Chr. Hansen Q4 2022/23

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Investor presentation October 12, 2023





Safe harbor statement

This presentation contains forward-looking statements that reflect management's current views and expectations with respect to Chr. Hansen's future and potential financial performance.

Those forward-looking statements are based upon data and information currently available to the company, and on a variety of assumptions, many of which may be beyond our control and subject to risks and uncertainties that may cause the actual results of the Company or the industry to differ materially from such forward-looking statements.

The information, opinions and forward-looking statements are provided as of the date stated in this document and the Company is under no obligation to publish any updates thereof except for what is required by applicable law or stock exchange rules and regulations.



Strong Q4 supports a solid performance for the first twelve months of the extended financial year 2022/23

Financial highlights Q4/YTD 2022/23





Double-digit growth in lighthouses and core

Strategic and operational highlights Q4/YTD 2022/23

2025 STRATEGY



REINVEST

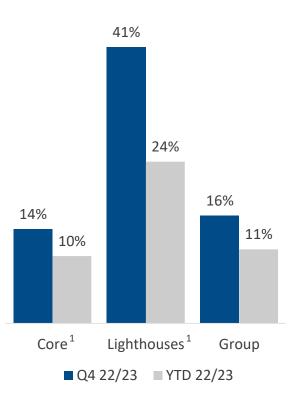
Successful customer collaborations to drive productivity and accelerate innovation in **Dairy** and plant-based including introduction of live probiotics in ambient category



REINVEST

New probiotic strain introduced in gut-brain in Human Health with publication of its first clinical study

ORGANIC GROWTH Q4/YTD 2022/23







LEVERAGE

Approval from the Chinese authorities with regards to the technology to produce each of three **HMO**s (2'-FL, LNT and 3-FL)

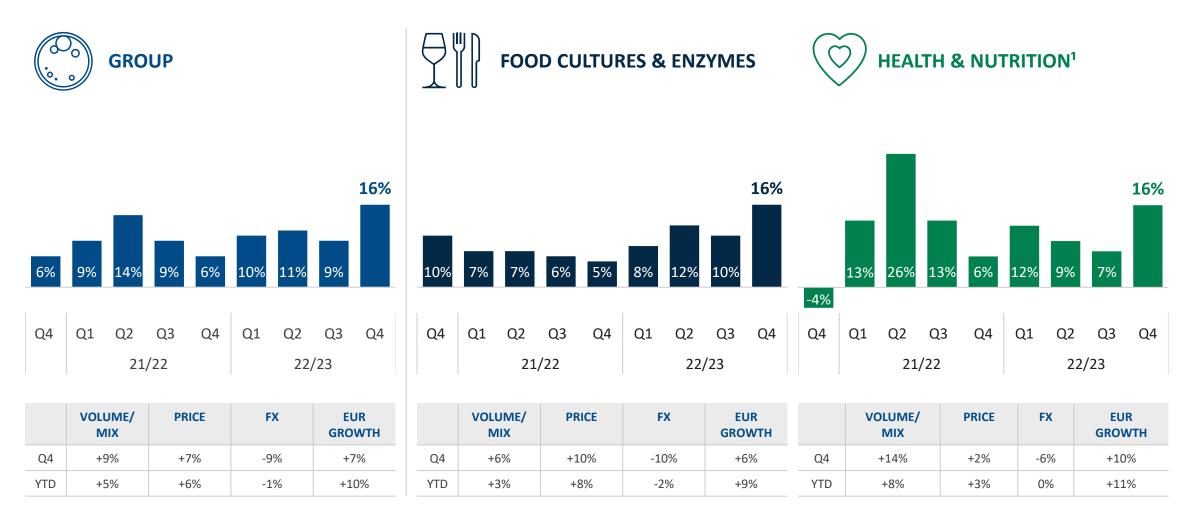


GROUP Solid pricing contribution from inflation-driven price increases

¹ Core includes FC&E ex. Bioprotection and Fermented Plant Bases, Human Health and Animal Health. Lighthouses includes Bioprotection, Fermented Plant Bases, HMO and Plant Health.

Double-digit growth in both FC&E and H&N driven by volume and pricing

Organic sales performance by business area





¹ The acquisition of HSO HC is included in organic growth since Q3 2020/21 (closing April 2020), UAS Labs (closing July 2020) and Jennewein (closing October 2021) since Q1 2021/22.

Strong growth across most regions

Organic sales performance by region

ORGANIC GROWTH Q4/YTD 2022/23



YTD: +7%

NORTH AMERICA 33% of revenue YTD

- Growth driven by both H&N and FC&E
- H&N supported by very strong volume growth and pricing initiatives
- FC&E driven by solid volume growth across categories

+20%

YTD: +20%

LATIN AMERICA 12% of revenue YTD

- Growth driven by pricing initiatives, including EUR-based pricing, and volume growth in FC&E
- H&N delivered a slight decline

+20%

YTD: +16%

EUROPE, MIDDLE EAST & AFRICA 38% of revenue YTD

- Growth driven by both H&N and FC&E
- H&N supported by very strong volume growth and pricing initiatives
- FC&E supported by pricing, including EUR-based pricing, as well as solid volume growth



