutions with precise inseason crop protection



More Sustainable Future

- Potential to optimize use of key nutrients like nitrogen, as well as reducing land and water requirements
- Opportunity to plant at higher densities, as evidenced in Vitala commercial beta in Mexico











Biologicals Create New Value; Enable Crop Management Benefits

Leveraging the Power and Sustainability Derived from Microbes

Bayer is the #1 Trusted Brand in Biologicals by Growers⁴

	The power of pature	SeedGrowth				Foliar & Soil applied				
The power of nature. Empowered by science.		Corn Yield	Soy Yield	Nematicide	Fungicide	Other	Insecticide	Fungicide	Soilborn Disease/Pest	Crop Performance Enhancers
	In-licensed / Commercial Products	BIORISE ¹	TagTeam ^{®3} Optimize ^{®3}	Poncho [®] Votivo ^{®2}	Integral® Pro ²	TagTeam ^{®3} JumpStart ^{®3}	FLIPPER VYNYTY XenTarī wo REGUIEM ABP 111	SSNATA Donton MINUET	BioAct	yAmbition yAmbition occurs

¹ Also sold under Acceleron® and Torque®³ brand names; ² 3rd party product from BASF, ³ In-licensed from Novozymes

Business Opportunities

- Reduction of environmental impact of Crop Protection
- Maximizing yield potential of high value germplasm
- Increasing nitrogen use efficiency
- Use in Tailored solutions to leverage our full portfolio, combining biologicals, chemistry, germplasm and digital to deliver new grower value

Vibrant Innovation Ecosystem

>20 In-licensed/ Commercial products

Ongoing collaborations and licensing partners

>10 Pipeline Candidates

>30

Assets under evaluation for new collaborations or inlicensing opportunities

Reaching >60m acres in row crops and high value horticulture and vegetables acres

⁴75-100 growers polled in each of seven countries (Europe, Brazil, US) for potato, tomato and grapes, Bayer Market Research 2020, ⁵ Includes early research and collaborations



Digital Farming Solutions Underpin and Enhance Our Ability to Bring Transformational Solutions to Agriculture

Our Positive Impact on Agriculture

- Increase yield and improve profitability
- Leverage information to manage risk and address variability
- Manage fields down to the square meter, to farm more efficiently and sustainably
- Seamlessly collect, visualize and analyze data to enable more informed decisions

Three Core Value Drivers





Franchise Value



Downstream Value



Platform Value







Climate FieldView Provides Unmatched Visualization, Analysis and Insights to Enable Growers to Enhance Productivity

Climate FieldView

- >180m subscribed acres
- #1 brand in digital ag¹
- Operates in 23 countries

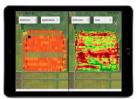


- Largest database of grower and field trial seed performance data in industry
- >70 partners on platform

In-cab visualization



Performance Visualization



Performance Evaluation



Field health images



Prescription Delivery





^{0 00 0}

¹ according to Kynetec December 2021 FieldView Brand Tracker



Digital Unlocks Scalable Climate-Smart Business Models

Carbon Markets Valued at >\$200bn/year¹ and Growing with Consumers' Demand for Sustainability

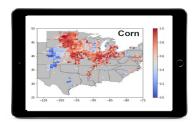
FIELDVIEW has the potential to streamline the way carbon is measured, verified and reported, to enable scalable, climate-smart business models

Quantification



CO₂e Total

Verification & Reporting



Crop Rotation by Field

Carbon Initiative

2,500 participating farmers in Brazil and the U.S. alone

10 countries covered

1.5m acre

acres globally

- Long-term program providing **annual incentives** to Climate FieldView enrolled growers for verified and validated **climate-smart practices** like no-till and cover cropping
- Ranked #1 in the U.S., scoring very high in terms of grower trust²

Enables 3 Expected Downstream Revenue Opportunities

Carbon Services

Product sales

Carbon assets

- Project Carbonview, collaboration with Bushel,
 The Andersons, and built on Amazon Web
 Services cloud infrastructure, expected to track
 carbon emissions across ethanol chain
- **CHS Inc.,** largest Ag Coop in the U.S., agreed to be our carbon program provider, providing advice to growers moving to sustainable practices.

