# Chr. Hansen Holding A/S

Q4 2012/13

23 October 2013



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# Highlights 2012/13

- Solid growth of 9% excl. carmine price effect and EBIT margin before impairment on par with last year
  - > CED: Solid growth and scalability
  - HND: Strong growth while reinvesting in the future
  - CED/HND: Clinical studies on GI concluded
  - NCD: Improved performance during the year
- Acquisition of remaining 50% in Turkish subsidiary
- > EUR 110 million in dividend announced

| Key ratios  | FY<br>2012/13 | FY<br>2011/12 |
|---|---------------|---------------|
| Organic growth<br>excl. carmine price               | 9%            | 11%           |
| EBIT margin<br>before impairment                    | 27.2%         | 27.2%         |
|   |               |               |
|   |               |               |
| Key ratios  | Q4<br>2012/13 | Q4<br>2011/12 |
| Key ratios<br>Organic growth<br>excl. carmine price |               |               |



### Natures No.1 Evolution, not revolution



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

### Natures No.1 What we will 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



# Stronger alliance with FMC Corporation creating opportunities in biologic plant protection



Chr. Hansen

### Chr. Hansen competences

- × Strain library
- $\times$  Scouting & screening
- $\times$  Up-scaling
- $\times$  Large scale manufacturing

### **FMC competences**

- × Scouting & screening
- $\times$  Formulation
- $\times$  Product development & registration
- $\times$  Global market access

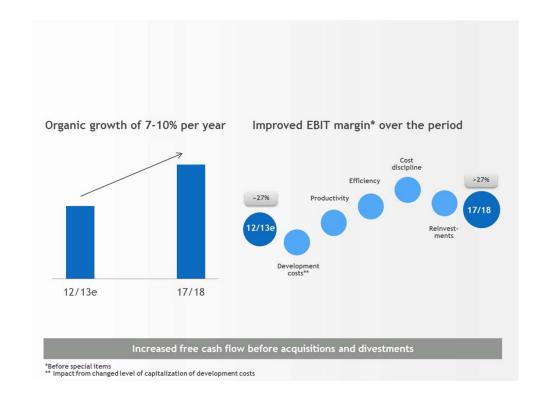


### 2013/14 priorities and long-term financial ambitions

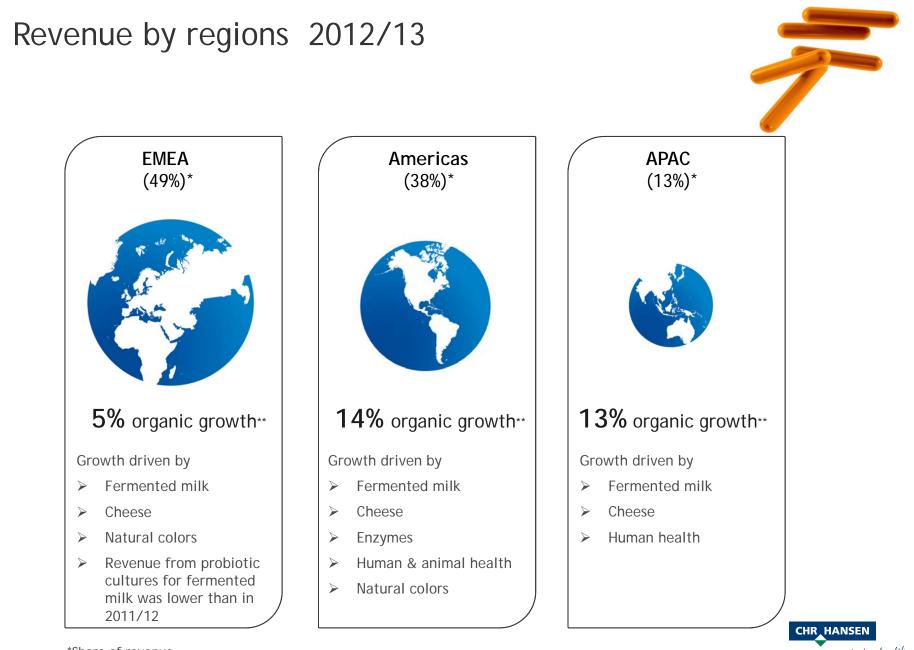
### 2013/14 priorities

- Accelerate innovation efforts and emerging market presence in CED
- Increase focus on HND long term growth opportunities within plant protection and human health
- Keep momentum in NCD despite headwind from lost customer
- Evaluate how to further optimize processes and production footprint in order to generate the fuel for growth and ensure a successful implementation of the strategy

