

CHR. HANSEN HOLDING A/S

Capital Markets Day 12 April 2016



Time	:	Topic:	Speaker:
10.00	- 10.05 am	Welcome	
10.05	- 10.45 am	Progress so far	Cees de Jong
10.45	- 11.45 am	Food Cultures & Enzymes	Knud Vindfeldt & Christoffer Lorenzen
11.45	- 12.30 pm	Lunch	
12.30	- 1.00 pm	Natural Colors	Jørgen Erichsen & Mary Bentley
1.00	- 2.15 pm	Health & Nutrition	Christian Barker & Johan van Hylckama Vlieg
2.15	- 2.45 pm	Break	
2.45	- 3.15 pm	Financial ambitions	Søren W. Lonning
3.15	- 3.45 pm	Beyond 2020	Cees de Jong
4.00	- 5.00 pm	Tour of Copenhagen site	

Disclaimer

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

Forward-looking statements are other than statements of historical facts. The words "believe," "expect," "anticipate," "intend," "estimate," "outlook," "will," "may," "continue," "should" and similar expressions identify forward-looking statements.

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Progress so far

Cees de Jong CEO



Launched Natures No.1 strategy in 2013 Evolution, not revolution

	1 Fully leveraging the potential of CED	2 Developing the microbial solutions platform in HND	3 Creating further value in NCD
4 Driving a step change in innovation	New innovation for yield & functionality	 Expand existing business Develop plant protection Explore human biome 	 Improve cost-in-use New transformational technologies
5 Reinforcing position in emerging markets	 Undisputed leadership in emerging markets 	Pursue probiotic opportunities in emerging markets	Drive emerging market conversion
6 Generating fuel for growth	> Drive scalability	> Reinvest in future growth	➢ Drive scalability
	Continued conversionCommercial excellence	Commercial excellence	Continued conversionCommercial excellence



Launched Natures No.1 strategy in 2013 Financial ambitions

Organic revenue growth of 7-10% per year Improved EBIT margin before special items over the period Cost discipline >27% Efficiency ~27% Productivity 2017/18 Reinvestments 2012/13 Impact from changed level of capitalization of development costs 2012/13 2017/18 Increased free cash flow before acquisitions and divestments



Fully leveraging the potential of Cultures & Enzymes

Delivered growth

- Continued conversion to DVS in dairy
- New "go-direct" model in China
- Focused on operational excellence
- Protection of EUR topline in volatile currency situations

9% organic growth CAGR

Fueled innovation

- Streamlined innovation processes and execution
- Focused pipelines on highly relevant consumer challenges
- Launched a/o SaltLite™ & Acidifix™
- Technical issues with YoFlex[®]Sweet

Innovation index* cultures: 21% in 2014/15

Shown scalability

- Reaped benefits from new fermentation capacity in Copenhagen
- Optimized enzymes production footprint
- Solidified cost leadership in production

EBIT margin up 1.9%-points

Developed bioprotection

- Improved freshness and shelf-life in fermented milks and cheese
- Protection against listeria in meat
- Entering new (adjunct) markets

40% organic growth CAGR

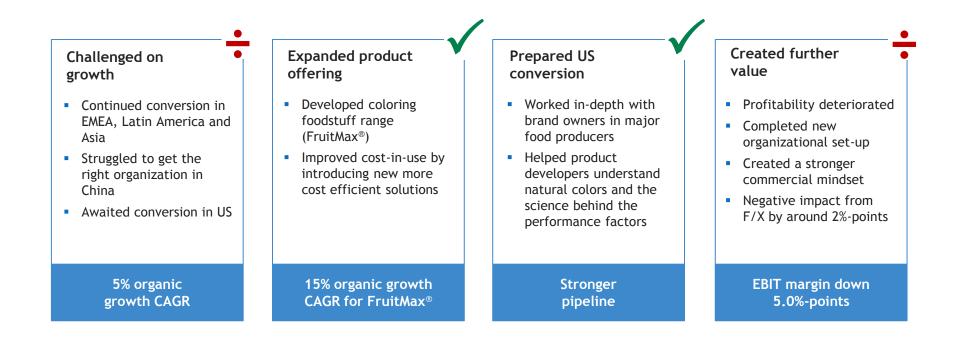


Developing the microbial solutions platform in Health & Nutrition

 Expanded human health Developed strong relationships with key players Developed new formats with unique stability Production standards upgraded 	 Expanded animal health Realized strong growth in US Acquired NPC Key customer in silage insourced production 	 Developed plant protection Introduced Nemix C in Brazil Built innovation pipeline Challenging market conditions 	 Explored human microbiome Established scientific and commercial partnerships Inaugurated pilot-scale pharma-grade facility 	 Reinvested for future growth R&D expenditures incl. investments in laboratories almost doubled from 2012/13-2014/15 F/X improved margins by around 2%-points
17% organic	9% organic	Strong	We have a	EBIT margin up
growth CAGR	growth CAGR	trial data	role to play	1.1%-point



Creating further value in Natural Colors





Achieved strong financial performance

	2012/13	Long-term financial ambitions*	Progress 2013-15	
Organic revenue growth		7-10%	9% CAGR	\checkmark
Food Cultures & Enzymes		7-8%	9% CAGR	\checkmark
Health & Nutrition		+10%	14% CAGR	\checkmark
Natural Colors		Around 10%	5% CAGR	÷
EBIT margin b.s.i.**	27.2% (26.4%***)	Increasing	27.1% in 2014/15	\checkmark
Food Cultures & Enzymes	30.4% (29.6%)	Increasing	31.5% in 2014/15	\checkmark
Health & Nutrition	34.6% (32.2%)	Around 30%	33.3% in 2014/15	\checkmark
Natural Colors	13.0% (13.3%)	Increasing	8.3% in 2014/15	÷
Free cash flow before acquisition, divestments and special items	EUR 120 million	Increasing	EUR 151 million in 2014/15	\checkmark

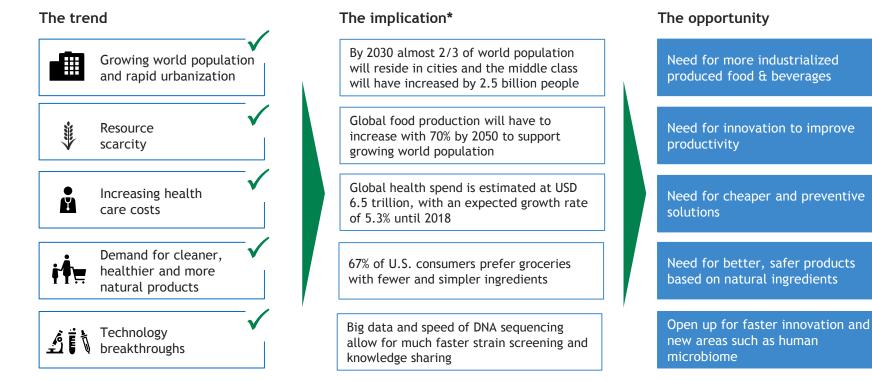
* Baseline 2012/13. NCD organic growth adjusted in 2014 from +10% to around 10%