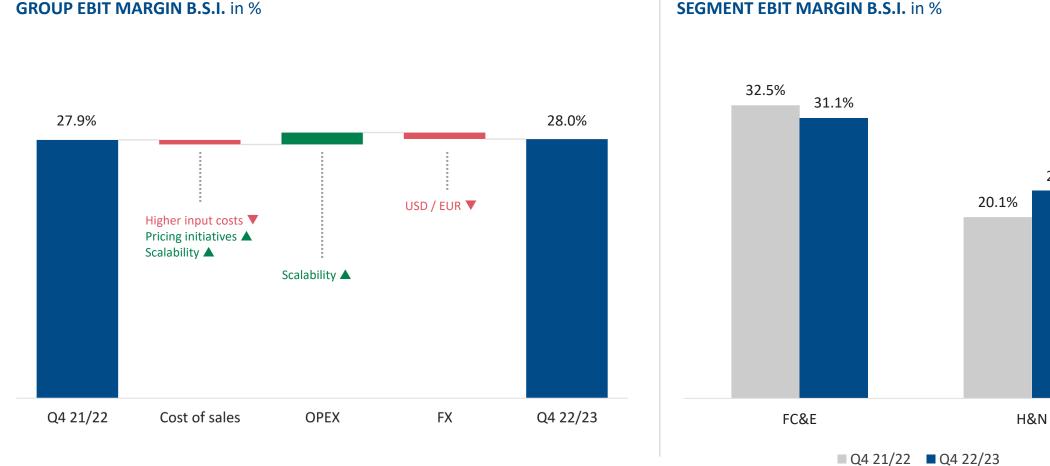
YTD: +4%

ASIA-PACIFIC 17% of revenue YTD

- Growth driven by both FC&E and H&N
- China contributed positively to the growth of FC&E
- Growth mainly driven by volume, but also supported by pricing



Improved profitability driven by strong sales development and pricing EBIT margin b.s.i. Q4 2022/23

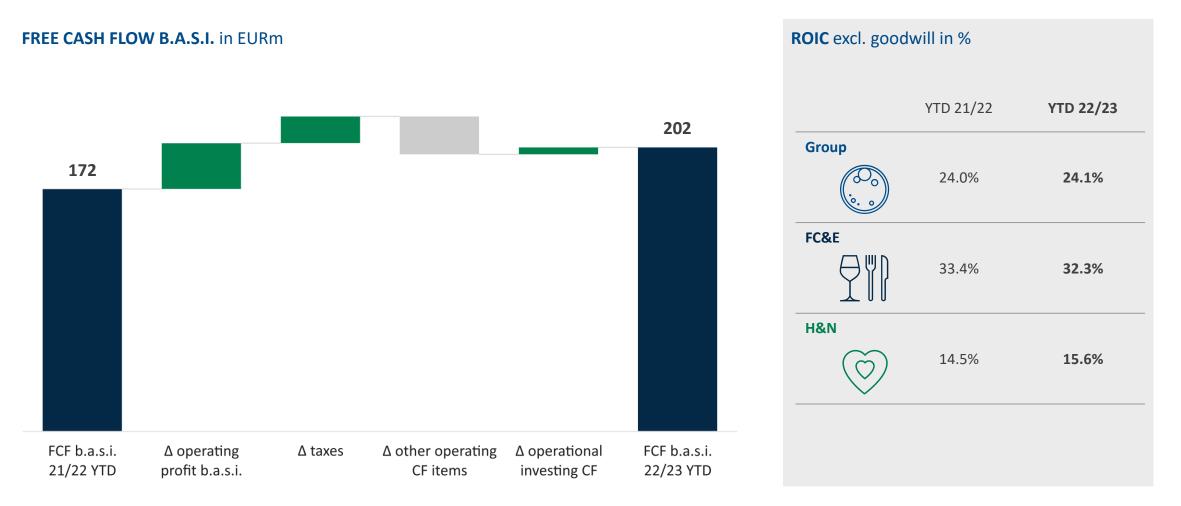


SEGMENT EBIT MARGIN B.S.I. in %



23.0%

Improved operating profit and less taxes paid, partly offset by higher working capital







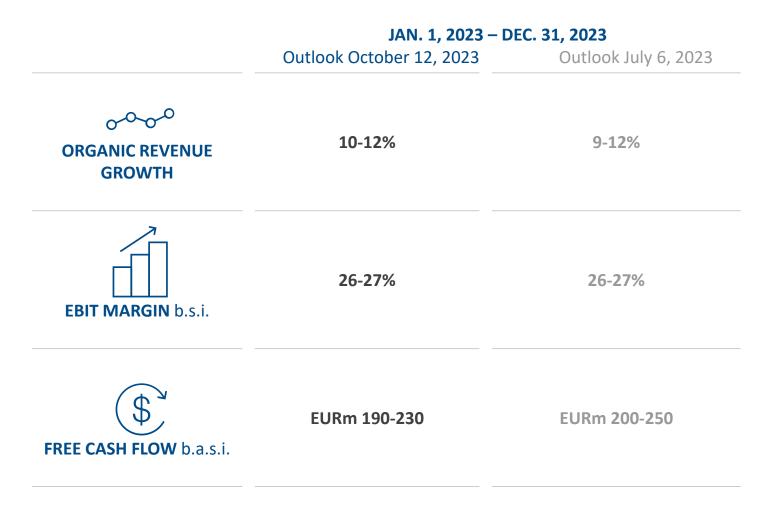
Follow-up on 12-month outlook

September 1, 2022 – August 31, 2023



Outlook for calendar year 2023

In light of the performance for the first eight months of 2023, the outlook is adjusted for organic revenue growth and free cash flow b.a.s.i., while maintained for EBIT margin b.s.i.



ORGANIC GROWTH

• Organic growth for the remaining four months of 2023 is expected to be driven primarily by price growth including a positive impact from EUR-based pricing.

SENSITIVITY

- Continued changes in the geopolitical and macroeconomic climate, including additional sanctions against Russia or other countries where Chr. Hansen operates, supply disruptions and developments in raw material and other input costs, such as energy, may impact the outlook for the remainder of 2023.
- The outlook for the calendar year 2023 is based on actual exchange rates until October 11, 2023, and for the remainder of the calendar year 2023 assuming constant exchange rates at the current level of EUR/USD rate of 1.06, compared to 1.09 at the time of the most recent outlook, provided on July 6, 2023.