### Long-term financial ambitions (5 years)







\*Share of revenue

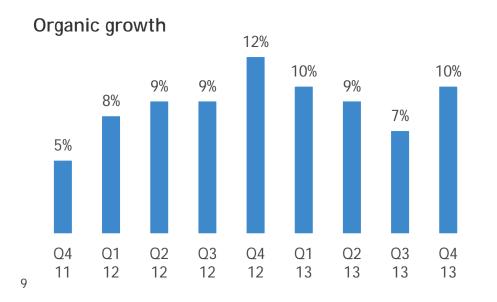
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\*\*Excluding carmine price effect

Improving food & health

### Cultures & Enzymes Division

| EUR million                      | Q4<br>12/13 | Q4<br>11/12 | FY<br>12/13 | FY<br>11/12 |
|----------------------------------|-------------|-------------|-------------|-------------|
| Revenue                          | 118.2       | 113.0       | 450.9       | 419.8       |
| Organic growth                   | 10%         | 12%         | 9%          | 10%         |
| EBIT                             | 40.5        | 33.5        | 132.9       | 119.8       |
| EBIT margin                      | 34.3%       | 29.6%       | 29.5%       | 28.5%       |
| EBIT margin before<br>impairment | 34.3%       | 31.5%       | 30.4%       | 29.0%       |
| ROIC excluding goodwill          |             |             | 34.5%       | 31.8%       |



### Organic growth

#### 2012/13:

- Strong performance from fermented milk, cheese, meat and enzymes
- Revenue from probiotic cultures unchanged

### Q4:

- Strong performance by fermented milk, meat, cheese and enzymes
- Probiotic cultures delivered modest growth

### EBIT margin before impairment

#### 2012/13:

EBIT margin before impairment up 1.4%-point primarily driven by scalability

### Q4:

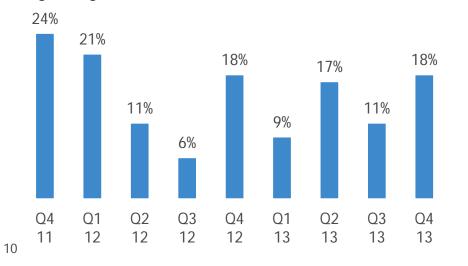
EBIT margin before impairment up 2.8%-point primarily driven by scalability



## Health & Nutrition Division

| EUR million                   | Q4<br>12/13 | Q4<br>11/12 | FY<br>12/13 | FY<br>11/12 |
|-------------------------------|-------------|-------------|-------------|-------------|
| Revenue                       | 34.0        | 30.6        | 120.6       | 107.3       |
| Organic growth                | 18%         | 18%         | 14%         | 13%         |
| EBIT                          | 12.2        | 10.8        | 37.9        | 37.6        |
| EBIT margin                   | 35.8%       | 35.3%       | 31.5%       | 35.0%       |
| EBIT margin before impairment | 35.8%       | 44.4%       | 34.6%       | 37.6%       |
| ROIC excluding<br>goodwill    |             |             | 36.7%       | 39.1%       |

### Organic growth



### Organic growth

### 2012/13

 Strong performance in human (dietary supplements) and animal health (silage, poultry and swine segments)

#### Q4

- > Growth driven by both human and animal health
- Human health positively impacted by timing of orders

### EBIT margin before impairment

#### 2012/13

EBIT margin before impairment down 3%-point primarily driven by changes in the product mix in human health and investments in the sales platform

### Q4

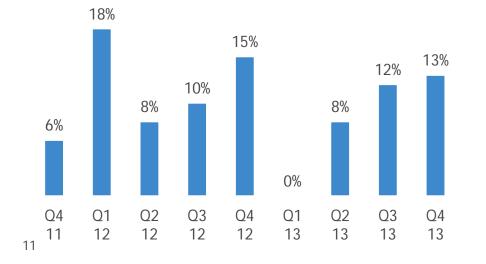
- EBIT margin before impairment down 8.6%-point
- EUR 1 million negative impact from management change