** Before special items and impairments in 2012/13

*** Adjusted for changed level of capitalized development costs



Chr. Hansen supported by strong megatrends



*EIU, WHO, The World Bank, IDA, IBRD, Food & Agriculture Organization of the United Nations, ReD, OECD, PwC, E&Y

CHR HANSEN Improving food & health

Distinctive capabilities

	Innovation	Production process & capacity	Customer relations
Food cultures	\checkmark	\checkmark	\checkmark
Bioprotection	\checkmark	\checkmark	\checkmark
Dairy enzymes	\checkmark	\checkmark	\checkmark
Human health	\checkmark	\checkmark	\checkmark
Animal health	\checkmark	\checkmark	\checkmark
Human microbiome	\checkmark	\checkmark	\checkmark
Plant health	\checkmark	\checkmark	\checkmark
Natural Colors	✓	\checkmark	\checkmark





Building on a strong microbial platform

Strains & Screening

Strain access & collection In-house and external collaborations

Screening methods Understanding mode of action

Strain improvement Understanding genome and key metabolic pathways Process & Analysis

Production of live and active biomass Aerobic, anaerobic and strict anaerobic fermentation procedures

Harvest of biomass Centrifugation and filtration

Preservation of biomass Frozen and freeze dried

Formulation of biomass Stabilization Documentation & Accept

Prove performance Insights into customers products and production processes

Document effect & efficacy In vivo trials. Clinical studies and documentation

Regulatory approval Documentation

Microbial solutions

Preparing the organization for future growth



- Main changes to organization

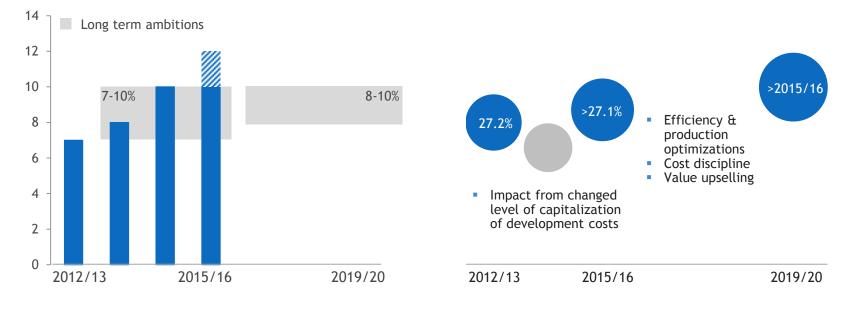
- Created Microbial Backbone covering R&D, Operations, Logistics and IT to support Food Cultures & Enzymes and Health & Nutrition
- Consolidating sales responsibility but reporting on four regions (EMEA, NAM, LATAM & APAC)
- No changes to Natural Colors, HR, Compliance and Finance



Deliver profitable growth to 2020 and beyond

Organic revenue growth of 8-10% per year

Increasing EBIT margin before special items over the period







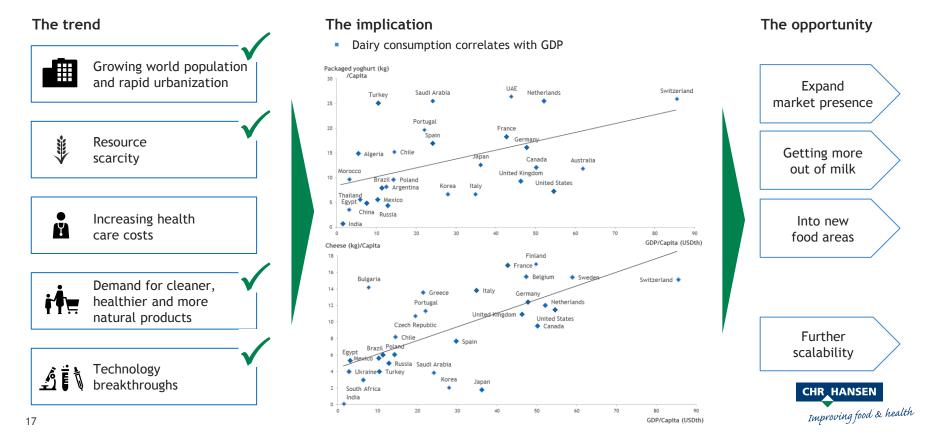
Food Cultures & Enzymes

Knud Vindfeldt

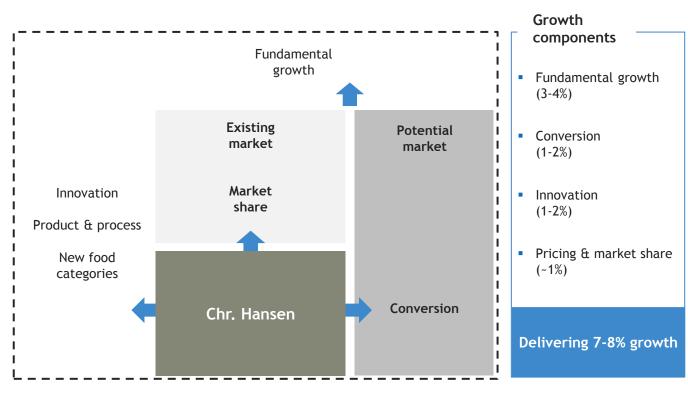
Christoffer Lorenzen COO Microbial Backbone EVP Food Cultures & Enzymes



Megatrends reaffirm dairy as a food category with stable growth



Supporting the long-term growth opportunities in Food Cultures and Enzymes





Protecting entry barriers

Critical food market dynamics...

- High customer fragmentation
- Local consumer demands and consumption preferences
- Individual customer production set-up
- Strong focus on unit production costs
- Cultures are a small part of total customer production costs (1-2%), yet strategically important

...provide substantial entry barriers...

- High customer acquisition costs relative to sales
- Need for wide range of cultures to cover market demands
- Service intensive and technical sales process
- Competitors need high volumes on strain level to generate economies of scale
- Customer incentive to switch is low

...creating favorable competitive environment



Conglomerates











Building on deep customer understanding

New opportunities	Managing customer projects	Service and next sale	New Culture pH specification Performance Error rate 2.9% Low High Mean 5.52
Systematic building of key relationships Intriguing the customer Log and prioritize opportunities Structure project launch plan for targeted customers	 Phase 1: Define objective Align objectives and understand decision process. Know your unique selling points and pricing Phase 2: Initiate trials Right trials with right people using right tools e.g. Six-sigma Phase 3: Deliver tech. proof Deliver technical proof. Gather fact base and optimize final negotiation Phase 4: Show the value Utilize technical and commercial competences to show value creation 	Deliver to promise High technical service e.g. phage monitoring Manage complaints Prepare for next generation/alternative solution	St. Dev. 0.07 N Samples 1,088 5.04 5.16 5.28 5.4 5.52 5.64 5.76 Old Culture Performance Error rate 12.9% Mean 5.48 St. Dev. 0.09 N Samples 699 N Samples 699



Expanding market presence in emerging markets





Getting more out of milk

The nutritional potential from milk is significant and includes among others:

Bone health	Calcium-binding (CPP) Lactoferricin
Digestive health	Antimicrobial satiety inducing immunomodulatory, Glycomacropeptide, Opioid
Immune defense	Immunomodulatory, Glycomacropeptide, Cytomodulatory
Dental health	Antimicrobial, calcium- binding (CCP)
Heart health	ACE-inhibitory, antithrombotic, anticholesterolemic,

antioxidative

- Cultures & enzymes help:

Add in	Taste Texture Appearance Shelf life Health benefits Authenticity
Take out	Sugar Fat Lactose Texturizers & Stabilizers Preservatives
Offer	New eating occasions

New consumer groups

post-pasteurized yogurt

This yogurt contains 35% more protein than other yogurts in the market, providing a product format that is tasty and nutritious and convenient to consume anytime, anywhere

Addressing consumer and food producers' needs for safer, cleaner products with long shelf life across categories

66% of consumers worldwide check labels for food and beverage products before purchasing; 62% of these say they check for artificial preservatives¹

55% of consumers will temporarily switch brand following a recall. 21% would avoid purchasing any brand made by the same manufacturer²

Retailers estimate 2-3% losses related to expiration of products on shelf related to dairy products⁴

Food losses in Dairy amount to 20%. In Europe alone 29 million tons of dairy products are lost/wasted every year³

- 1) <u>http://www.cnsmedia.com/GNTInfographicsIngredientsunderScrutiny.jpg</u>
- 2) Consumer Concern Over Product Recalls High." PR Newswire. Harris Interactive, 12 June 2007. Web. 02 Aug. 2013
- 3) Global Food Losses and Food Waste (2011); Food and Agriculture Organization of the United Nations
- 4) Chr. Hansen retailer interviews



Ensure food safety (e.g. limit listeria)



Replace undesirable chemical additives (e.g. sorbate)



Prevent spoilage & enhance freshness



Bioprotection helps to protect against spoilage and unwanted additives, using Nature's own processes

Bioprotection at a glance

- The need to store and preserve milk was the reason to invent fermentation of milk into yogurt and cheese. FreshQ[®] is an extension of this ancient technique
- Natural microorganisms inhibiting contaminants like yeast and mold through fermentation
- Can be an additional hurdle to help manage end product quality by exerting a fungistatic effect
- Enhances the effectiveness of customers sanitation program
- Adds another barrier against contamination, that helps manage end-product quality



With and without FreshQ®

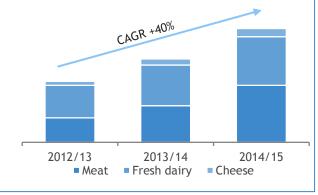




Significant opportunities identified based on existing products and new innovation

Bioprotective solutions have seen strong growth in recent years...

- FreshQ[®] an all-natural way to reduce risk of spoilage caused by yeast and mold in dairy
- SafePro[®] minimizes the risk of listeria is and reduces the risk of spore formations from spoilage bacteria in meat



...But further opportunities are available

 Strengthening current base in fresh dairy, cheese, & processed meats





• Expanding into new areas incl. ready-to-eat and fresh meat & fish



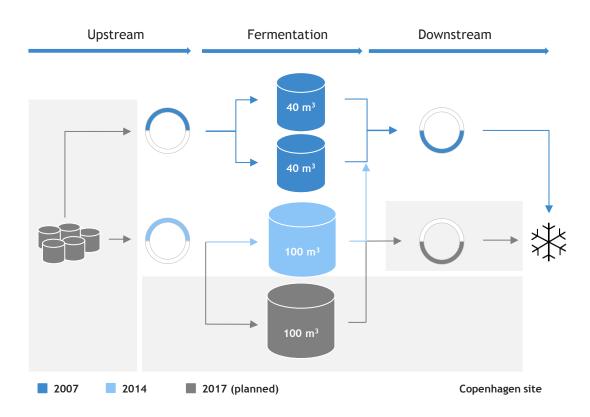


 Innovating solutions e.g. for gram-negative pathogens





Driving further scalability through modular expansions





Financial ambitions

	2012/13	Old long-term ambitions*	Progress 2013-15		New 2019/20 ambitions
Organic revenue growth		7-8%	9% CAGR	\checkmark	7-8%
EBIT margin b.s.i.**	30.4% (29.6% on LFL)	Increasing	31.5% in 2014/15	\checkmark	Increasing

Main assumptions: -

The long term financial ambitions reflect currency rates at around same levels as in 1H 2015/16 i.e. no major impact from EUR-based pricing

Combined end-market volume growth for fermented milk and cheese is expected to be 3-4%

*Baseline 2012/13.

** Before special items and impairments in 2012/13. Number in () reflects changed level of capitalized development costs



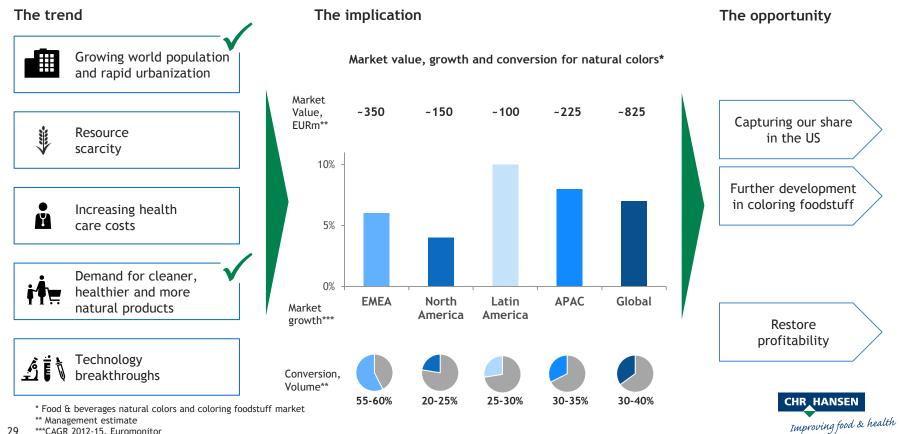


Natural Colors

Jørgen M. Erichsen EVP Natural Colors Mary Bentley SVP US Color Sales



Megatrends push conversion to natural colors

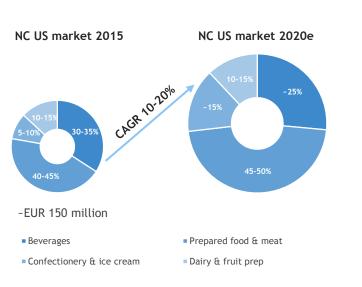


29 ***CAGR 2012-15, Euromonitor

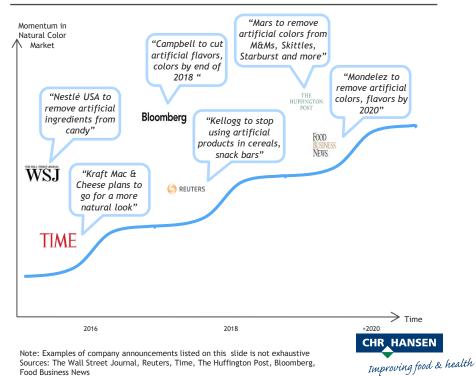
The US conversion has started

The market for natural colors in the US accounts for 20% of global demand and is expected to grow with a CAGR of 10-20% until 2020...