Novozymes and Chr. Hansen combination

Update on the progress to complete the proposed merger

PROPOSED MERGER

- On March 30, the EGMs of Chr. Hansen and Novozymes approved the proposed combination with a significant majority
- The shareholders of Chr. Hansen also approved the change of financial year to follow the calendar year
- Since March 2023, the proposed merger has been cleared in the US, China, France (FDI), Italy (FDI), South Africa, Brazil and Turkey
- The completion of the combination remains subject to the satisfaction of an additional number of conditions set out in the merger plan, including certain additional regulatory approvals
- On October 10, Novozymes announced the operating model and Executive Leadership Team for the future combined company
- The completion of the combination is expected in the fourth quarter of the calendar year 2023 or the first quarter of the calendar year 2024

INTERIM DIVIDEND

- The interim dividend covers the period September 1, 2022 August 31, 2023.
- In connection with the merger agreement, Novozymes and Chr. Hansen have agreed on certain specific provisions in respect of distributions to their shareholders until completion of the proposed merger.
- Consistent with the merger agreement with Novozymes, the Board of Directors has decided to declare an interim dividend of DKK 7.72 or EUR 1.04 per share (ex-dividend date of October 13, 2023).
- The total dividend of EUR 137 million is equivalent to 55% of the adjusted profit for the period September 1, 2022 to August 31, 2023, and will be paid on October 17, 2023.

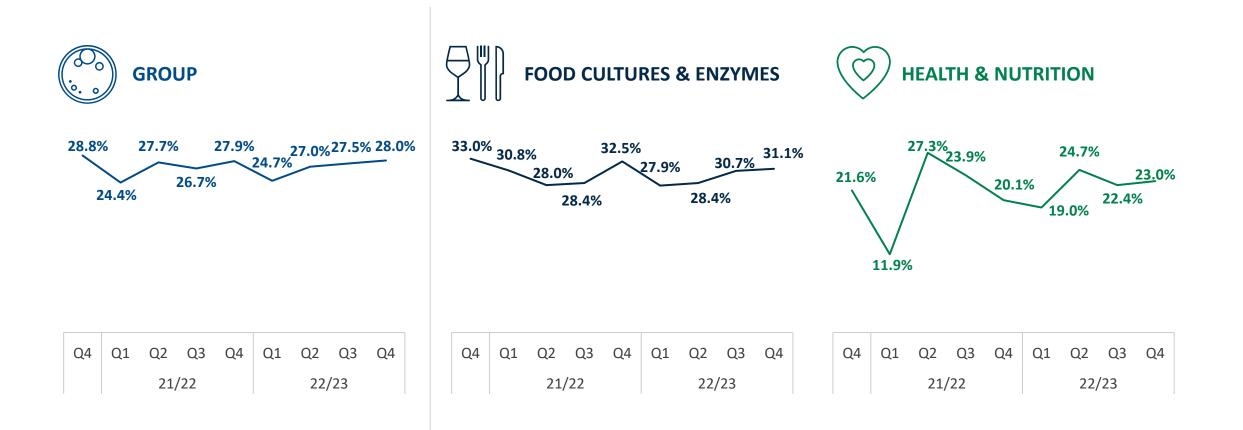






EBIT margin b.s.i. by segment

Quarterly development





What makes us stand out

Equity story highlights



A leading bioscience player



Exposure to attractive growth areas supported by megatrends



Innovation-driven with focused microbial and fermentation technology capabilities



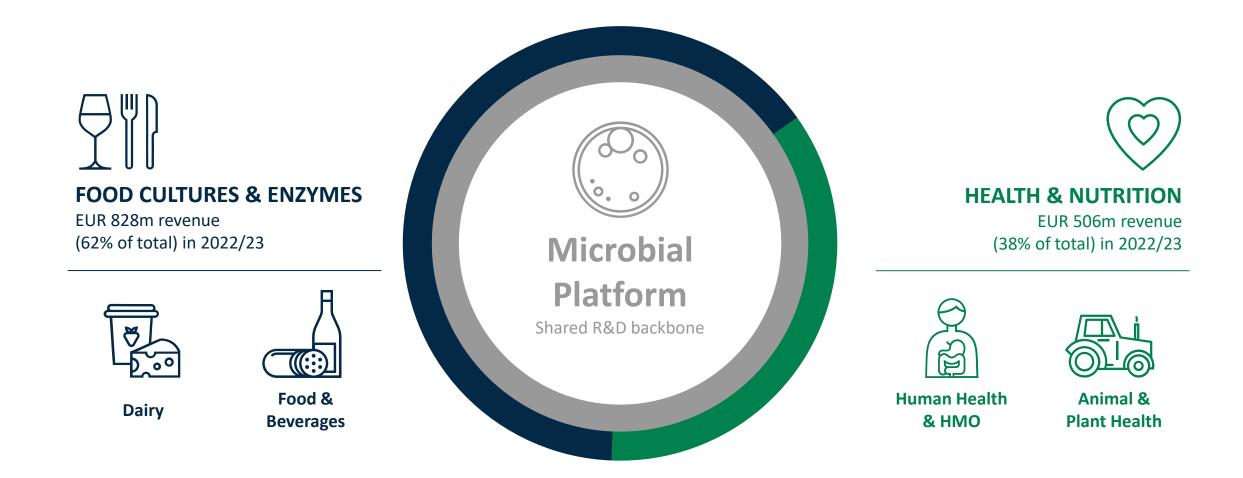
Sustainable products ('handprint')