# Natural Colors Division

| EUR million                            | Q4<br>12/13 | Q4<br>11/12 | FY<br>12/13 | FY<br>11/12 |
|--|-------------|-------------|-------------|-------------|
| Revenue                                | 41.7        | 41.4        | 166.9       | 171.6       |
| Organic growth                         | 7%          | 1%          | 0%          | 2%          |
| Organic growth excl.<br>carmine effect | 13%         | 15%         | 8%          | 12%         |
| EBIT                                   | 6.8         | 6.0         | 21.7        | 27.6        |
| EBIT margin                            | 16.3%       | 14.5%       | 13.0%       | 16.1%       |
| ROIC                                   |             |             | 29.5%       | 40.5%       |

### Organic growth excl. carmine price effect



# Organic growth excluding carmine price effect 2012/13

- Strong performance in anthocyanin, natural carotene, annatto & Fruitmax<sup>®</sup>
- > Modest growth in carmine volumes

#### Q4

- Strong performance across most product areas, partly due to positive timing of orders
- > Loss of customer in Latin America during Q4

### EBIT margin

#### 2012/13

EBIT margin down 3.1%-point driven by pricing reductions to address carmine volume losses at the beginning of the year, a positive carmine price effect from delayed price reductions in 2011/12, and investments in the sales platform

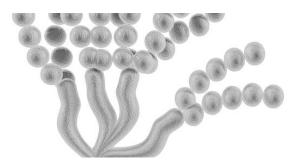
### Q4

 EBIT margin up 1.8%-point primarily driven by a continued focus on pricing and as a result of strong focus on efficiency and cost
 CHR\_HANSEN



### Profit & Loss

| EUR million                            | Q4<br>12/13 | Q4<br>11/12 | FY<br>12/13 | FY<br>11/12 |
|--|-------------|-------------|-------------|-------------|
| Revenue                                | 193.9       | 185.0       | 738.4       | 698.7       |
| Organic growth                         | 10%         | 10%         | 7%          | 8%          |
| Organic growth excl.<br>carmine effect | 12%         | 14%         | 9%          | 11%         |
| Gross margin                           | 54.5%       | 53.6%       | 52.1%       | 51.5%       |
| EBIT                                   | 59.5        | 50.3        | 192.5       | 185.0       |
| EBIT margin                            | 30.7%       | 27.2%       | 26.1%       | 26.5%       |
| EBIT margin before impairment          | 30.7%       | 29.8%       | 27.2%       | 27.2%       |
| Net financials                         | (3.7)       | (2.3)       | (15.8)      | (12.7)      |
| Income tax                             | (4.3)       | (8.7)       | (36.9)      | (41.0)      |
| Profit for the period                  | 51.5        | 39.3        | 139.8       | 131.3       |
| EPS, diluted (EUR)                     | 0.39        | 0.28        | 1.04        | 0.95        |



### FY 2012/13

Gross margin up 0.6%-point

Primarily driven by scale benefits in CED

# Negative effect from net financials increased by EUR 1.4 million

Exchange rate adjustments EUR (7) million compared to EUR (1) million in 2011/12

# Effective tax rate 21%, compared to 24% in 2011/12

One-off adjustments to deferred taxes as a consequence of a change in the Danish corporate income tax rate from 25% to 22% in 2015/16 reduced the effective tax rate by 4 %-points

# Research & Development



| EUR million               | Q4<br>12/13 | Q4<br>11/12 | FY<br>12/13 | FY<br>11/12 |
|---------------------------|-------------|-------------|-------------|-------------|
| R&D expenses              | 8.7         | 11.8        | 42.9        | 35.7        |
| - Amortization            | 1.3         | 1.1         | 4.5         | 3.1         |
| - Impairment              | 0           | 4.8         | 8.1         | 4.8         |
| + Capitalization          | 2.6         | 4.5         | 14.8        | 19.3        |
| R&D expenditures incurred | 10.0        | 10.3        | 45.1        | 47.1        |
| Share of revenue          | 5.2%        | 5.5%        | 6.1%        | 6.7%        |
| - of which capitalized    | 1.3%        | 2.4%        | 2.0%        | 2.8%        |

#### Gastrointestinal health clinical studies concluded

- Primary endpoints not met on full population i.e. EUR 8 million impairment loss in Q2 2012/13
- Further analysis of data conducted in Q3 and Q4 showed beneficial effect on bowel function from BB-12<sup>®</sup> in certain sub groups

