

# **PURPOSE LED, PERFORMANCE DRIVEN.**

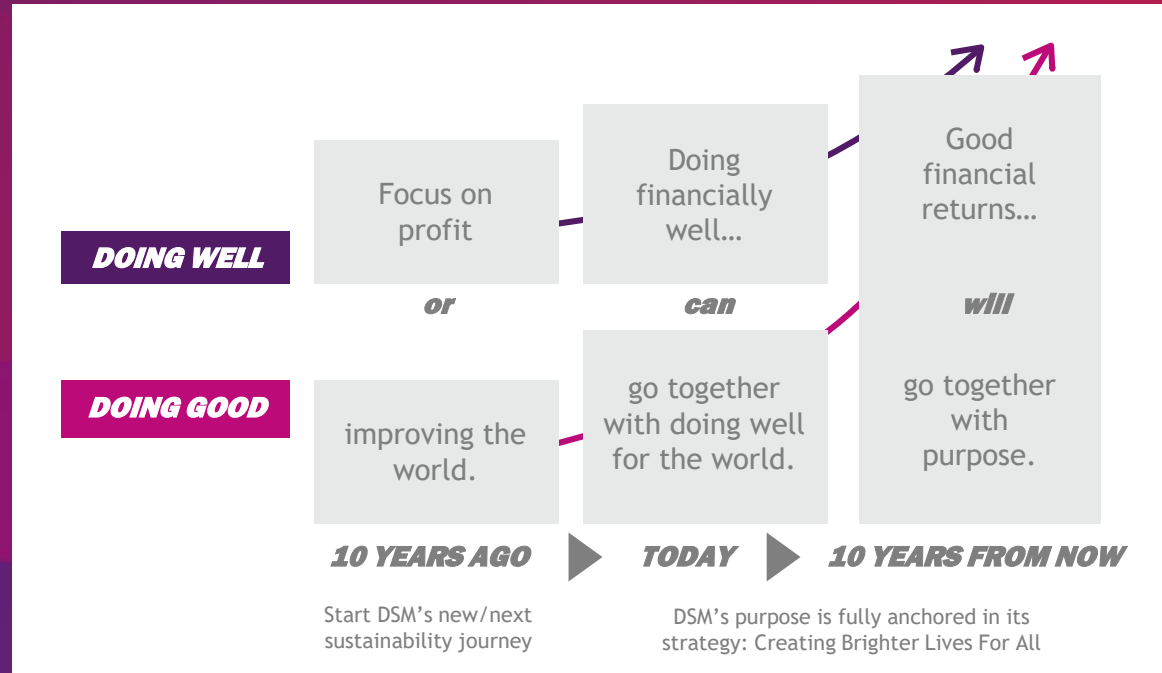
***CREATING BRIGHTER  
LIVES FOR ALL.***