¹ Source: https://www.reuters.com/article/us-carbontrading-turnover/global-carbon-trading-turnover-at-record-214-billion-last-year-research-idUSKBN1ZN1RN; 2 Forward Group Research Carbon Credit Program Perceptions & Evaluation, July 2021



Enabling New Digital Platforms in Ag

Opens Access to Participate in Broader B2B AgTech Value Pools; Expanding into Digital Marketplaces



- Combines Bayer's ag expertise and leading digital farming platform with Microsoft's cloud technology and unrivaled B2B solutions, to enhance digital infrastructure
- Cloud-based set of digital tools and data science solutions for agriculture and adjacent industries
- Seeking to create and commercialize off-the-shelf opportunities for other companies to enter and innovate directly in ag and other industries.
- **Solutions** to address farming operations, sustainable sourcing, manufacturing and supply chain improvement, and **ESG** monitoring and measurement

Orbia: First Digital Ag-Marketplace



Colombia and Mexico

- JV between Bayer and Bravium¹
- Connects growers, input providers and grain traders to a network to expand their reach, secure financing, redeem rewards, purchase and sell inputs
- Established in 2019 in Brazil
- Main agricultural marketplace with largest loyalty program
- >300 distributors with inputs such as pesticides, seeds and fertilizers
- >185,000 registered growers
- Covers ~70% of planted area

¹ Brazil-based marketing agency



Setting the Standard for Sustainability and Biodiversity in Agriculture

Bayer's 2030 Sustainability Commitments

Advancing a carbon-zero future for agriculture

30% Reduction of field greenhouse gas emitted per kg of crops produced

- Climate-smart practices:
 - **Highly Productive Crops** No-tillage
- Cover Crops Precision Agriculture
- Optimize use of synthetic fertilizers through the use of microbes



Produce higher-yielding crops with fewer natural resources and inputs

30%

Reduction in Crop Protection impact on the environment

Climate FieldView for precision application of crop protection



- Resistant traits help to reduce INTACTA 25 crop protection use
- Develop and promote crop protection solutions with lower environmental impact

Empower 100 million smallholder farmers to access sustainable Ag solutions

Smallholders benefit from access to products, services and partnerships

Enhancing social innovation (e.g. with Better Life Farming)



Digital transformation with **FarmRise**



Introduce new, higher-yielding, resource efficient rice hybrids





Crop Science Mid-Term Targets

A Clear Plan to Outperform the Market and Expand Industry-Leading Profitability

	Sales / Sales Growth						
	— Actual — 2020	—— <i>сра</i> ——— 2021е*	At month-end Dec. 20 rates ² 2022-'24e	-			
Crop Science	€18.8bn	~ 7%	3% to 5%				
	EBITDA Margin (before special items)						
		At month end June 20 rates ¹	At month-end Dec. 20 rates ²				
	2020	2021e	2024e				

24.1%

Crop

Science

~ 23%

27% to 29%

Divisional Drivers CAGR cpa 2020-'24³ Sales: 3-4% . Herbicides: Xtendimax with VaporGrip Xtra recovery, Bayer Plus and other integrated offerings, pricing 6-7% · Fungicides and Insecticides: New products like Fox Supra, iblon, Luna and Vayego, integrated offerings Corn S&T: New hybrids, VTPro4, SmartStax PRO and 3-4% . VT4Pro traits Soybean S&T: Transition in 2021, then grow thereafter 1-2% ' with trait upgrades in the Americas 4-5% · Vegetable Seeds: New hybrids/varieties 1-2% . Other: ThryvOn Technology, U.S.and Brazil cotton, offset by loss of TSA sales to BASF

cEBITDA:

 Pricing lift from innovation and FX recovery in Brazil, augmented by new cost efficiency program; assumes Dec. 20 currency rates throughout plan.

^{*}As updated in August 2021 cpa: currency and portfolio adjusted

Currency assumptions based on month-end June 2021 spot rates (1 EUR=) 1.19 USD, 5.90 BRL, 7.69 CNY, 131 JPY, 24.4 MXN, 86.8 RUB

² Currency assumptions based on month-end December spot rates (1 EUR=) 1.23 USD, 6.37 BRL, 7.98 CNY, 126 JPY, 24.4 MXN, 91.5 RUB

³CAGR from 2020 base year.