Differentiation through documentation remains key focus area

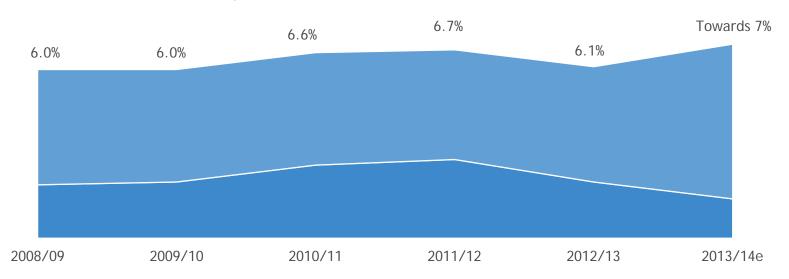
Near-term focus on supporting probiotic opportunities in emerging markets through new clinical studies



# R&D impact on EBIT margin 2013/14



### R&D expenditures as percentage of revenue



#### R&D P&L effect R&D capitalization

R&D spend expected to move towards 7% of revenue

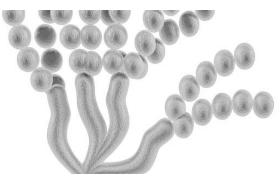
A higher proportion of development expenditures expected to be expensed in 2013/14

Estimated impact on EBIT margin negatively 1-1.5 percentage point compared to 2012/13



### Cash flow and Balance sheet

| EUR million               | Q4<br>12/13 | Q4<br>11/12 | FY<br>12/13 | FY<br>11/12 |
|---------------------------|-------------|-------------|-------------|-------------|
| Cash flow                 |             |             |             |             |
| Operating activities      | 91.7        | 86.6        | 190.3       | 176.4       |
| Investing activities      | (23.4)      | (20.0)      | (70.3)      | (63.1)      |
| Free cash flow            | 68.3        | 66.6        | 120.0       | 113.3       |
| Balance sheet             |             |             |             |             |
| Total assets              |             |             | 1,367       | 1,343       |
| Equity, excl. minorities  |             |             | 681         | 661         |
| Net interest-bearing debt |             |             | 352         | 364         |
| Key Figures               |             |             |             |             |
| ROIC excluding goodwill   | 40.9%       | 35.6%       | 34.4%       | 34.1%       |
| Net working capital       |             |             | 14.6%       | 14.1%       |
| Capital expenditure       | 12.4%       | 11.1%       | 9.6%        | 9.1%        |
| Research & Development    | 5.2%        | 5.5%        | 6.1%        | 6.7%        |
| NIBD/EBITDA               |             |             | 1.4x        | 1.5x        |



### FY 2012/13

Cash flow from operating activities, up 8%

> Driven by improved operating profit

Cash flow used for investing activities, up EUR 7 million

Capital expenditure, up 0.5%-point driven by investments in

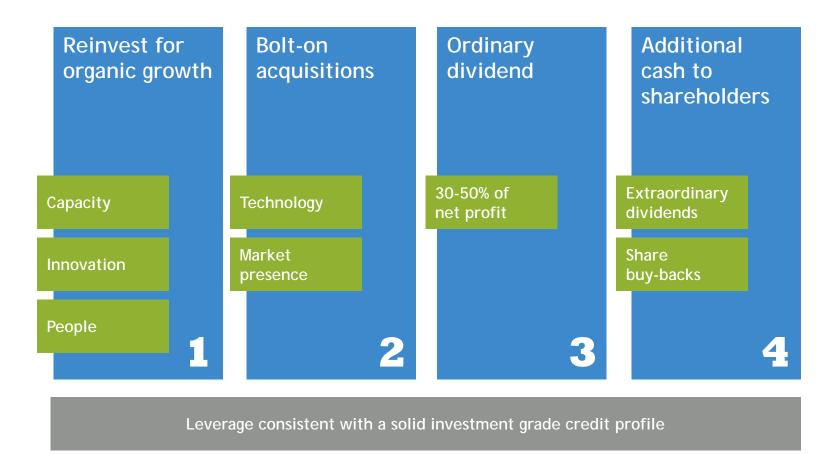
- Fermentation capacity
- Freeze-drying capacity
- Clinical studies