Commitment to natural colors from major brand owners constitute over 50% of the total US food and beverage market



...as food manufacturers continue to prepare for a move away from artificial colors



US conversion case studies

Launching the world's largest Taking first-mover position sharing "our journey" blind tasting test Proactive public Started by Keeping consumers Converted to After 50 million Launched national commitment to converting kids updated on natural colors in boxes sold Kraft #didntnotice "axe" artificial favorites "Trix" conversion December 2015 introduced new campaign across but only updated packaging in all platforms colors communicating progress on "our through Social mutual journey" the ingredient list March 2016 Media changed. But it hasn't. News Releases GENERAL MILLS CEREALS General Mills cereals removing artificial flavors and colors from artificial sources 000 KiX Cheenos Cheenos 200 Cheerios TAINS WAIFAT MILE 72. KRAFT FOODS GROUP, INC. NORTHFIELD, IL 60093-2753 USA WE'RE WORKING HARD TO GET TO

Example of General Mills cereals**



Example of Kraft Mac & Cheese*

Capturing our share in US

Go to market strategy

 Roadmap of where to play triangulated from industry segmentation, supply chain foot print and study of unbranded market



Commercial excellence

- Establish CH as a partner for conversion through insight leadership and application expertise
- Expanding market reach into private label and food service



Product portfolio

 Innovation pipeline to enhance current portfolio performance to enable success in all pigments and core industries

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Production footprint

- Current set-up in North America has sufficient capacity for the short-tomid-term depending on the speed of conversion
- Footprint review initiated with planned capacity expansion in 3-5 years

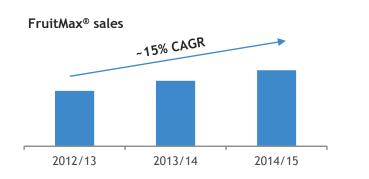




Further development in coloring foodstuff

Our FruitMax[®] range of coloring foodstuff is one of the fastest growing categories...

Expanding market presence by continuing innovation and market penetration



...yet it remains less than 10% of NCD, and Chr. Hansen is not market leader

Coloring foodstuff: Naturally sourced concentrates from plants, fruits or vegetables. Enables labeling without E numbers



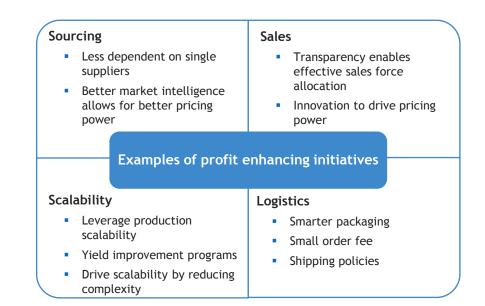
 Consider acquisitions to get access to complementary technologies and raw materials



Restoring profitability

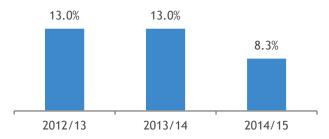
We are behind our target for increasing EBIT margins...

....but increased transparency opens up for a number of initiatives addressing both cost and sales performance



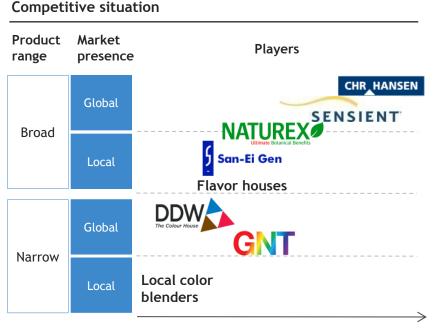
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- USD exchange rate (USD appreciated 18% vs. EUR since NN1 strategy launched)
- Strengthening of the commercial organization
- Additional cost related to segregation from Food Cultures & Enzymes

Staying ahead in competitive landscape



Market share

Regulation

EMEA

- Regulation in place for certain artificial colors
- EU issued new guidance on coloring foodstuff to regulate selective extraction
- Gulf Countries pushing new regulation for artificial colors

Americas

- No regulation in US; consumer pressure driving growth
- Review of artificial colors in Latin American countries

APAC

- Indonesia and Vietnam banned artificial colors in some categories
- Artificial colors under review in several countries



Financial ambitions

	2012/13	Old long-term ambitions*	Progress 2013-15		New 2019/20 ambitions
Organic revenue growth		Around 10%	5% CAGR	÷	Around 10%
EBIT margin**	13.0% (13.3% on LFL)	Increasing	8.3% in 2014/15	÷	Increasing

Main assumptions:

The long term financial ambitions reflects currency rates and raw material prices to be at around same levels as in 1H 2015/16

*Baseline 2012/13. Organic growth adjusted in 2014 from +10% to around 10% ** Before impairments in 2012/13. Number in () reflects changed level of capitalized development costs



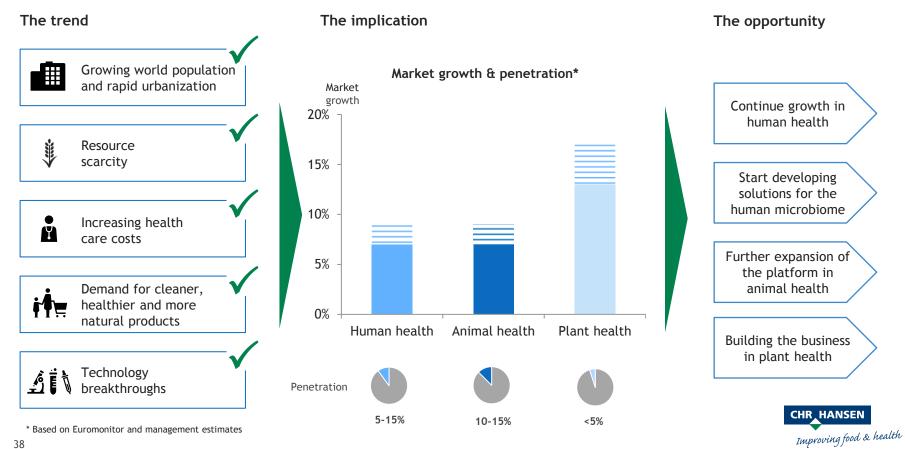


Health & Nutrition

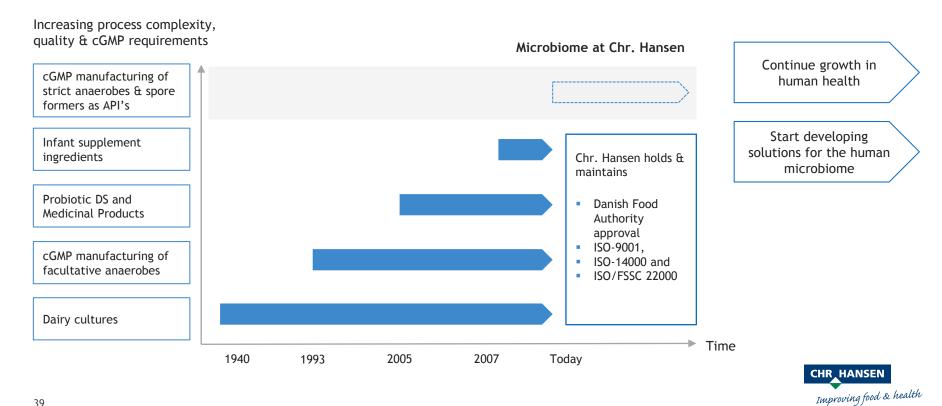
Christian Barker Johan van Hylckama Vlieg EVP Health & Nutrition VP Human Microbiome Innovation



Megatrends drives penetration of microbial solutions



Moving further into human health and microbiome is an evolutionary journey



In human health we continue growth through best value proposition

The best value proposition...