Science for a Better Life

Transforming Pharma to Deliver Sustainable Long-term Growth

Investment Case

February 2022 / Bayer AG





Transforming Pharma to Deliver Sustainable Long-Term Growth

- 1 Market & Position
- 2 Strategy
- 3 Growth Drivers

- 4 Innovation
- 5 Sustainability
- 6 Financial Targets

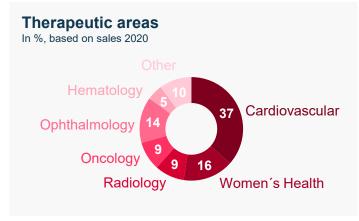


Pharma: Focused on Therapeutic Areas with High Unmet Needs











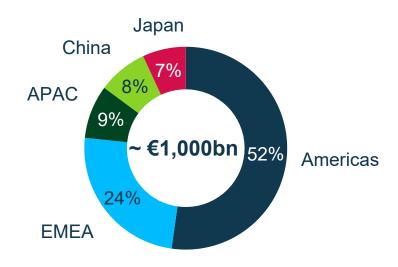




We are Operating in a Rapidly Changing but Attractive Market Environment Driven by Megatrends and the Bio Revolution

Pharma Market

Market Size 2020¹



Market CAGR 2020-24e²



¹ Source: IQVIA MIDAS MAT Q3-20

Market Dynamics

Opportunities

- Aging and growing population megatrends
- Rising life expectancy and increased access to healthcare systems
- Accelerated digital transformation across the value chain
- Technological disruption by breakthrough science
- Shift from treatment to prevention and potential cure

Challenges

- Pressure on pricing
- Declining R&D productivity
- Increased pressure for value and real-world evidence

² Source: IQVIA Market Prognosis as of September 2020



The Transformation of Pharma is Underway



Management team focused on improving existing structures and processes



Realize full potential of products and pipeline to mitigate LoE impact and return to growth



Re-allocate resources and shape financial profile to post LoE future



Capitalize and build on investments in breakthrough innovation, espec. C>



Challenge strategic direction of R&D - enhance focus on external innovation



Our Transformation is Guided by Five Strategic Focus Areas

Strategic Focus Areas

Portfolio and Pipeline



Digital Health



Cell & Gene Therapy



Oncology



China & US

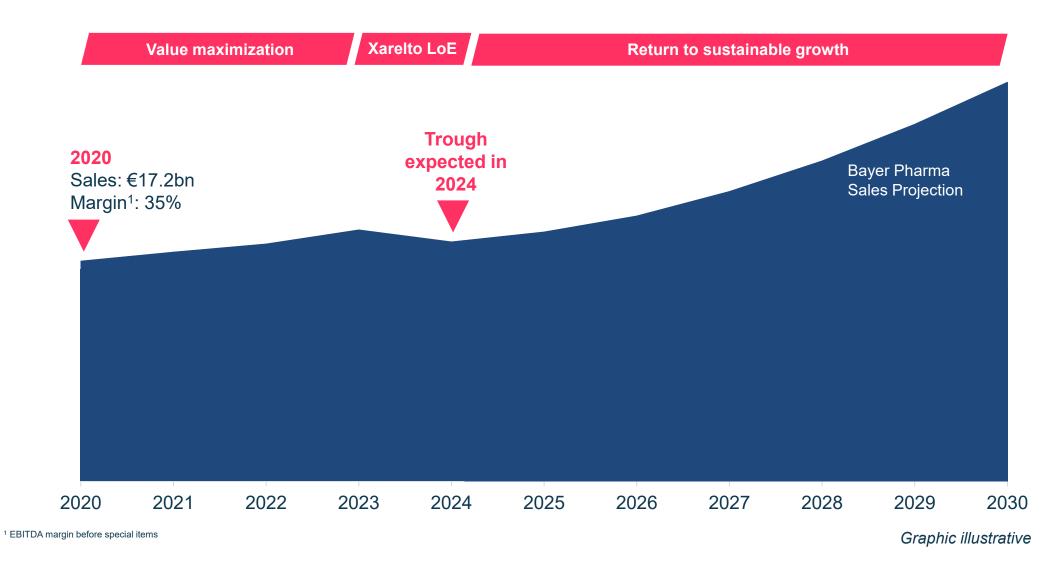


Key Priorities

- Maximize the value of the current portfolio and manage the loss of exclusivity for Xarelto & Eylea
- Deliver three new potential blockbusters from late-stage pipeline
- Build digital health solutions and capitalize on Cell & Gene therapy platform
- Build an at scale player in oncology in our areas of focus
- Evolve regional strategies in China and the US to sustain future growth