Strong cash flow generation with clear capital allocation priorities



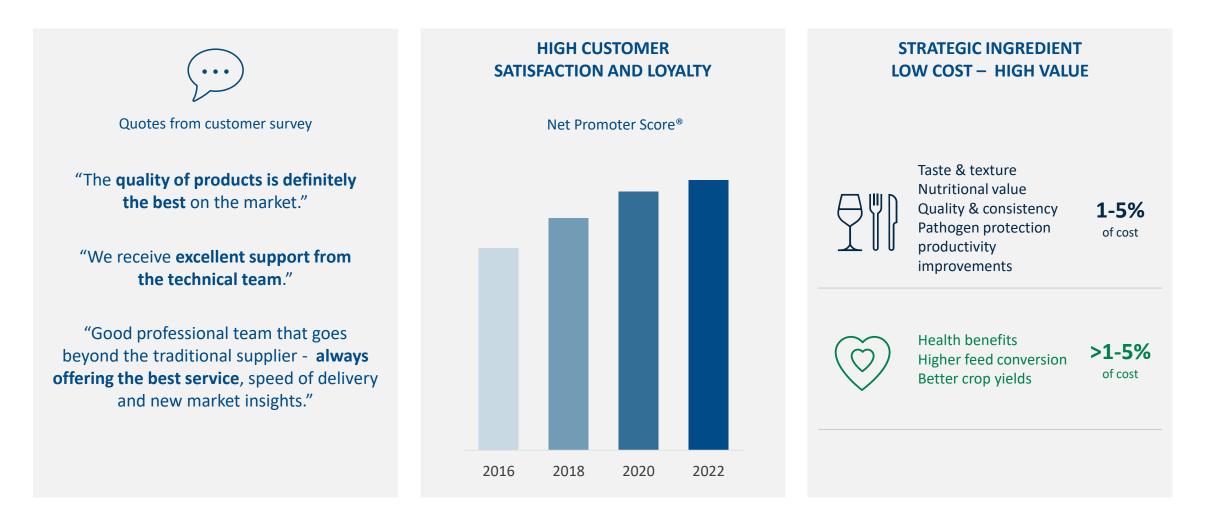
Chr. Hansen is a microbial and fermentation technology leader





We are the preferred partner

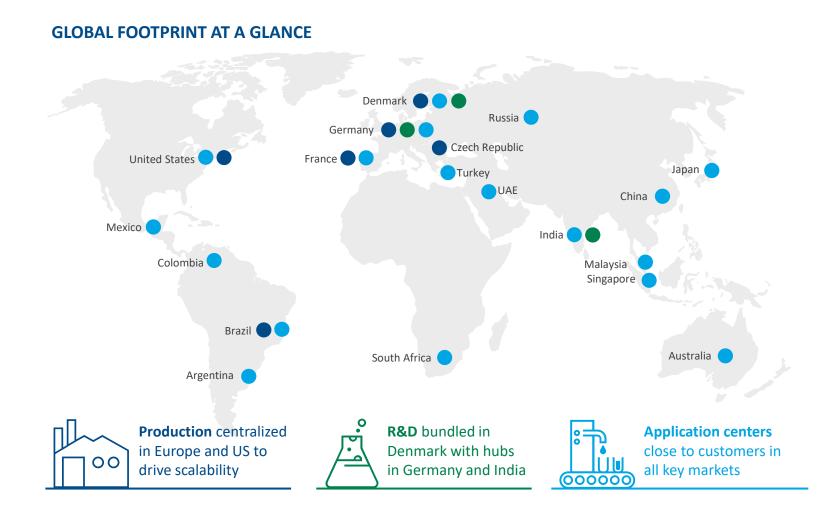
for strategic value-added ingredients



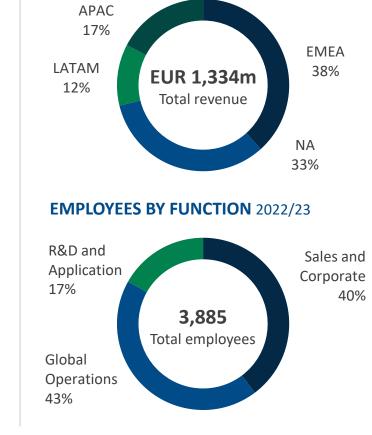


We operate globally

with a centralized R&D and production set-up and a comprehensive network of application centers



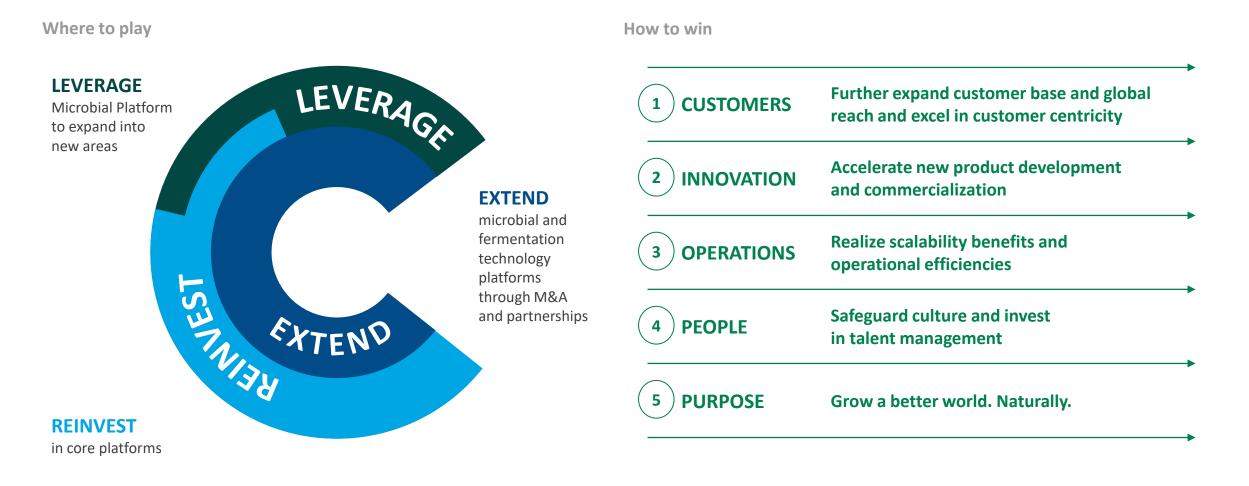
REVENUE BY REGION 2022/23





2025 Strategy: Creating a differentiated bioscience company

with focus on microbial and fermentation technology platforms to grow a better world. Naturally.