- Only strains with documented health benefits on e.g. GI and Immune
- Further benefits via other ingredients
- Dosage forms that ensure efficacy and appeal to consumers

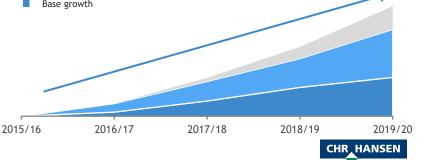
...Offers opportunities to "Win with the winners"...

- Supporting 8 of the top global consumer health players
- Co-development of solutions create long-term relationships
- Developing solutions that allow customers to differentiate in the high-end market based on our unique selling points

...and secure future organic growth

Indicative

- Innovation pipeline
- Development projects incl. geo expansion
- Base growth



Improving food & health



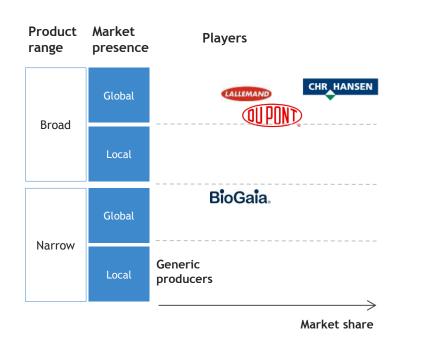
- 2 years at 25°c for finished products
- 3 years at 30°c for selected products
- Stability data from blends to packed products



- Comprehensive capabilities for customization
- Unique technology platforms
- Stand-out product concepts

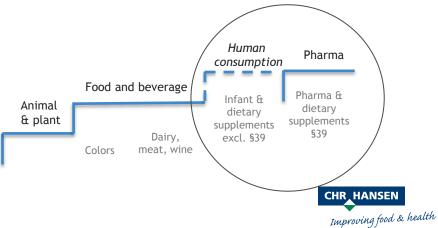
Keeping ahead of competition in a complex and increasingly regulatory environment

Competitive situation

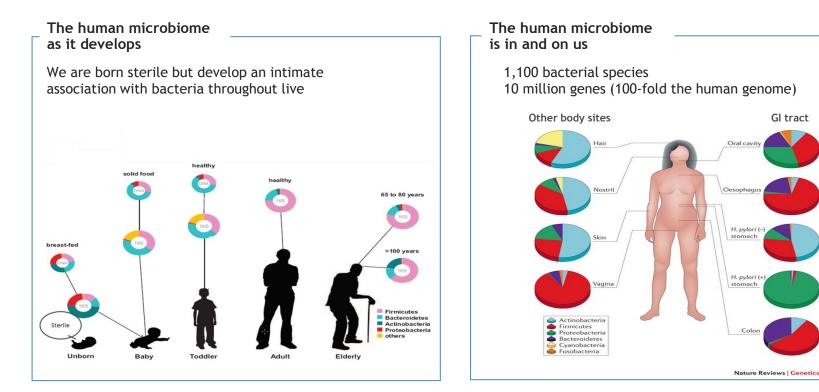


Regulation

- Relevant legislations are becoming more restrictive in both dietary supplements and infant formula space with food safety driving higher compliance standards
- No harmonized dietary supplements regulation
- Still no EFSA approved claim for probiotics (less of an issue for Dietary Supplements than for Food)



The human superorganism - of microbes and men

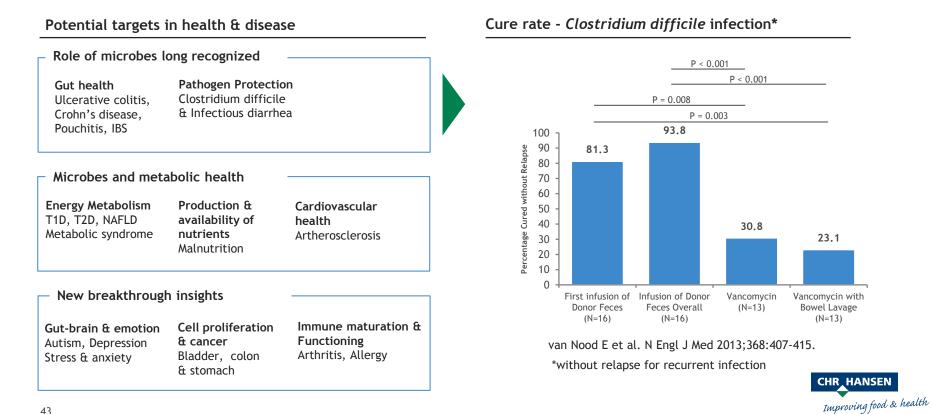


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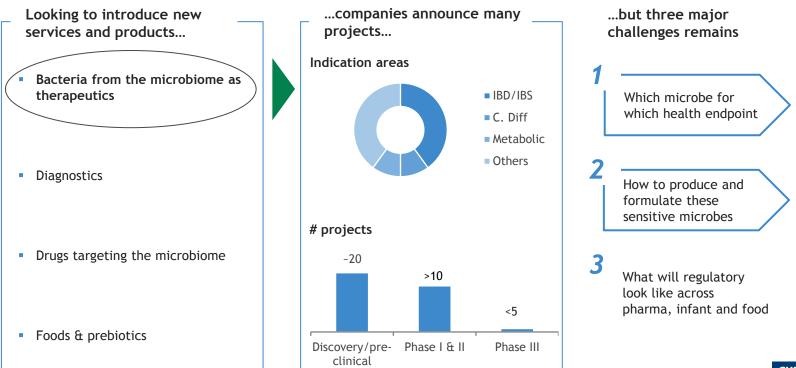
Your personal microbiome

160 species - 0.5 million genes of which you share half with any given person

Science's understanding of the human microbiome's impact on health and diseases has progressed rapidly



The scientific progress has fueled major private investments



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Chr. Hansen has made significant progress on addressing two of the challenges

Which microbe for which health endpoint

Discovery for food and dietary supplements within existing business area most notably G.I.