Bayer's Long-Term Sales Projection Reveals Limited LoE Impact and Return to Sustainable Long-term Growth





We Laid The Foundation for Long-term Growth at Pharma

Main Building Blocks of Post LoE Growth

Late-stage Pipeline in CV & WH





Elinzanetant

(KaNDy NT-814)

PSP ≥ €1.0bn

PSP ~ €0.5bn

PSP ≥ €1.0bn

Oncology



PSP ≥ €1bn



PSP > €0.75bn

Pipeline

eg. EGFRexon20 inhib., ATR inhib., TTCs

Cell & Gene Therapy Platform

C> platform expected to deliver significant sales contributions from ~2025 onwards





External Innovation and BD&L

>25 BD&L-transactions signed in 2020 Enhanced focus on external innovation to replenish pipeline

 ¹ In collaboration with Merck & Co. Inc., Kenilworth, NJ, USA
 ² In collaboration with Orion Corporation
 PSP = Peak Sales Potential



Kerendia may Become a Foundational Cardio-renal Disease Modifier with a Strong Scientific and Clinical Base

Today Mid- to long-term CKD dedicated treatment with Cardio-renal disease modifier CV benefits FIDELIO-DKD FIGARO-DKD **FINEARTS-HF** FIND-CKD **FIDELITY** 2020 2021 2024e 2025e Chronic Kidney Disease in **Heart Failure** Non-diabetic Chronic Type-2-Diabetes (HFm/pEF) Kidney Disease

- Chronic Kidney Disease in Type-2-Diabetes
 - 160 mio patients
 - Shortens life expectancy by 16 years
 - #1 cause for dialysis / transplants
- Keredia provides kidney and heart protection for patients along the disease continuum in CKD and T2D
- New drug class on top of existing treatment paradigm
- Launched in the US
- Life-cycle management expanding into heart failure (HFm/pEF) and non-diabetic CKD



Global Roll-out of Launch-Products Underway



Darolutamide (AR-Antagonist)¹

- Launched in nmCRPC global rollout underway
- Differentiated clinical profile 31%
 OS benefit & favourable safety profile (ARAMIS)
- Prim. completion of phase III trial in mHSPC with chemo in 2021e (ARASENS)
- New phase III trial in mHSPC without chemo (ARANOTE)
- Peak sales potential ≥€1bn



Larotrectinib (TRK-inhibitor)

- First and only selective TRK inhibitor
- Tumor agnostic label unprecedented clincial benefit in 17 tumor types
- High overall response rate across adults (71%) and pediatric (92%) patients
- CNS efficacy demonstrated
- Peak sales potential >€750m



Vericiguat (sGC-stimulator)²

- Launched in the US for the treatment of chronic heart failure (HFrEF)
- Absolute risk reduction of 4.2 per 100 patient years for the primary endpoint demonstrated in pivotal VICTORIA trial
- Submitted for marketing authorization in multiple countries worldwide.
- Peak sales potential ~€500m (as reported by Bayer)

¹ In collaboration with Orion Corporation

² In collaboration with Merck & Co. Inc., Kenilworth, NJ, USA



We are Targeting to Significantly Expand our Presence in Select Areas of Oncology where One Blockbuster can Build a Franchise

Key elements to achieve our growth aspiration



Key sales contributors, graphic illustrative

- Realize blockbuster potential of NUBEQA
- Expand prostate franchise with NUBEQA and Xofigo
- Continue to execute launch of VITRAKVI
- Expand into IO-combo opportunities with Stivarga
- Accelerate early pipeline projects
- Seek external growth opportunities through BD&L
- Continue to invest in next generation disruptive technologies



Highlighting Late-/Mid-stage Pipeline Opportunities and Scientifically Appealing Early R&D Assets

Late-/Mid-Stage Opportunities¹



Finerenone

- Non-diabetic CKD
- Heart Failure



Factor XI(a) portfolio

Thrombo-embolic diseases



Elinzanetant (KaNDy NT-814)

Vasomotor symptoms during menopause



P2X3 Receptor Antagonist

Multi-indication opportunity

Scientifically Appealing Early Assets¹



Precision Molecular Oncology

- EGFRex20 inhibitor
- ATR inhibitor



Targeted Alpha Therapies

Thorium conjugates



CAR T-Cell Immuno-oncology

Collaboration with Atara Biotherapeutics



Gene Therapy

AskBio AAV gene augmentation platform



Cell Therapy

BlueRock iPSC technology platform

¹ selected examples



External Innovation to Accelerate Replenishment of Pipeline and Broaden Modalities