**BRIGHT SCIENCE. BRIGHTER LIVING.™**

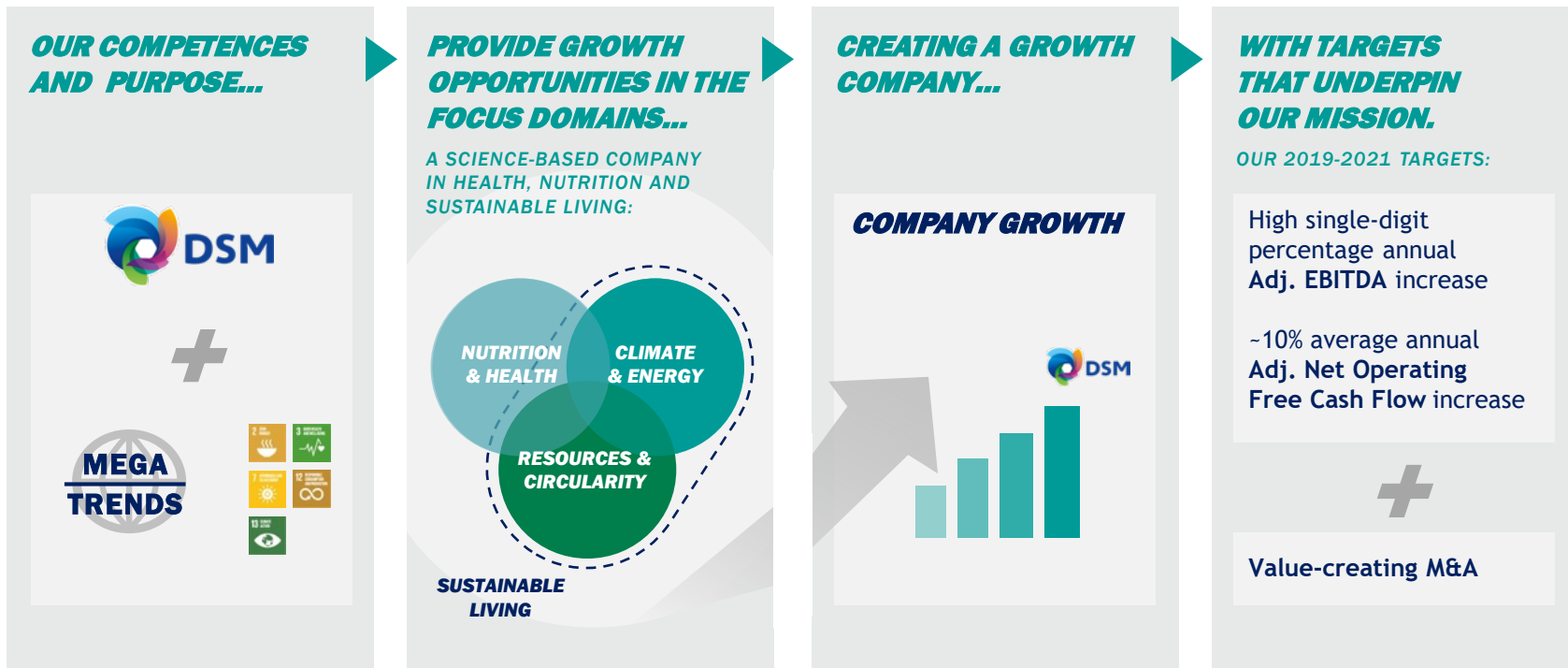


# THE WORLD IS CHANGING.

**TEN YEARS AGO,  
THE GENERAL BELIEF WAS,  
THAT AS A COMPANY,  
YOU EITHER FOCUSED  
ON PROFIT OR IMPROVING  
THE WORLD, BUT THAT YOU  
COULDN'T DO BOTH.**



# PURPOSE DRIVES GROWTH OPPORTUNITIES.



# ***OUR 3 FOCUS DOMAINS.***

**WE USE OUR KEY COMPETENCES TO ADDRESS THE UN SUSTAINABLE DEVELOPMENT GOALS; THESE PROVIDE GROWTH OPPORTUNITIES IN OUR 3 FOCUS DOMAINS:**



**WE ARE ALREADY REACHING  
~2.5 BILLION PEOPLE WORLDWIDE.**

# ***WE HAVE ALWAYS BEEN A COMPANY WITH AMBITION.***

***BOTH OUR FINANCIAL TARGETS AND SUSTAINABILITY AMBITIONS REFLECT THIS:***

**30%**

**ABSOLUTE  
EMISSIONS  
REDUCTION**

by 2030;  
vs. 2016

**>1%**

**AVERAGE  
ENERGY  
EFFICIENCY**

till 2030

**75%**

**PURCHASED  
RENEWABLE  
ELECTRICITY**

by 2030

**>75%**

**EMPLOYEE  
ENGAGEMENT**

by 2021

**<0.25**

**SAFETY  
FREQ. RATE**

by 2021

**>65%**

**BRIGHTER  
LIVING  
SOLUTIONS**

by 2021

# ***HOW WE WILL ACHIEVE OUR PURPOSE.***

## ***IMPROVE.***

Improve and adapt our own operational impact by further improving safety and resource efficiency, decreasing our emissions and stepping up our use of renewable energy.

## ***ENABLE.***

Enable our customers and partners to deliver sustainable and healthy solutions for the planet and society.

## ***ADVOCATE.***

Advocate for the future we believe in and fully accept our responsibilities as an active part of society.

# ***CLIMATE & ENERGY***

***ENABLING A LOW-CARBON ECONOMY AND  
ADVOCATING CLIMATE ACTION***



# DSM ENDURANCE BACKSHEET

- for ultimate solar module protection
- reliable & high efficiency performance in extreme environments
- innovative manufacturing process allowing flexibility in material design & costs
- solvent & fluorine-free and recyclable, resulting in 30% carbon footprint reduction
- enabling the industry to create 100% recyclable solar module