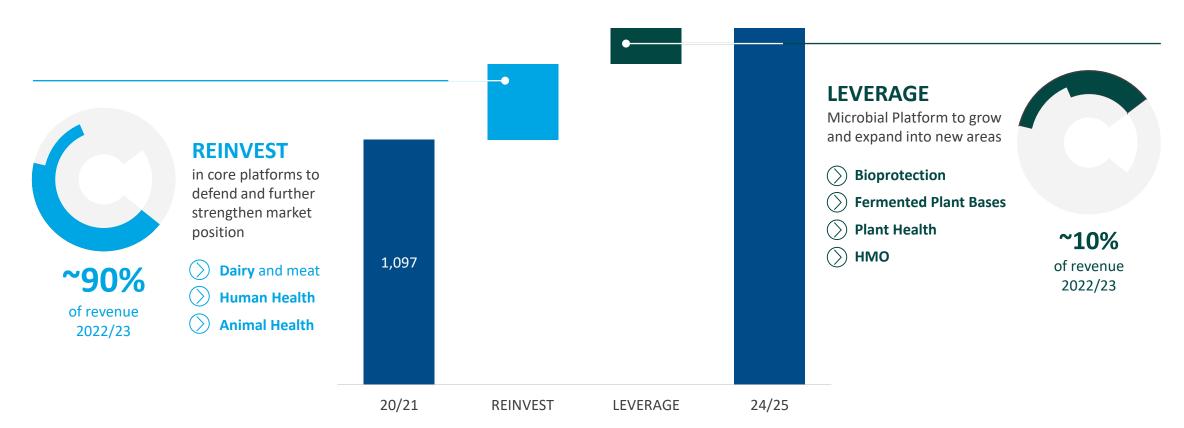




Core platforms will be the biggest absolute growth driver until 2025

while new growth areas are expected to grow faster than Group

ABSOLUTE GROWTH DRIVERS UNTIL FY25





We will continue to reinvest in our core FC&E business

to bring new innovations to customers





Conversion in fermented milk ~80% (potential: 90%) and in cheese ~55% (potential: 75%)

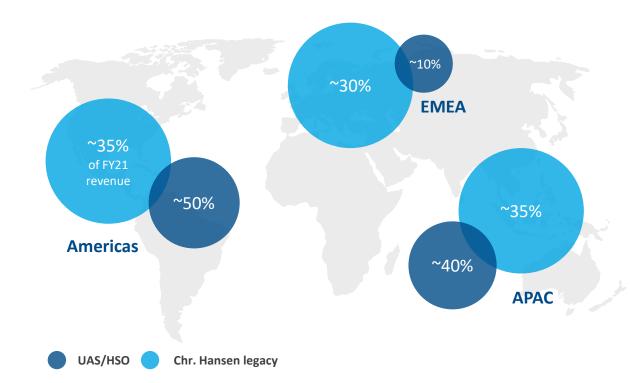


Human Health is uniquely positioned after the acquisitions

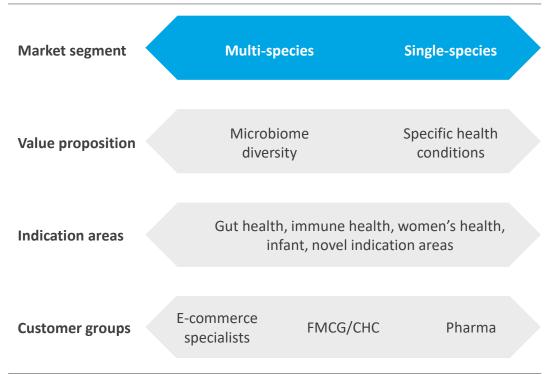
to serve a broader customer base and realize synergies



WE WILL LEVERAGE OUR GLOBAL COMMERCIAL CAPABILITIES TO ROLL OUT OUR PRODUCT OFFERING GLOBALLY....