Selected High-Level Overview

Momentum Significantly Increased

>25 Transactions signed in 2020

- Deals covering the entire spectrum from equity investments (with LEAPS), over licensing agreements to acquisitions
- Active portfolio management taking internal assets outside (eg. Vincera Pharma)

Strategic Focus

- Venturing into new modalities (Cell & Gene Therapy)
- Broadening the Oncology pipeline (eg. Systems Oncology, Atara)
- Commercial partnerships in China (eg. Hua Medicine)
- Deals in the Digital Space (eg. R&D: Schroedinger, Exscientia, Recursion; Commercial: OneDrop)
- Continued augmentation of core therapeutic areas: (WHC: KaNDy Therapeutics)
- Strengthening the Cardiovascular pipeline (Curadev, Broad Institute)



Our Cell & Gene Therapy Strategy Builds on Four Integrated Platforms to Drive the Next Wave of Innovation at Pharma

Gene Augmentation



- Industry-leading AAV vector gene augmentation platform
- Monogenic & pathway diseases
- CDMO business (Viralgen) already generates revenues

Stem Cells



- Creating induced pluripotent stem cells (iPSC) with broad differentiation
- Create an entirely new generation of cellular medicines
- Ph 1 for lead program in Parkinson's disease

Allogeneic Cell Therapy

Collaboration with Atara Biotherapeutics

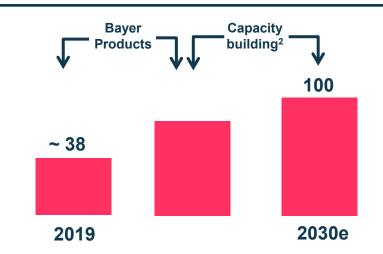
- Next-generation, mesothelin-directed CAR T-cell therapies
- Focus on potential allogeneic, "off the shelf" tumor therapies

Gene Editing as cross-functional enabling technology



Sustainability is Fully Embedded in our Strategy

Providing 100m women in LMIC¹ with access to modern contraception



Implementing patient affordability programs around the world

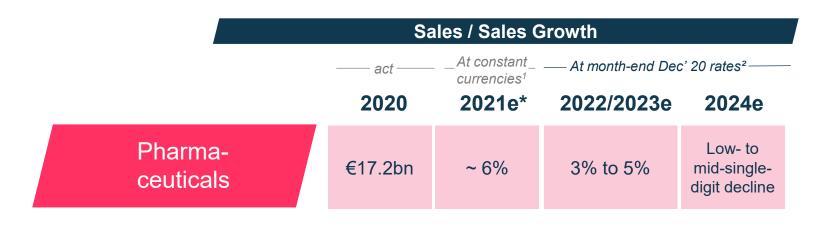
We aim to broaden access to our pharmaceutical products to 100m people in low- and middle-income countries

- "Health for All Hunger for None" are core to our raison d'être at Pharma
- Measurable targets linked to incentive scheme
- Adopting an equitable pricing approach that incorporates country-level affordability.
- Focus on LMIC as priority in terms of pricing flexibility and patient affordability program implementation.

Numbers reflect women using modern contraception (millions) ¹ LMIC: low and middle income countries ² Capacity building refers to the development of knowledge, skills, commitment, structures, systems and leadership to enable and strengthen self-reliance and resilience of the local health systems and of the key players towards family planning and sexual reproductive health. We aim to do leverage partnerships to create impact at scale.



Mid-term Targets for Pharma Reflect Limited Impact from the LoE for Xarelto



Divisional Drivers

- Top-line trough due to Xarelto LoE expected in 2024 - returning to growth thereafter
- New launches (eg. Nubeqa, Verquvo, Finerenone) to drive growth

- Continued focus on tight expense control
- Investing in new launches

cpa: currency and portfolio adjusted

^{*} As updated in August 2021

¹ Reflects our 2021 plan at the average actual currencies for 2020 2 Currency assumptions based on month-end December spot rates (1 EUR=) 1.23 USD, 6.37 BRL, 7.98 CNY, 126 JPY, 24.4 MXN, 91.5 RUB