Development of large well-documented strain libraries of gut commensals through consortium with leading universities



Supportive actions

- Dedicated team
- Strong scientific advisory board with leading experts
- Establishing a pilot-scale pharma grade laboratory with production capacity for anaerobic bacteria

How to produce and formulate these sensitive microbes

Product development partner for biotech and pharma

Development of a product formulation for E hallii for a clinical development program on pre-diabetes





Developing new strains to support long-term growth

Methodology

Classical approach

- Effect evaluated by subjective outcome measures e.g. gastro intestinal comfort questionnaires
- Clinical trial populations with fluctuating gastro intestinal symptoms

New approach (example)

- Effect evaluated by quantifiable responses in gastro intestinal and inflammation specific biomarkers
- Physical challenge model induces variable biomarker response depending on the effectiveness of the probiotic

Effectiveness of new probiotic strain evaluated in exploratory clinical trial by quantitative measures





Chr. Hansen offers unique production and formulation capabilities for partners

Anaerobe capabilit	ies —			
[Anaerobe physiology	Fermentation development	Formulation development	Upscaling
Chr. Hansen	\checkmark	\checkmark	\checkmark	\checkmark
CMO's	✓	\checkmark	÷	\checkmark
Probiotic players	\checkmark	\checkmark	\checkmark	✓

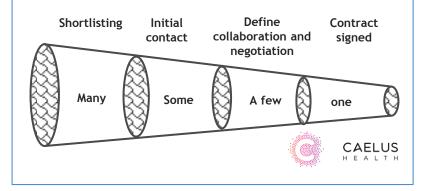


Developing the human microbiome business model

Identifying potential partners...

We have identified a large number of opportunities for partnering centered around 2 main areas:

- Gastrointestinal disease
- Metabolic disorders

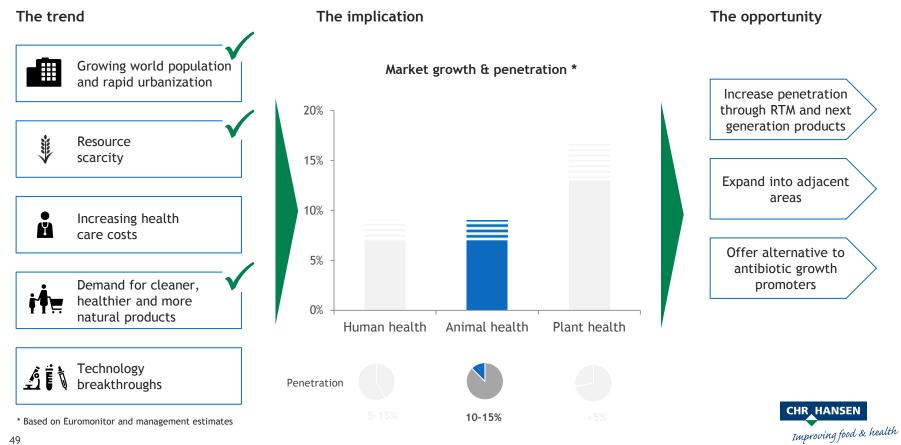


...But significant uncertainty prevails

- Which strains/combinations will deliver most promising results?
- Which strains/combinations can be produced?
- Who will succeed?
- How will the regulatory environment develop?



Long-term growth opportunity in animal health



Drive growth across categories

Strong value proposition...



- Efficiency of milk production and better rumen health (dairy cows)
- Increased feed conversion (beef)



- Significant reduction in dry matter loss
- Improved aerobic stability and fermentation



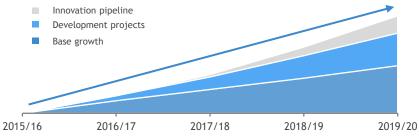
- Reduction in piglet mortality
- Increased calorie efficiency (reduced cost with same result)
- Increased feed digestibility and production boost
- Defense against pathogens
- But increasing competition

...Offers opportunities to deliver customer value...

- Boosting efficiency and profitability for farmers and producers
- Meeting all regulatory requirements for safety, stability, and efficacy
- Address concern around use of antibiotic growth promoters

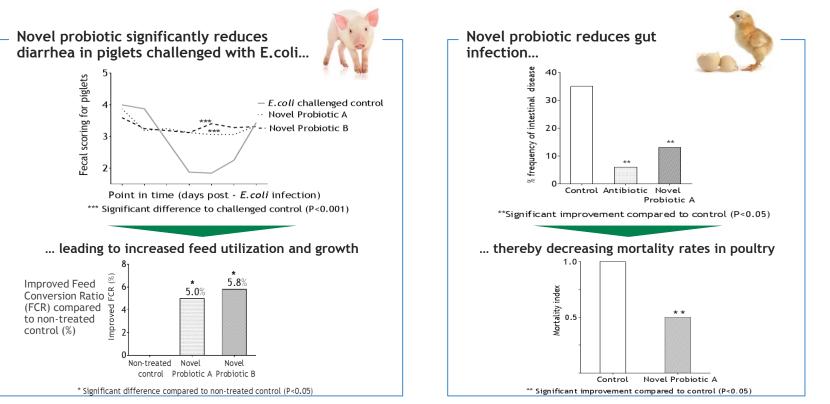
...and secure future organic growth

Indicative





Established an innovation pipeline to support growth





Staying ahead of increasing competition in a market supported by regulation and customer awareness



Regulation

- Increasing legislations against the use of antibiotic growth promoters (AGP)
- AGP banned in EU in 2006 and in California in 2015
- In 2014 FDA announced legislation to curb usage in US

...and consumers drive a move away from AGP





Creating a broader platform in animal health

Acquisition Nutrition Physiology Co. (NPC) has a strong fit with Nature's No.1

- Expanding existing business in animal health through complementary microbial solutions for beef cattle
- Aligned with capital allocation principles bolt-on acquisition to support market presence and technology

Attractive synergies

- Sales, supply chain, and innovation
- Synergies expected to be achieved within two years

Fast returns

Acquisition is expected to be EPS accretive by 2016/17

NPC is a provider of microbial solutions to the US livestock industry

- Revenue USD 40 million and EBITDA USD 10 million*
- Strong customer relationships backed by strong scientific trial data with IP protection
- Asset light operations with outsourced production (Chr. Hansen a supplier)
- 50 employees across US, mainly within sales, and R&D

Key products

Bovamine[®], Bovamine[®] Defend[™], Bovamine[®] Dairy





Integrate and obtain synergies



Synergies to be realized mainly through

- Utilization of commercial opportunities from complementary businesses
- Optimization of supply chain
- Strengthened innovation efforts
- Full tax deductibility on acquired intangible assets

Approx. EUR 6 million related to the transaction and integration (recognized as special items)

The acquisition is expected to be margin accretive to the Health & Nutrition and EPS accretive by 2016/17

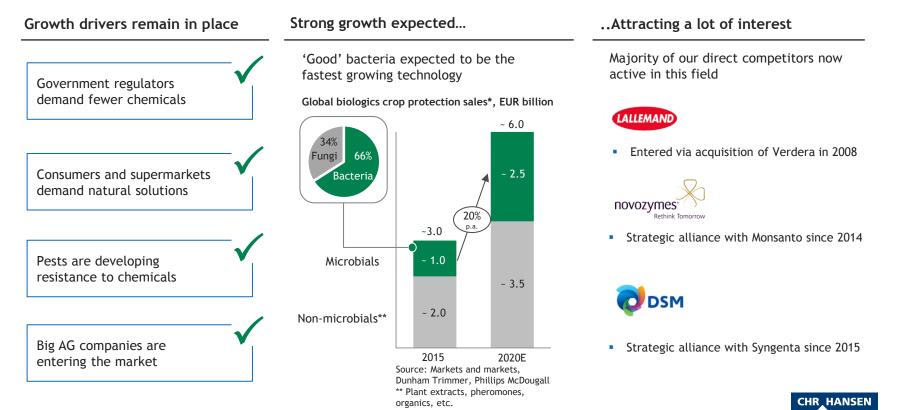
Integration process and synergy achievement