... TO A BROADER CUSTOMER BASE IN DIFFERENT SEGMENTS, INDICATION AREAS AND CHANNELS





In Animal Health we will continue to expand our presence

working with partners and direct accounts and rolling our products out globally

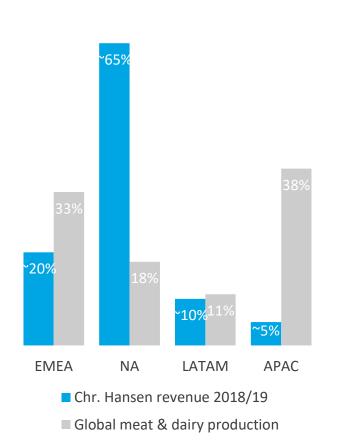


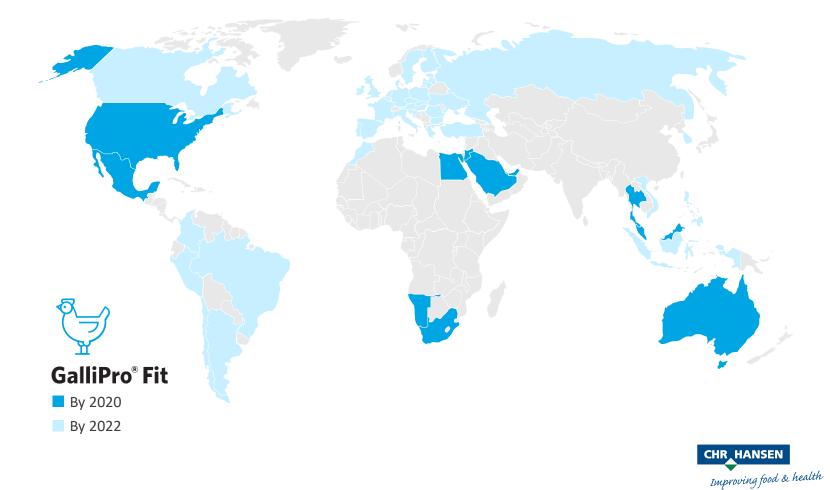
EXPANDING OUTSIDE OF NORTH AMERICA

Animal Health revenue vs. global meat and dairy production volumes by regions¹

GLOBAL ROLL-OUT OF PRODUCT PORTFOLIO

Example: Countries with (expected) registrations for GALLIPRO[®] Fit

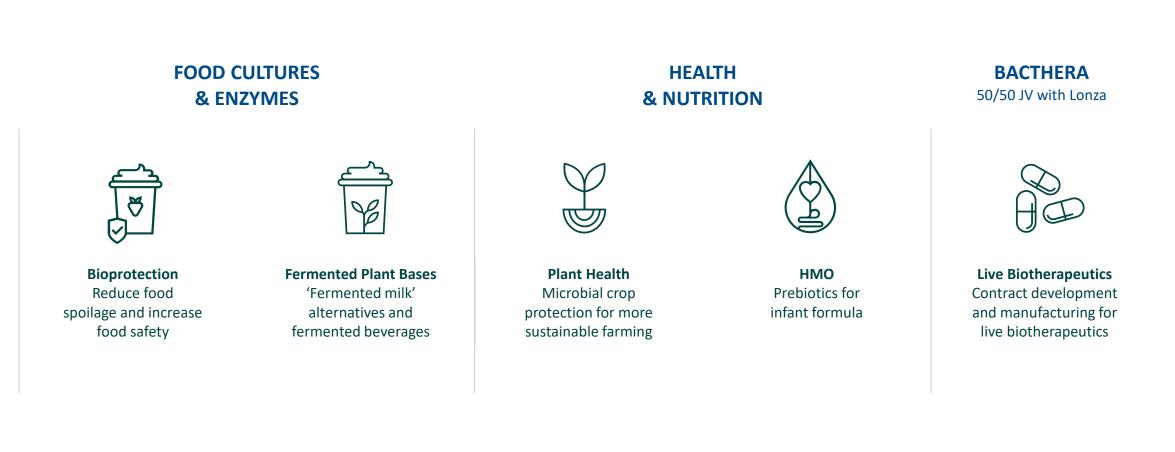




¹ FAOSTAT (2018).

We leverage our technology platform to expand into new areas

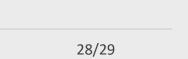
and bring microbial solutions to food, health, pharma and farming sectors





24

CHR_HANSEN Improving food & health



Speed of market expansion dependent on: 1500 **Regulatory** approvals IF volume development 2nd wave 35% ()Mix vs. single HMO CAGR China ()Dosage 1000 \bigcirc Penetration \bigcirc Pricing 1st wave 500 **US/ Europe** 20% CAGR **************** 0 19/20 24/25

HMO MARKET EXPANSION DEPENDENT ON SEVERAL FACTORS

Addressable market in EURm (illustrative)



will be driven by consumer demand for 'close-to-nature' infant formula and increasing scientific evidence

STRONG UNDERLYING GROWTH DRIVERS

2020

- Acquisition of Jennewein with EUR 19m revenue in FY21 and ~120 employees
- Pioneer in HMO manufacturing with highly cost-competitive and IP protected downstream process

2021-22

- Establishment of HMO as separate, full value chain under H&N
- Production expanded to secure capacity short-term
- New Applied HMO team established, and R&D center inaugurated
- New regulatory approvals for HMO in Europe, North America and Israel

2022-25

 $\square \circ \circ$

- Expand manufacturing capacity; scale a key driver for HMO business to break even
- Secure regulatory approval of HMOs in China and registration of 5HMO mix for several markets

Beyond 25

- Expand manufacturing capacity
- Bring next generation HMOs to market
- Explore applications beyond infant formula e.g., supplements
- Develop synbiotics





Our microbial solutions enable a more sustainable food system from farm to fork and contribute positively to the global health agenda

GLOBAL CHALLEN	GE ¹	MICROBIAL OPPORTUNITY	
GROWING POPULATION	 +50% protein needed to feed 10bn in 2050 Growing consumerism in emerging markets 	Increase dairy efficiency	Prevent food contamination
RESOURCE SCARCITY	 75% of agricultural land used to produce 1/3 of protein 1/3 of food is wasted 	Better feed conversion in livestock	Less antibiotic growth promoters
CLIMATE CHANGE	 Industrialized animal ag stands for 15% of global emissions Global food system key driver for biodiversity loss 	New plant-based foods with lower carbon footprint	Alternatives to chemical crop protection
RISING HEALTH COSTS	 Number of people age 65+ to double by 2050 Chronic diseases account for >50% of deaths worldwide Antimicrobial resistance top 10 global public health threat 	Healthier food – less sugar, salt, lactose and fat	Health through nutrition – HMOs and probiotics



¹Sources: Good Food Institute, AMR, WHO, UN.