Science for a Better Life

Winning in Consumer Health

Investment Case

February 2022 / Bayer AG



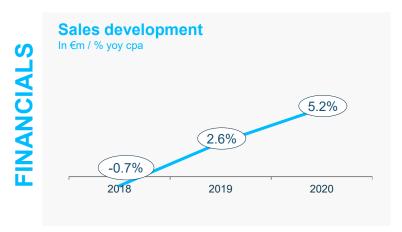


Winning in Consumer Health

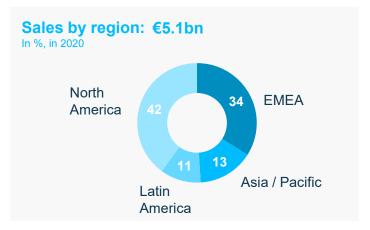
- 1 Market & Position
- 2 Strategy
- 3 Sustainability
- 4 Financial Targets

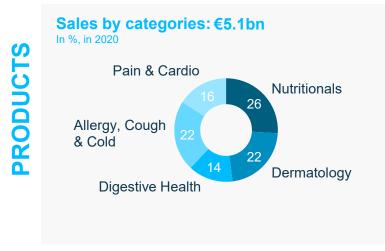


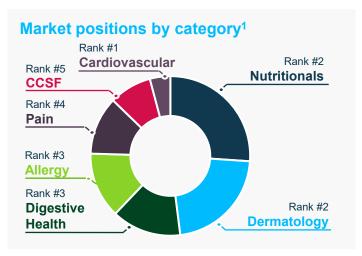
Consumer Health: A Leading Global OTC Player