Net working capital, up 0.5%-point

ROIC excluding goodwill slightly up compared to 2011/12

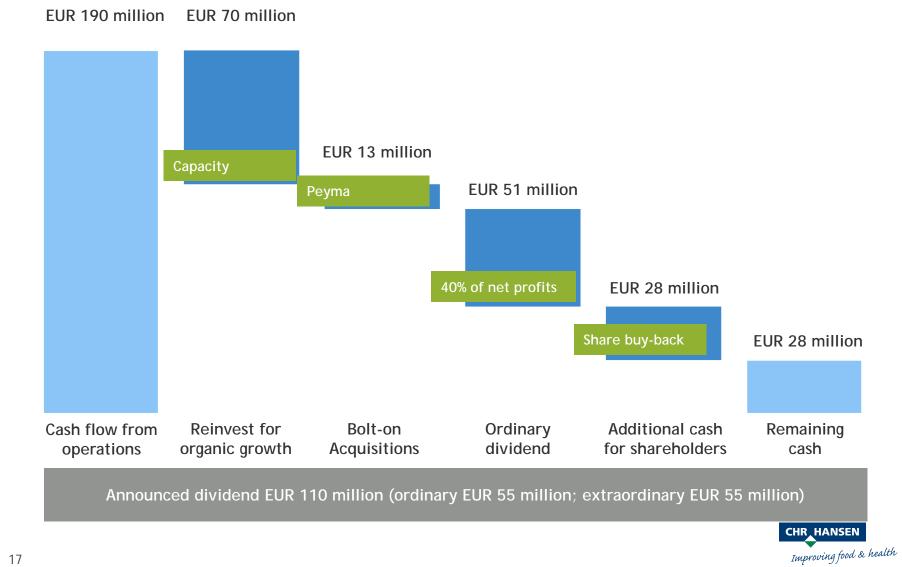


## Capital allocation priorities





# Capital allocation 2012/13



# Outlook 2013/14

| Organic revenue growth*   | 7-9%            |
|---|-----------------|
| Research & development expenditures (as percentage of revenue)  | Towards 7%      |
| EBIT margin before special items**  | Above 26%       |
| Free cash flow before acquisitions and divestments A  | round last year |
| * Q1 expected to be soft due to the timing of orders in human health and natural colors a effects from lower carmine prices in the Natural Colors Division  | and negative    |
| **Increased research & development activity and lower level of capitalization is estimate<br>the EBIT margin by 1-1.5 percentage points compared to 2012/13 | ed to reduce    |