Our microbial solutions help the agricultural industry become more efficient

with solutions that improve productivity and make more out of less

DAIRIES ARE INCREASINGLY CHALLENGED BY

- Rising raw material costs
- Rising milk prices

Rising energy costs

Rising labor costs



CHY-MAX[®] S / YIELDMAX[®]

- Helps cheese makers achieve higher yield of up to 1%
- Enables faster and more precise production



YOFLEX® PREMIUM

 Allows protein savings of 3-4% by reducing unnecessary ingredients such as skim milk powder equal to 1-3% in COGS

Yield increase of up to 1.5%¹ Faster and more efficient production Extension of shelf-life Yield Functionality Added value

 The cheese producer achieved yearly cost savings of 960,000 EUR¹

¹The cheese producer has a yearly production of 16,000 tons. The cheese price is 4,000 EUR per ton.



Innovation-driven

with focused microbial and fermentation technology capabilities



Nearly 150 years of experience in microbial science



One of the industry's largest culture collections with +50,000 strains



Mastering complexity with +400 strains produced at industrial scale

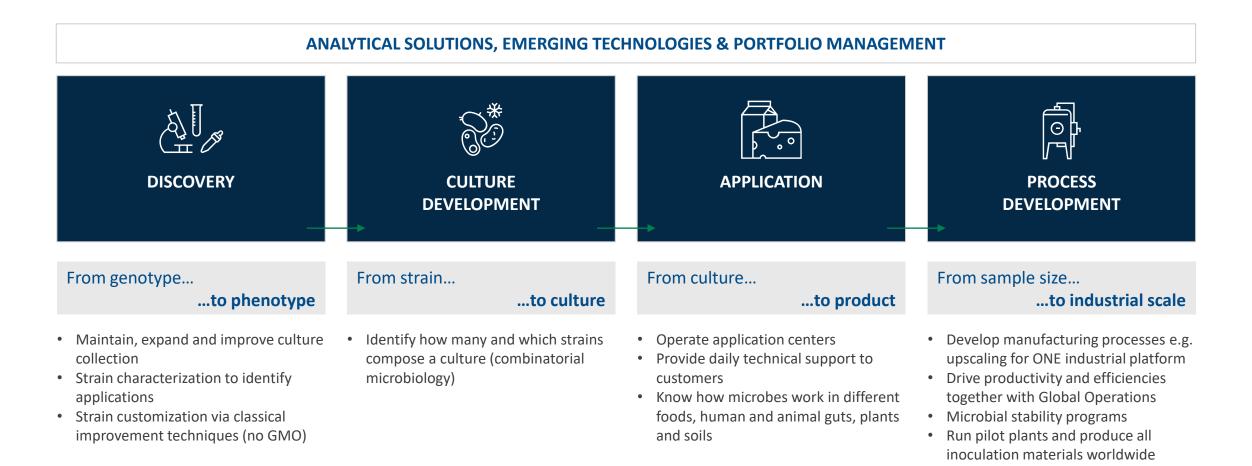


~8% of revenue spent on research and development



Chr. Hansen is a microbial powerhouse

with leading capabilities across the entire R&D value chain





Strong and well-balanced R&D pipeline

to drive growth during strategy period until 2025 and beyond

		Short-term				Mid- to long-te	rm
$\sum \left \left \right \right $	DAIRY	Maintain lead in core r next generation dairy e sugar reduction		'Vegurt' offering	Expansion of bioprotection range	Probiotics for new food applications	alternatives
FOOD CULTURES & ENZYMES	FOOD & BEVERAGES	Bioprotection for meat alternatives	Solutions for formented		Non-alcoholic be	eer	
	HUMAN HEALTH & HMO	New strains for infant and dietary supplements		Next generation H	MOs	Synbiotics	
HEALTH & NUTRITION	ANIMAL & PLANT HEALTH	Pet health Biosti	imulant Bi	iofungicide	Next generation pro strains for swine an		Next generation bionematicides



Sustainable products



Ranked as a leader in sustainability by Corporate Knights

>1 billion

People consume a product with a Chr. Hansen ingredient every day

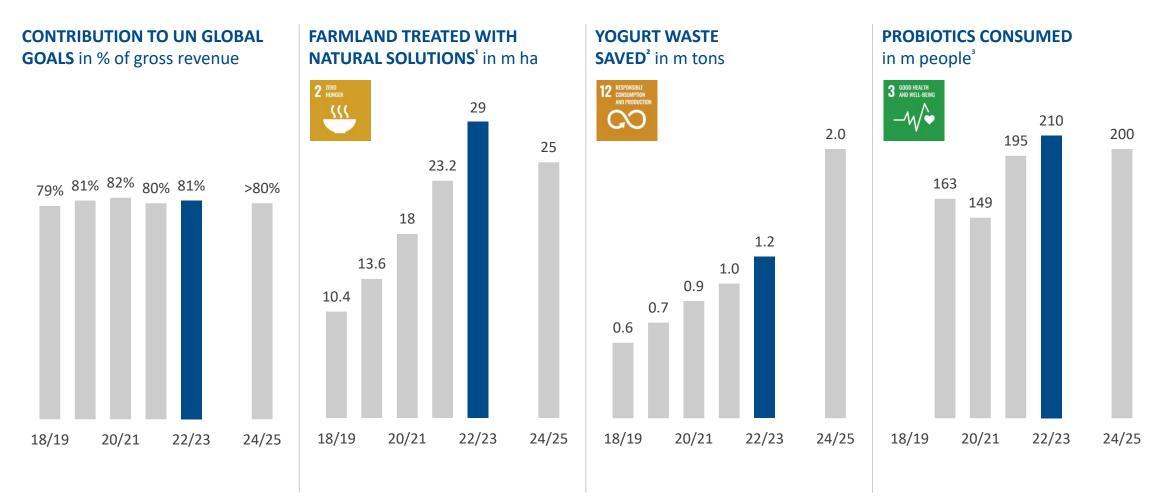
81%

Of our revenue contributing positively to the United Nation's Sustainable Development Goals



81% of our revenue contribute to the Sustainable Development Goals

as per our annual product mapping which is assured by PwC⁴



¹ Includes Plant Health and Animal Health silage inoculants.