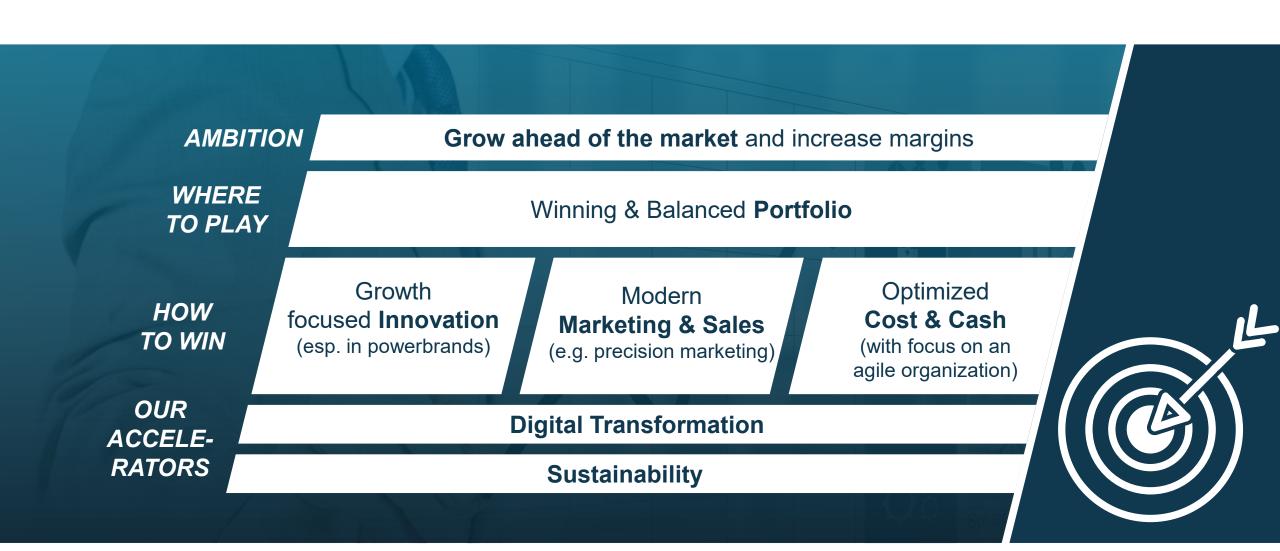


¹ Nicholas Hall & Company DB6 October 2020



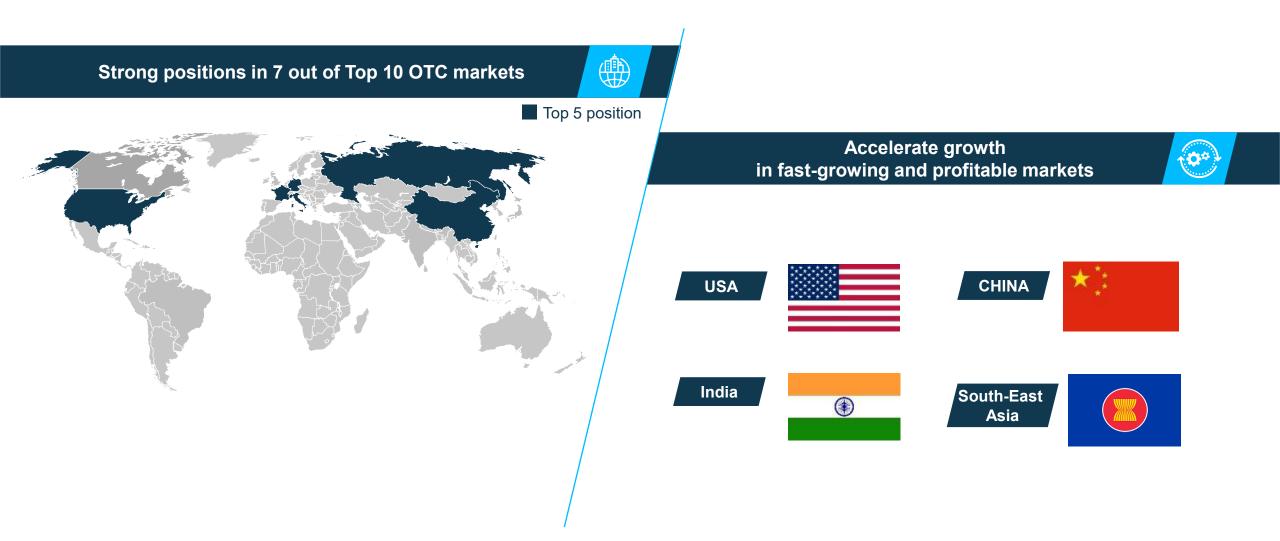


A Multifaceted Plan to Drive Further Growth





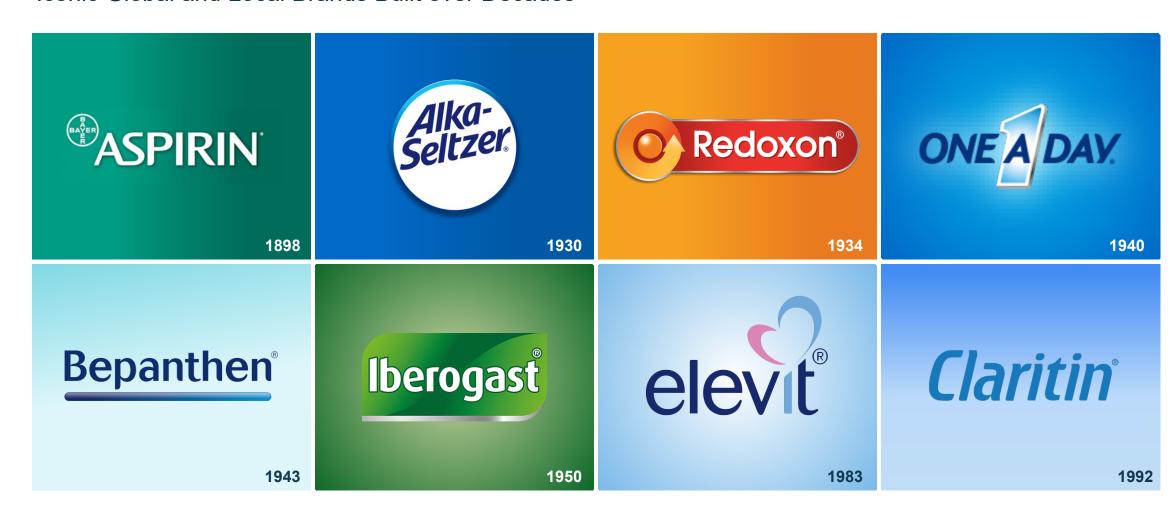
Driving Disproportionate Growth in Attractive Segments and Markets