Annual General Meeting



Tuesday, 26 November 2013 at Chr. Hansen's headquarter,

Bøge Allé 10-12, 2970 Hørsholm at 4pm CET

Deadline for proxy votes 22 November 2013





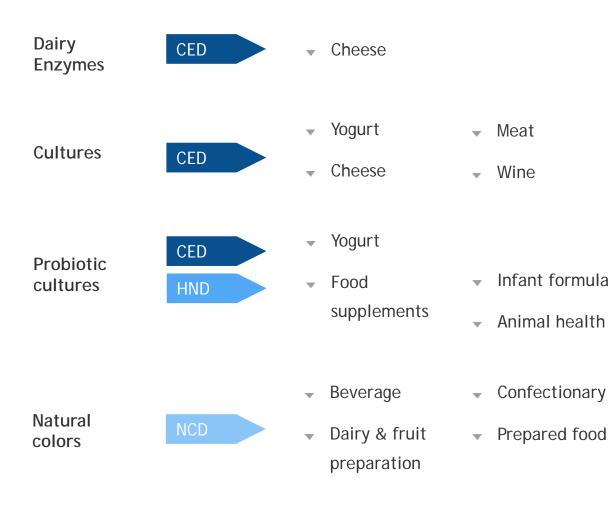


# APPENDIX





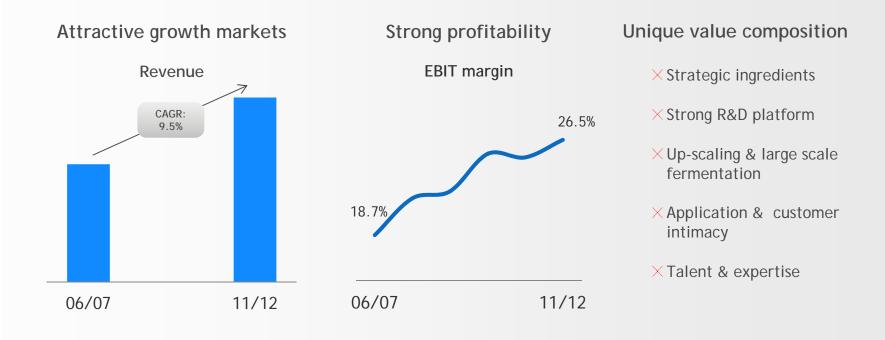
# Chr. Hansen Founded in 1874







### Chr. Hansen - key characteristics

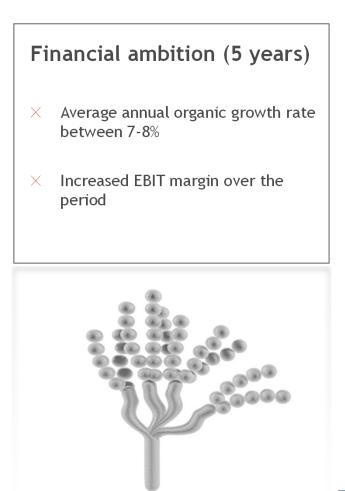


### Cultures & Enzymes Division

| Cultures & Enzymes<br>61% of revenue |               |  |  |  |  |
|--------------------------------------|---------------|--|--|--|--|
| 2012/13                              |               |  |  |  |  |
| Revenue                              | EUR 451m      |  |  |  |  |
| Organic growt                        | h 9%          |  |  |  |  |
| EBIT margin                          | <b>29.5</b> % |  |  |  |  |
| ROIC*                                | 34.5%         |  |  |  |  |
|                                      |               |  |  |  |  |

Cultures, enzymes and probiotics for the food industry, especially the dairy markets

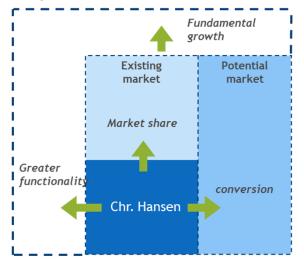
The ingredients help determine the taste, nutritional value, health benefits and product shelf life of the end products





### **Cultures & Enzymes Division**

#### CED growth model



#### Fundamental growth & conversion

| EUR million             | CAGR 201          | 0-12*  | Conversion rate   |        |  |
|-------------------------|-------------------|--------|-------------------|--------|--|
|                         | Fermented<br>milk | Cheese | Fermented<br>milk | Cheese |  |
| North America           | 2.2%              | 2.4%   | ~75               | ~40    |  |
| South America           | 6.5%              | 4.3%   | ~90               | ~70    |  |
| Europe                  | 2.4%              | 1.5%   | ~80               | ~45    |  |
| Africa &<br>Middle East | 10.1%             | 6.0%   | ~65               | ~20    |  |
| APAC                    | 9.4%              | 4.6%   | ~70               | ~35    |  |
| Total                   | 5.2%              | 2.4%   | ~80               | ~45    |  |

#### Market share

Estimated global market share around 45%

#### Greater functionality

Addressing consumer needs

- $\times$  Low sugar, lactose and fat
- × Distinctive texture & flavors
- imes Low salt
- $\times$  Local taste preferences

Addressing customer needs  $\times$  Improve yield

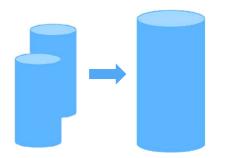
- × Improve efficiency
  - CHR HANSEN Improving food & health

# Continued scalability opportunities in CED

### Plant expansion in Copenhagen progressing as planned



Illustrative



- imes Investment in fermentation approx. EUR 25 million
- imes Expected inauguration during summer 2014
- imes Positive margin impact expected end of 2014/15

### Future expansion

- × Investments down stream debottlenecking (e.g. freeze drying)
- × Further fermentation capacity needed in ~5 years

### Other scalability enablers

- imes Focused supply & foot print strategy
- $\times$  Strong cost control
- imes Re-invigorating lean in manufacturing
- × Yield improvements

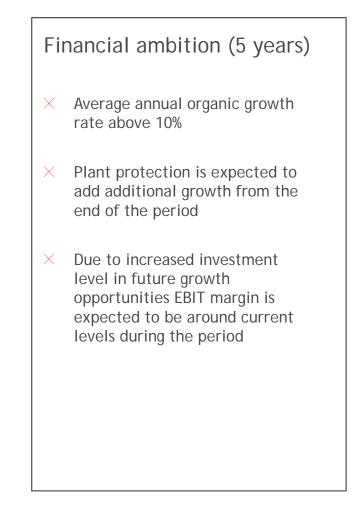


### Health & Nutrition Division Expanding the microbial solutions platform

| Health & Nutrition |                |          |  |  |  |
|--------------------|----------------|----------|--|--|--|
|                    | 2012/13        |          |  |  |  |
|                    | Revenue        | EUR 121m |  |  |  |
|                    | Organic growth | 14%      |  |  |  |
|                    | EBIT margin    | 31.5%    |  |  |  |
|                    | ROIC*          | 36.7%    |  |  |  |
|                    |                |          |  |  |  |