² Figures have been recalculated in FY21 based on a minor adjustment of the methodology.

³ New KPI was introduced in FY21.

⁴ The figures for FY23 have not been assured by PwC.

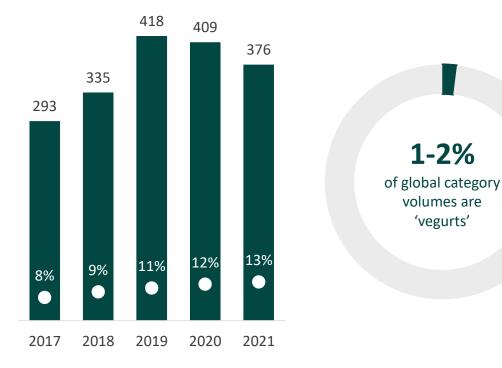


Consumer demand for plant-based remains high

but taste is the key barrier the industry needs to overcome to go mass market

LAUNCH ACTIVITY REMAINS HIGH BUT VOLUMES ARE SMALL...

Global 'vegurt' launches and share of total launches in yogurt category¹



... DUE TO PRODUCT QUALITY Share of active consumers²



struggle to give up dairy and meat as products do not live up to expectations

70%

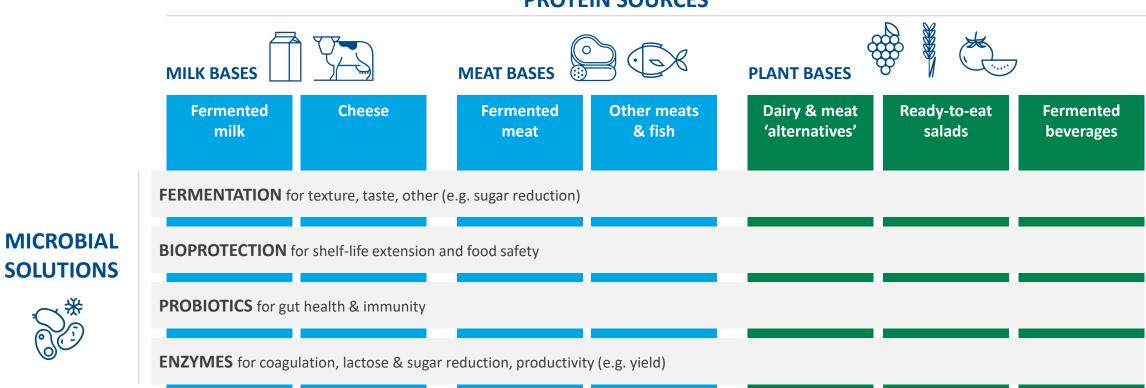
of consumers would be willing to eat more plant-based foods if they tasted better than they do today



¹ Mintel (Dec 2021). ² FMCG Guru (2021).

Food Cultures & Enzymes aims to be the fermentation partner of choice

transforming proteins into great food and beverages products – no matter which protein base



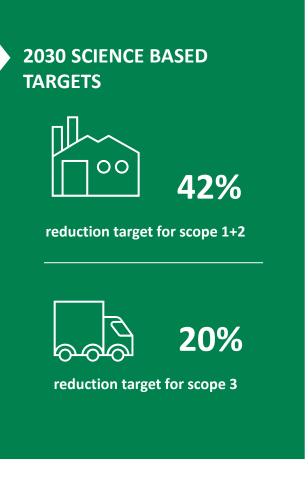
PROTEIN SOURCES

With our microbial expertise we cater to consumer demand for safe, tasty, healthy and sustainable foods and beverages



Sustainability as an additional enabler for margin expansion

Our decarbonization roadmap towards 2030



THINK CLIMATE. NATURALLY. INITIATIVES



OPERATIONS

- Convert all sites to 100% renewable electricity
- Work smarter with heat supply
- Sustainable refrigerants
- Recyclable packaging
- Optimize waste
 management



SOURCING

- Approach selected suppliers for low-carbon practices incl. conversion to renewable energy
- Optimize use of raw materials via process innovations



LOGISTICS

- Optimize transition from air to sea or road freight
- Explore low-carbon fuels in dialogue with freight forwarders



ENGAGEMENT

- Promote climate literacy amongst employees
- Crowdsource climate smart ideas



35

Executive compensation closely aligned with shareholder interests

- strong incentive component

SHORT TERM: ANNUAL INCENTIVE PROGRAM FOR CEO AND CFO

- Based on group financial and non-financial targets
 - 20% of annual bonus linked to ESG (KPIs related to customer service, quality, diversity, safety and sustainability)
- Bonus is paid as a minimum 1/3 in Restricted Stock Units and 2/3 in cash; normally accounts for 20-25% of total remuneration package

LONG TERM: PROGRESSIVE THREE-YEAR INCENTIVE PROGRAM

- Requires personal investment in Chr. Hansen shares to participate
- Grant value estimated at 25-30% of the remuneration package
- Vest in full after three years

Organic growth 40%	EBIT 30%	FCF 10%	Non-financial 20%	
In % of fixed pay ¹	Target		Max	
CEO	70%		100%	-
CFO	50%		71%	

ROIC relativeAccumulatedOrganic growthRetentionto peers 1.5xEBIT 1.5xCAGR 1.5x0.5x
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Target matching shares per investment of one share

In % of fixed pay ¹	Target	Max
CEO	80%	120%
CFO	60%	90%



¹ Base plus pension

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