Accelerating Growth from Innovation

Iconic Global and Local Brands Built over Decades





Modernizing Our Brand Building and Sales Capabilities

Brands with Purpose









From Mass to Precision Marketing



% Precision marketing¹

25%2018

50%

2020

80%

2024 - Ambition

Accelerating E-commerce



% Net Sales²

3% 2018

7%

2020

15%+

2024 - Ambition

¹ Percentage of digital media which is data-driven precision marketing

² Percentage of net sales which is through e-commerce channels



Taking Bold Steps on Sustainability

2030 Goal

Expand access to everyday health for 100 million underserved consumers



Societal



Environmental

Health Literacy

Partnerships & brand purpose activations for underserved



Vitamin Angels, Kirk Humanitarian

Accessible Products

Affordable formats, innovations, and go-to-market (GTM) models



Accessible SKUs & relevant GTMs

Carbon Neutral Production

CO2 reduction: Energy efficiency and renewable energy projects



Removal of ozone depleting liquids from HVAC plants

Sustainable Products

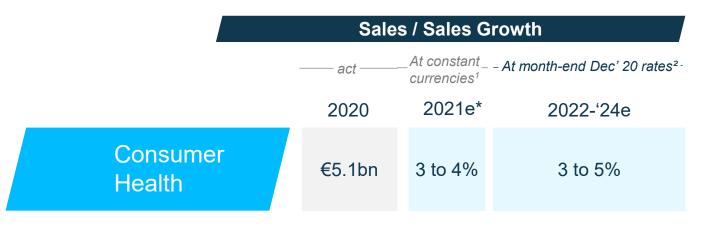
Sustainable packaging

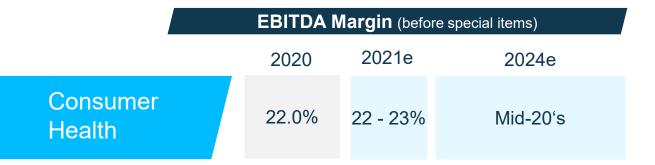


Baselining of environmental impact of packaging & finding alternatives



Consumer Health: Sustainable Profitable Growth





Divisional Drivers

- Net Sales to grow above market
- cEBITDA improvement through growth acceleration and continued efficiency gains
- Focus on continued Cash Flow improvement

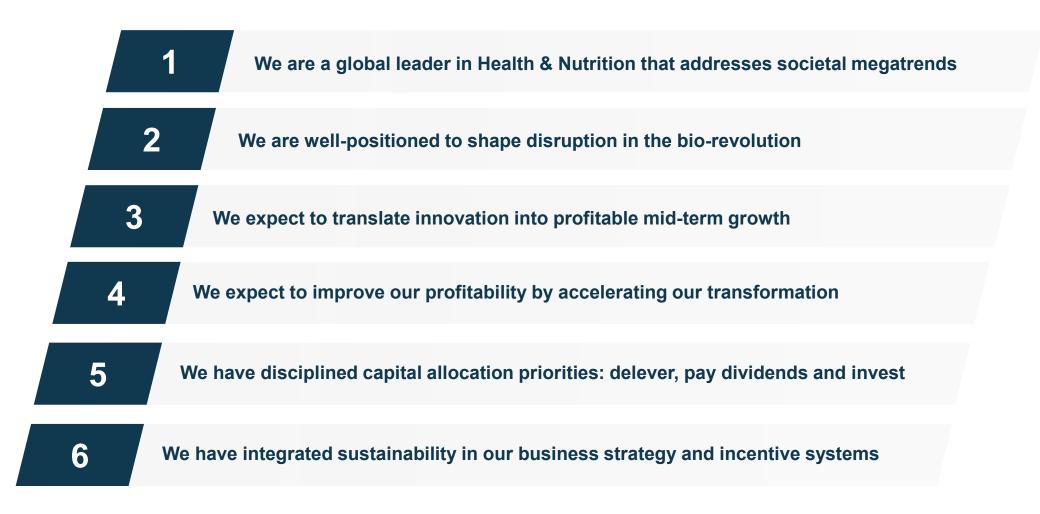
^{*} As updated in August 2021 cpa: currency and portfolio adjusted

¹ Reflects our 2021 plan at the average actual currencies for 2020 ² Currency assumptions based on month-end December spot rates (1 EUR=) 1.23 USD, 6.37 BRL, 7.98 CNY, 126 JPY, 24.4 MXN, 91.5 RUB



Investment Thesis

Key Takeaways





Science for a Better Life

A Global Leader in Health & Nutrition

Investment Case

February 2022 / Bayer AG