Products for the dietary supplement, infant formula and animal feed industries

The key offering is probiotic cultures with a documented health effect

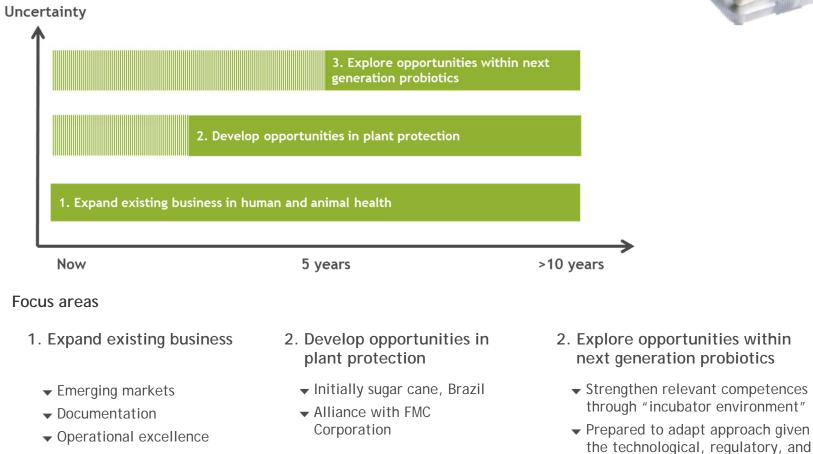


### Health & Nutrition Division Expanding the microbial solutions platform



commercial uncertainties involved

### HND growth model



### Creating further value in NCD

| Natural Colors Division<br>23% of revenue |          |  |
|---|----------|--|
| 2012/13                                   |          |  |
| Revenue                                   | EUR 167m |  |
| Organic growth                            | 0%/8%    |  |
| EBIT margin                               | 13.0%    |  |
| ROIC                                      | 29.5%    |  |
|   |          |  |

World leader in natural color solutions to the food & beverage industry

The colors are extracted from natural sources such as fruits, vegetables, berries, roots and seeds

### Financial ambitions (5 years)

- × Average annual organic growth rate above 10%
- × Increased EBIT margin over the period



### Strong conversion potential in food and beverages

Current natural color market and conversion rate

| Natural color in food & beverages | Market value*<br>(EUR million) | Conversion** |
|-----------------------------------|--------------------------------|--------------|
| North America                     | ~115                           | ~20%         |
| South America                     | ~80                            | ~25%         |
| Europe                            | ~260                           | ~60%         |
| Africa & Middle East              | ~25                            | ~15%         |
| APAC                              | ~200                           | ~25%         |
| Total                             | ~650                           | ~30%         |



Improved cost-in-use solutions

- × Agronomy: Pigment optimization through breeding programs
- × Sourcing: Global reach, multiple suppliers, long term contracts
- × Formulation: e.g. encapsulation, milling and emulsion techniques

- Coloring foodstuff
- × Develop full product offering
- × Optimize crop and pigment yield to improve cost-in-use
- × Stability of pigments (e.g. ultra stable anthocyanin)

New transformational technologies

× DairyMax™

× Fermented carmine



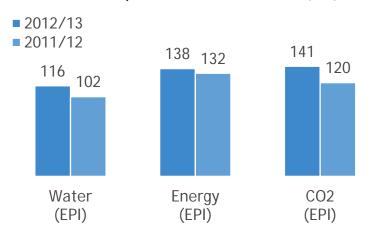
29 \* 2012 Estimated global food & beverages color market for natural colors & coloring foodstuff. Management estimate \*\* Conversion rate measured in volume. Included natural colors & coloring foodstuff. Management estimate

# Sustainability

#### Performance 2012/13

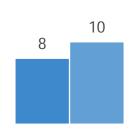
- Improvement in environmental performance
  - ➤ Water +14%
  - > Energy +6%
  - ≻ CO<sub>2</sub> + 21%
- Lost time incident frequency (LTIF) reduced, however days of absence increasing
- ➢ 6 product retrievals
  - > 5 unharmful product cross contaminations
  - > 1 product density





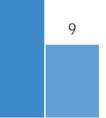


#### 2012/13



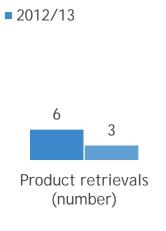
LTIF (Per million working hours)





