



Why we can improve the life of millions of people

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The Nutrition & Care business fields



Consumer Goods



Cosmetics
Body Care
Hygiene
Laundry Care

Nutrition



Animal Nutrition
Human Nutrition

Health Care



Pharmaceutical
Ingredients
Controlled Drug
Release

Specialties



Insulation for home
appliances
Furniture & bedding
Release Coatings

Nutrition & Care – facts and figures

Employees

7,300

Leading positions in key markets

adjusted EBITDA 2015

€1.4 billion

R&D expenditure 2015

€150 million

€1.8 billion

Investments in growth projects 2010 - 2015

Sales 2015

€4.9 billion

Our common strategic goal is to strive for differentiation



Nutrition & Care fulfils essential human needs in a globalizing world

- We serve growth markets fueled by megatrends with a direct and immediate link to our business.
- We operate in an attractive economic environment and compete for superior solutions.
- Our common strategic goal is to strive for differentiation.
- Innovation is our key-enabler for:
 - Mastering and innovating leading technologies
 - Building unique customer intimacy
 - Renewing business models to match customer needs
 - Gaining and maintaining cost leadership

Megatrends

Care for Health

Sustainable Nutrition

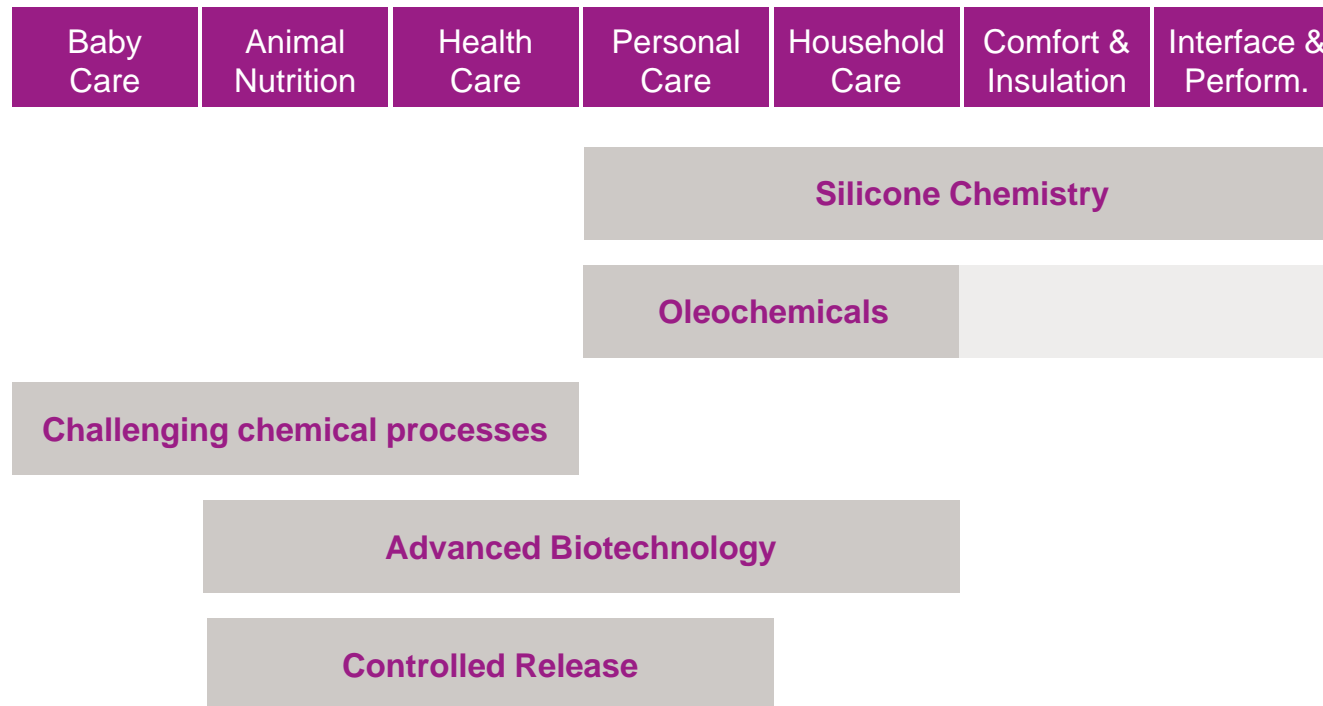
Prospering middle class

Ageing population

Our shared technology platforms are the backbone for innovation and growth



Nutrition & Care shared technology platforms

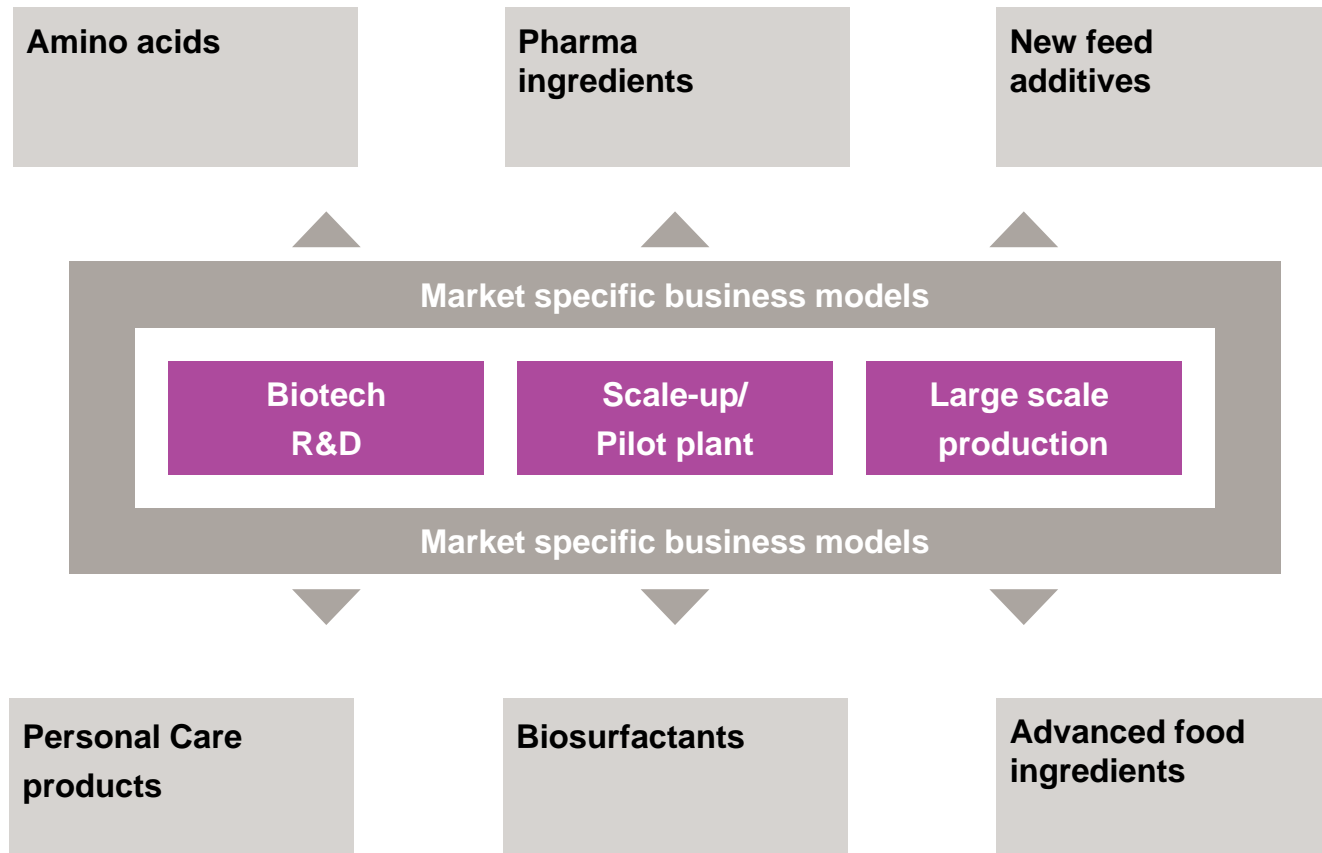


Nutrition & Care:

- We are the home of strong technology platforms
- We can create extraordinary solutions from a huge and diverse skill set
- We enable our customers for differentiating solutions in their business

Technology platforms enable for >90 % of Nutrition & Care sales

Example: The biotechnology platform enables growth into new fields



More than a fashion and an overall trend: sustainability is a major growth driver



Our products and competencies deliver sustainability

Helping to ensure a sustainable food chain for up to 10 billion people:

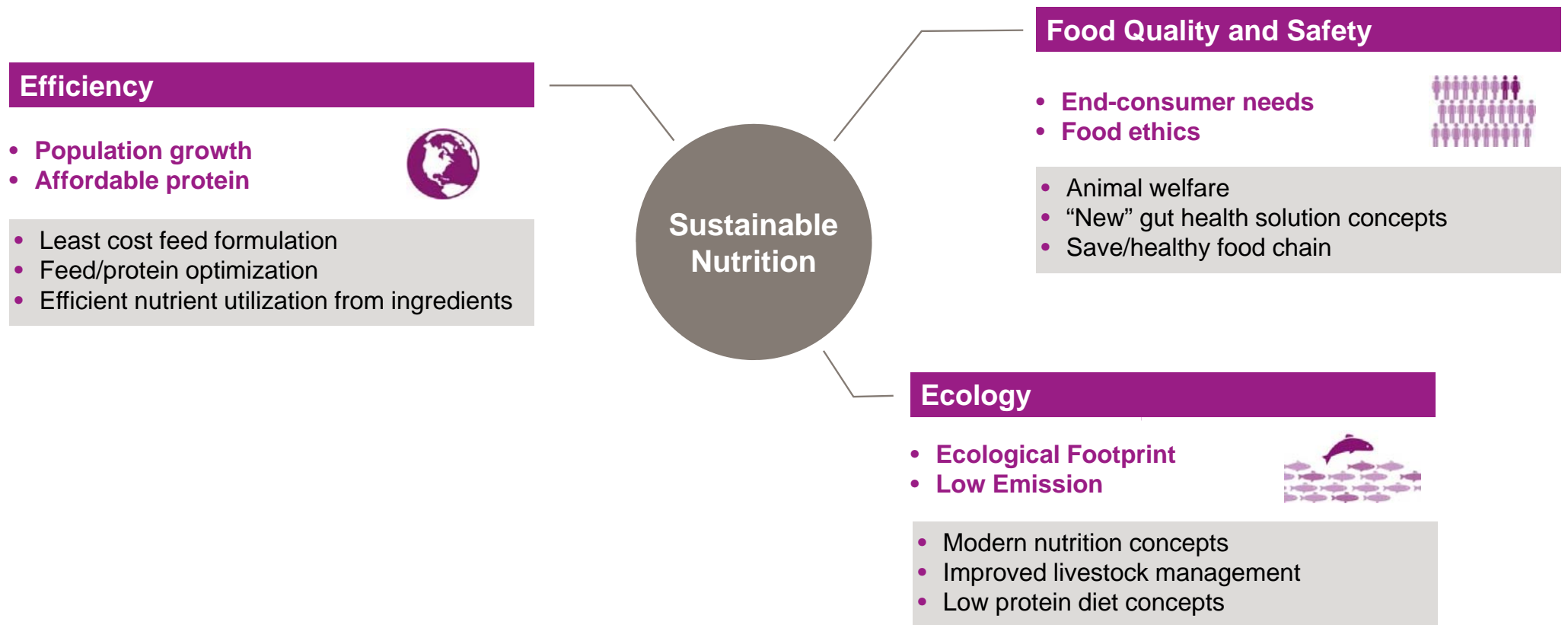
- by reducing the ecological footprint in food protein production
- by lowering risk of over-fishing as demand for seafood rises
- with natural compounds for advanced food ingredients

Addressing the need for more sustainable products:

- by responding to the overall “natural” trend in cosmetics
- by enabling the commercial viability of biosurfactants
- by reducing the ecological footprint to meet new standards in various industries (e.g. textile, agrochemicals, adhesives)



Future sustainability of food value chain depends on three dimensions of innovation



Ecology, efficiency and food quality: growth drivers for decades



Standards of animal nutrition by region

Level of nutritional standards



Developed Regions (e.g. EU, US, Australia/NZL, Japan)

- “State-of-the-art” nutritional standards

Emerging Regions (e.g. Eastern Europe, Latin America, advanced China & India, South East Asia, Middle East)

- Partly advanced nutrition standards

Developing Regions (e.g. Africa, rural China & India, Pakistan, Bangladesh)

- Lowest level of nutritional standards

Population:

~1 bn

~4 bn

~2 bn

Increasing use of advanced nutrition concepts factored with growing population as key growth drivers for feed markets in developing regions

Our Health Care business provides a substantial contribution to society



Controlled Drug Release Functionality

Trends

Strong growth in oncology, central nervous system and diabetes.

New therapies will be increasingly personalized and targeted, acting on specific cells and genes.

Strong need for functional delivery systems

Contribution of Evonik

Making modern drugs effective

Our products for parenteral drug delivery bring biopharmaceuticals to their target.

Biopharmaceuticals are made effective.

Improving patient compliance

Our products for oral drug delivery reduce the therapeutically necessary dosage in the body.

Side effects are diminished, burden for patients is reduced.

Reducing mistakes during drug intake

Our depot formulations can release drugs over weeks and even months.

Regular medication not needed, mistakes are reduced.

Our Health Care business provides a substantial contribution to society



Modern Medical Devices

Trends

Metal will be replaced by polymers in implantable devices

Drug eluting devices provide localized treatment options

Failing tissues and body parts will be replaced by copies built from our own adult stem cells.

Contribution of Evonik

Accelerating healing

Our bioresorbable implants dissolve without a trace.

Second surgery (e.g. removal of screws in case of bone fracture) is not necessary in future.

Supporting and accelerating healing

Our medical devices can be charged with API, which is released gradually to support the healing process.

Patients recover faster.

From repairing to regenerating

We are developing our composite materials which enable the regeneration of bones and tissue.

Self-healing is supported.



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