100% recyclable

durable

30% lower carbon footprint





# ***RESOURCES & CIRCULARITY***

***ENABLING AND ADVOCATING THE TRANSITION  
TOWARD A CIRCULAR & BIO-BASED ECONOMY***

# NIAGA®

- all materials in our redesigned products can easily be recovered, to make the products again, and again
- 95% of carpet being burned or sent to landfill after use; among the top-five contributors to landfill and incineration in Europe and North America
- DSM-Niaga team has been able to design a carpet that uses only pure materials, requires 95% less energy to manufacture than mainstream lamination processes, and can easily be recycled

redesigning  
products from  
scratch

sustainable  
solutions for  
household  
products

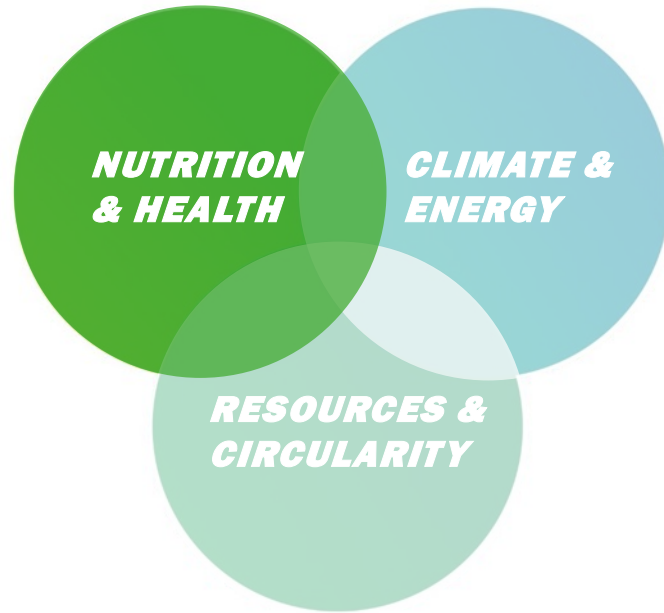
clean materials  
enabling  
100% recycling



# ***NUTRITION & HEALTH***

***ENABLING AND ADVOCATING HEALTHY DIETS FOR ALL  
WITHIN PLANETARY BOUNDARIES***

# ***NUTRITION & HEALTH.***



- contribute to adequate macronutrients and micronutrients (i.e. vitamins, minerals, fatty acids)
- fight malnutrition (undernutrition, overnutrition, hidden hunger, overweight and obesity)
- enabling sustainable animal protein production such as dairy, poultry, eggs, fish and meat
- reduce salt, sugar, saturated fat content
- combat antimicrobial resistance

# RICE FORTIFICATION

- in many parts of the world, people are lacking micronutrients in their diet
- with over 3 billion people worldwide relying on rice as their staple food, rice fortification offers a unique opportunity to substantially improve their micronutrient status at a very low cost
- DSM provides fortified kernels made from essential micronutrients and rice flour, which are mixed into regular rice at 0.5-2% to increase its nutritional value

fighting  
hidden hunger

1 USD  
spend in first  
1000 days of life  
= 166 USD pay off

promoting  
local sourcing





# VERAMARIS®

- disruptive new algae-based technology producing omega-3 fatty acids EPA and DHA that are critical for aquaculture feed
- reducing the need for omega-3 EPA and DHA derived from wild caught fish, a finite resource
- reduce pressure on over fishing
- enabling the aquaculture industry to grow sustainably and become a net fish producer
- addressing the decline in omega-3 levels in Salmon
- Veramaris® is a joint venture with Evonik

essential for  
health:  
Fatty Omega-3  
acids

contributing  
to preserving  
marine  
biodiversity

1kg Green  
Ocean oil is  
equivalent to  
60kg wild  
catch





# MIXFIT

- Mixfit is a digital health company focused on delivering personalized nutrition solutions to consumers based on their unique activity level and food intake
- consumers across the world are increasingly taking ownership of their own health and well-being
- DSM helped develop the Mixfit Intelligent Nutrition Assistant (Mina), an artificial intelligence platform that analyzes an individual's lifestyle and health goals
- platform dispenses custom-made beverages that contain a personalized mix of DSM's Quali® Blends with vitamins and minerals throughout the day

personalized  
nutrition for the  
digital age

custom-made  
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DSM's Quali®  
Blends

supports  
consumers to take  
ownership of their  
health and  
wellbeing



# ***WE CANNOT DO THIS ALONE.***

***WE ARE RECOGNIZED AS A POSITIVE CONTRIBUTOR TO A CHANGING  
WORLD – WE ACHIEVED THIS THANKS TO OUR EMPLOYEES,  
SHAREHOLDERS AND CUSTOMERS.***

***WITH OUR  
EMPLOYEES***

Doing  
something  
meaningful  
everyday.

***WITH OUR  
CUSTOMERS &  
SUPPLIERS***

Pioneering  
solutions that  
enable  
brighter living.

***WITH OUR  
SHARE-  
HOLDERS***

Profit with a  
purpose.

***FOR  
SOCIETY***

Transforming  
our world.



**BRIGHT SCIENCE. BRIGHTER LIVING.™**