Days of absence







# Key risks



#### STRATEGIC RISKS

#### Product safety

Chr. Hansen's customers demand and expect high-quality products, and it is a major strategic risk for the Company if the safety of its products is questioned by customers, consumers or authorities

To ensure the highest product safety, Chr. Hansen has an extensive quality assurance and food safety program covering the entire value chain, from the sourcing of raw materials until the finished products are delivered to customers

#### Health claims and documentation

Chr. Hansen has some of the best-documented probiotic strains on the market. However, governments and agencies, especially the European Food Safety Authority (EFSA), are introducing more stringent rules and regulations for the documentation of health claims for food-related products. The Company is working

to further improve the documentation of health claims for its probiotic products.

#### FINANCIAL RISKS

As an international business, Chr. Hansen is exposed to a number of financial risks relating to currency and interest rate fluctuations, funding, liquidity, credit and counterparty risks

#### Please refer to the Annual Report 2012/13 (p. 21-22) and relevant notes for more information on Chr. Hansen's known key risks

#### OPERATIONAL RISKS Production

To minimize the risk of production breakdowns or failures, Chr. Hansen has implemented a risk prevention program where regular safety audits are conducted to ensure that maintenance and replacements are performed preventively. The Company also maintains redundant capacity for key processes.

#### Legal proceedings

Chr. Hansen is from time to time party to legal proceedings arising in the ordinary course of its business. A number of diacetyl-related lawsuits in which the Company was defendant were settled in 2012/13. Chr. Hansen is still defendant in a few diacetyl-related lawsuits.

#### Human capital

Attracting and retaining the best employees and new talents will remain crucial if Chr. Hansen is to continue to excel. Human knowledge is instrumental to Chr. Hansen's business, and there is a strong focus on continuously building and expanding the knowledge base by actively developing employees' key skills.

#### Health & safety

Chr. Hansen is committed to continuously improving both the physical and psychological workplace so that employees experience a safe working environment.

#### Taxes and transfer pricing

It is the Company's intention always to fulfill the tax requirements in all countries where business is conducted. Chr. Hansen constantly works on creating tax awareness in the organization and has defined clear roles and responsibilities between line management, local finance and the Group Tax function



### Definitions

#### **Organic growth**

Adjusted organic revenue growth is calculated based on the reported International Financial Reporting Standards revenue adjusted for sales reductions (such as commissions and sales discounts), further adjusted for acquisitions and divestitures in order to standardize year-on-year comparisons and measured in local currency.

#### EBIT (Earnings before interest & taxes)

EBIT is calculated as profit for the period before financial income and expenses and corporate income taxes. EBIT also excludes income and expenses from discontinued operations.

#### Free cash flow

Free cash flow is a measure of financial performance calculated as operating cash flow less net capital expenditures.

#### **Invested capital**

Invested capital is calculated as intangible assets, property, plant and equipment, trade receivables and inventories less trade payables.

#### ROIC (return on invested capital) excluding goodwill

Operating profit as a percentage of average invested capital excluding goodwill.



### Financial Calendar 2013/14

| 15 January 2014 | Interim Report Q1       |
|-----------------|-------------------------|
| 9 April 2014    | Interim Report Q2       |
| 2 July 2014     | Interim Report Q3       |
| 22 October 2014 | Annual Report 2013/2014 |

### **Interactive Annual Report**

#### http://annualreport1213.chr-hansen.com

### **Share Data**

| Share capital             | 1,344,999,760         |
|---------------------------|-----------------------|
| Number of shares          | 134,499,976           |
| Outstanding shares        | 131,125,177           |
| Classes of shares         | 1                     |
| Voting & Ownership restri | ictions None          |
| Stock exchange            | NASDAQ OMX Copenhagen |
| ISIN code                 | DK0060227585          |
| Ticker symbol             | CHR                   |
|                           |                       |

### Dividend

Proposed ordinary dividend of EUR 0.42 (DKK 3.13) per share for 2012/13. Total amount EUR 55 million, equal to 40% of profit for the year.

Proposed extraordinary dividend of EUR 0.42 (DKK 3.13) per share. Total amount EUR 55 million.

| 27 November 2013 | Ex-date (ex-dividend) |
|------------------|-----------------------|
| 29 November 2013 | Record date           |
| 2 December 2013  | Dividend payment date |

### **Contact Chr. Hansen**

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