- Integration of organization well advanced
- Insourcing of 75-80% of total volume planned and expected to be fully insourced within 1 year at attractive margins
- 20-25% of total volume to remain outsourced for the time being
- Sales synergies primarily in next financial year
- Innovation opportunities identified
- Future of distributor business being reviewed
- Business progress slightly below expectation primarily due to low cattle-on-feed numbers as commodity prices remain depressed





Good bacteria for plant health is a major opportunity



Improving food & health

Chr. Hansen brings distinct capabilities and is uniquely positioned to tap into this opportunity

We bring unique and distinctive capabilities pursuing two paths



Bacterial production at scale

- Worlds largest producer of live bacteria
- Produce over 400 different bacterial strains

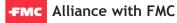
Bacteria stabilization

- Agrochemicals need long shelf life at poorly controlled temperatures
- Chr. Hansen is world leading in stabilization



Strain improvement

>50 years of expertise in non-GMO strain improvement in close collaboration with customers understanding their application



- Exclusive R&D partner since 2013
- Chr. Hansen provides unique development capabilities
- FMC leads scouting, field trials, registration & commercialization
- Investments and profits are shared

Relationships with agrochemical companies

- Custom process development
- Scale-up
- Manufacturing



Alliance with FMC progressing well

Alliance with FMC in good position to succeed

FMC corp.

- 2015 Agrochemical revenue USD 2.3 billion
- Number 7 globally in agrochemicals (excluding Cheminova)
- Leading positions in some regions and niche industries

R&D Alliance

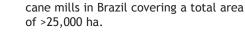
- Initiated in 2013
- Complementary strengths throughout the value chain

Needed competences for succeeding in plant health in place



Alliance activities progressing well







Field trials performed on 16 crops in 5 geographies in 2015

Nemix C in testing at all top-10 sugar



 Expecting 1-2 product registration submissions to the US Environmental Protection Agency in 2016



 First product developed by the alliance - Capture VGR - launched in certain states in the US based on strong trial data



-FMC



Strong value proposition from alliance launch

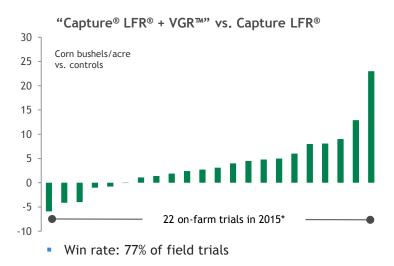


First alliance product introduced addressing corn yield...

- VGR[™] is a Bacillus lichieniformis based soil amendment that establishes in the root zone and increases the vigor and resistance of the corn plant
- Product sold in certain states in the US as a combination product with FMC's Capture[®] LFR[®]
- Capture® LFR® + VGR[™] had a win rate of 79% in 28 field trials conducted in 2014 and 2015 against untreated corn increasing yield by an average of 9.1 bushel/acre



...with strong value add combined with existing chemical product



Increasing yield over Capture[®] LFR[®] by an average of 3.7 bushel/acre



* Liquid starter fertilizer used in all treatments

Capture® LFR® is a restricted use pesticide. VGR not registered in all states. Visit www.fmccrop.com for current list of registered states

Financial ambitions

	2012/13	Old long-term ambitions	Progress 2013-15		New 2019/20 ambitions
Organic revenue growth		+10%	14% CAGR	\checkmark	>10%
EBIT margin b.s.i.*	34.6% (32.2% on LFL)	Around 30%	33.3% in 2014/15	\checkmark	Around 30%

Main assumptions: -

The long-term financial ambitions reflect currency rates at around same levels as in 1H 2015/16

Meaningful growth from plant health by 2019/20

* Before special items and impairments in 2012/13. Number in () reflects changed level of capitalized development costs



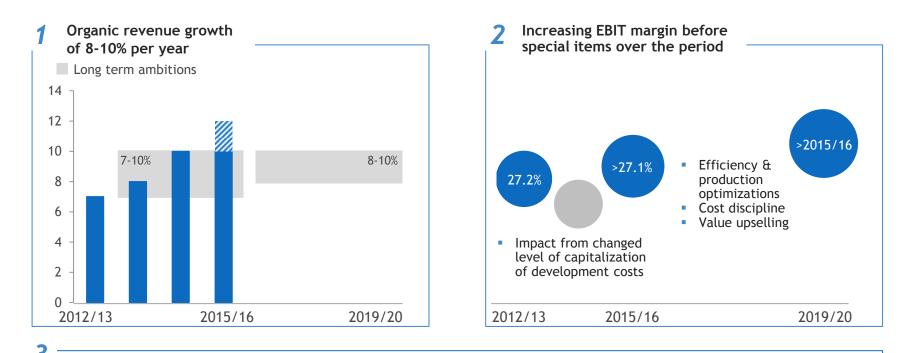


Financial ambitions

Søren W. Lonning CFO



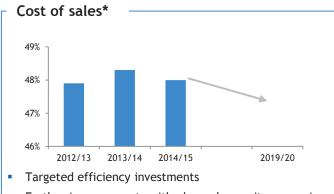
Securing profitable growth to 2020



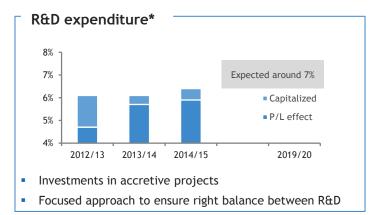
Increasing free cash flow before acquisitions, divestments and special items over the period

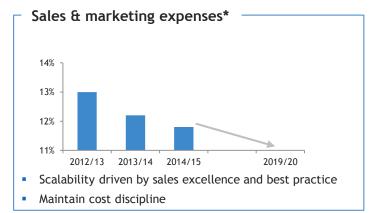


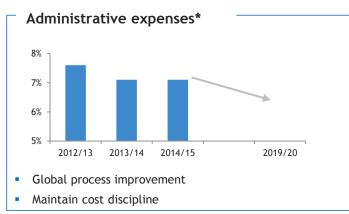
Ensuring scalability throughout the business



Further improvements with planned capacity expansions





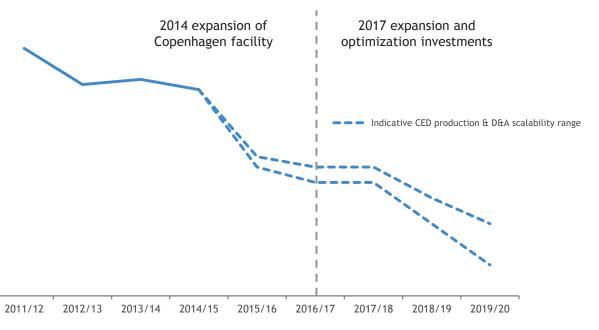






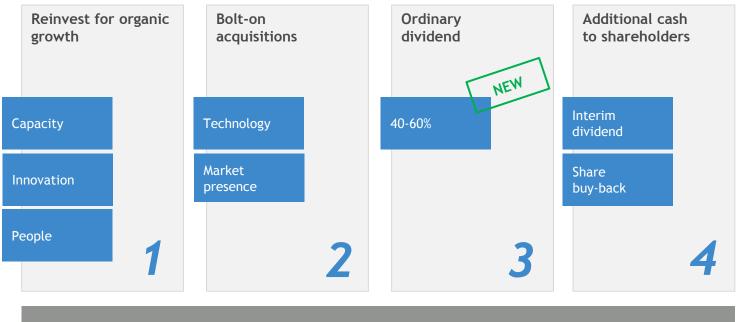
Production scalability in microbials

Continue to reap benefits of consolidated production...



...while investing based on known capabilities

Maintaining our capital allocation priorities

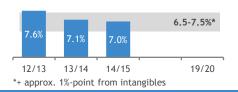


Leverage consistent with a solid investment-grade credit profile



Reinvest for organic growth

- Tangible investments
- Capacity and efficiency
- Insourcing
- Optimization
- Maintenance

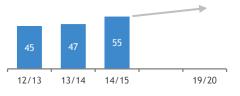


Cash flow from tangibles

Indicative range of 6.5-7.5% accepting peak investment level in 2016/17

Innovation

- Selectively strengthen backbone and competencies
- Ensure a strong product pipeline
- Continue investments in Plant Health, Human Microbiome & BioP R&D expenditures



Increasing investments with R&D percentage expected to be around 7%

People

- Attracting and retaining talent is key to execution of strategy
- Employee satisfaction above benchmarks
- Health and safety a key focus Incidents per 1 million working hours



Continue investing in people to keep motivation high and attract talent



Pursue bolt-on acquisitions

- Technology
- Strains
- Formulation
- Stabilization
- Encapsulation
- Coloring Foodstuff



Most opportunities in Health & Nutrition and Natural Colors

Market presence

- Geographical expansion
- Customer access
- Application formats
- Adjacent products targeting existing customer base



Most opportunities in Health & Nutrition and Natural Colors

Previous acquisitions

- 2008: Medipharm (H&N)
- 2009: Urex Biotech (H&N)
- 2013: Peyma (Subsidiary Turkey)
- 2015: DIAL (FC&E)
- 2016: NPC (H&N)
- Divestments of non-core activities in 2005-2011

Selective and careful approach

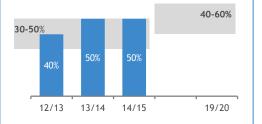


Deliver shareholder return

Ordinary dividend

- Increasing dividends in period
- Paid out 50% of net profit last 2 years

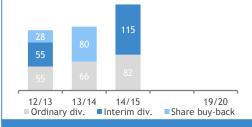
Dividend payout ratio



New target of 40-60% of net profit

Additional cash to shareholders

- No preference between interim dividends and share buy-backs
- No additional cash expected in 2015/16 due to acquisition of NPC
 Total cash returned (EUR million)



Remain committed to distribute excess cash



130% share price increase since launch of NN1



Financial ambitions

	2012/13	Old long-term financial ambitions*	Progress 2013-2015		New 2019/20 ambitions
Organic revenue growth		7-10%	9% CAGR	\checkmark	8-10%
Food Cultures & Enzymes		7-8%	9% CAGR	✓	7-8 %
Health & Nutrition		+10%	14% CAGR	\checkmark	+10%
Natural Colors		Around 10%	5% CAGR	÷	Around 10%
EBIT margin b.s.i.**	27.2% (26.4%***)	Increasing	27.1% in 2014/15	\checkmark	Increasing
Food Cultures & Enzymes	30.4% (29.6%)	Increasing	31.5% in 2014/15	✓	Increasing
Health & Nutrition	34.6% (32.2%)	Around 30%	33.3% in 2014/15	\checkmark	Around 30%
Natural Colors	13.0% (13.3%)	Increasing	8.3% in 2014/15	÷	Increasing
Free cash flow before acquisition, divestments and special items	EUR 120 million	Increasing	EUR 151 million in 2014/15	\checkmark	Increasing****

* Baseline 2012/13. NCD organic growth adjusted in 2014 from +10% to around 10% ** Before special items and impairments in 2012/13 *** Adjusted for changed level of capitalized development costs

**** Over the period



Key risks to the 2019/20 financial ambition

- Technology	Customers & consumers	Partners	Markets	Products
 Increased technical complexity of new solutions Ability to bring innovation to new and existing markets Patent landscape 	 Customer dependency Customer/Consumer demand for probiotic solutions Speed of US conversion in natural colors 	 Partner dependency especially in new areas such as plant protection and human microbiome 	 Change in the competitive landscape Increase and change in regulation Fluctuations in currencies and raw material prices Access to markets 	 Increased dependency on Copenhagen site for Cultures Food safety standards
Getting the best resources	Customer intimacy	Diligent evaluation of fit	Maintain close surveillance	Continue to improve process standards





Beyond 2020 Cees de Jong

CEO



We recently completed a study examining long-term, structural trends in food and health

Standpoint	Description
Chr Hansen	Internal opportunities, key capabilities, and ambitions
Industry & retail	Perspectives from food producers, retailers, and regulators
Consumer	Ethnographic research on consumers
Technology	Experts and exciting technologies in the world of food and health
Marginal practice	Cutting edge ideas that challenge existing business model

CHR, HANSEN

Improving food & health

The study showed we are moving to a new world in food and health





We also found that dairy is a food category that is expected to remain stable

Findings		Comments
Consumer	Dairy has a firm position in people's lives being seen as an essential and healthy category	 Dairy occupies a background but important space in people's diets People see most dairy products as naturally good for you
Industry	Development in dairy is expected to be stable with incremental improvements	 Dairy will remain stable, with growth driven by new markets Focus in dairy will continue to be on incremental innovation



Launched Natures No.1 strategy - 2016 update Evolution, not revolution

	1 Fully leveraging the potential of Food Cultures & Enzymes	2 Developing the microbial solutions platform in Health & Nutrition	3 Creating further value in Natural Colors
4 Driving a step change in innovation	 Bioprotection as a new lighthouse New platforms for dairy 	 Expand existing business Develop plant protection Explore & develop human microbiome 	> Expand FruitMax® range
5 Reinforcing position in emerging markets	 Establish direct market presence in key emerging markets 	Increase penetration of human and animal health products	Drive US conversion and secure APAC growth
6 Generating fuel for growth	 Drive scalability through new capacity in Copenhagen 	> Reinvest in future growth	Restore profitability
	Continued conversionCommercial excellence	> Commercial excellence	Continued conversionCommercial excellence



Strategic direction What we will still NOT do



Pursue acquisitions in unrelated areas



Expand into products outside microbials/natural colors



Attempt to become a full fledged pharma player



Lose focus on cost control & operational efficiency

