

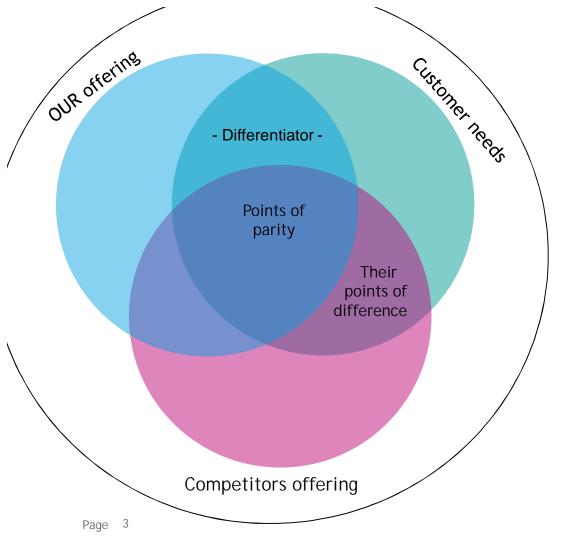


Arthur Simonetti Marketing Director at DSM; voorzitter NIMA B2B community

 $E = MC^2$







How to become adorable?



FAST, UNPREDICTABLE CHANGES WITHOUT CLEAR PATTERNS OR TRENDS

Uncertainty

C

FREQUENT DISRUPTIVE CHANGES WHERE THE PAST IS NOT A VERY GOOD PREDICTOR OF THE FUTURE

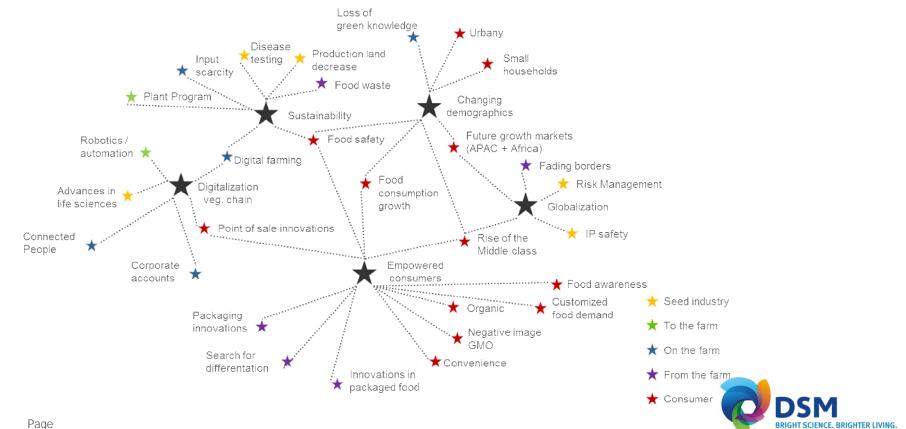
Complexity

MULTIPLE, COMPLEX, INTERTWINED TECHNOLOGICAL, SOCIETAL, GEO-POLITICAL AND ECOLOGICAL EVOLUTIONS

Ambiguity

LITTLE CLARITY ON WHAT IS REAL OR TRUE AND DIFFICULT TO PREDICT THE IMPACT OF ACTION OR INITIATIVES

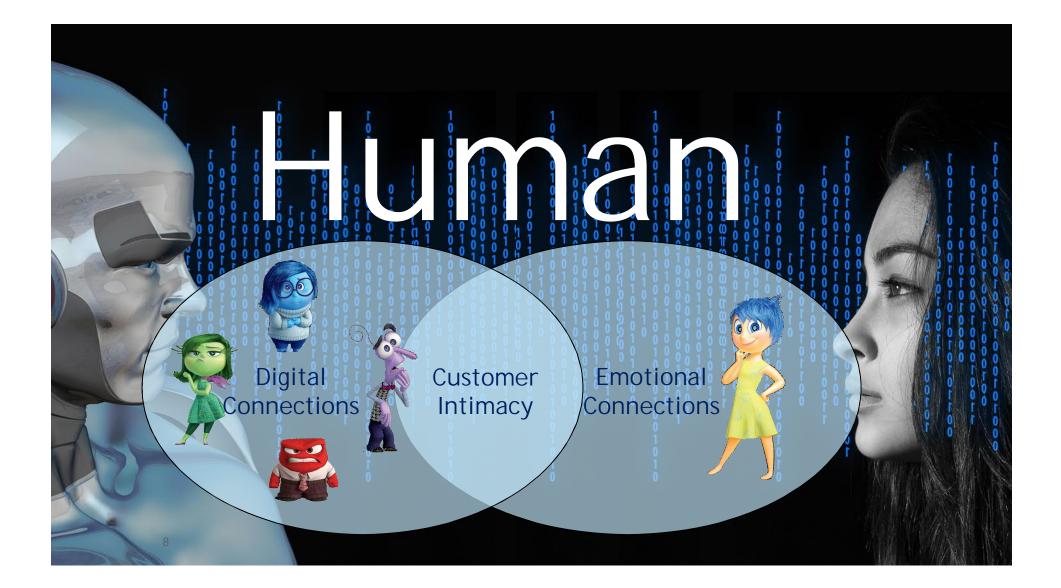


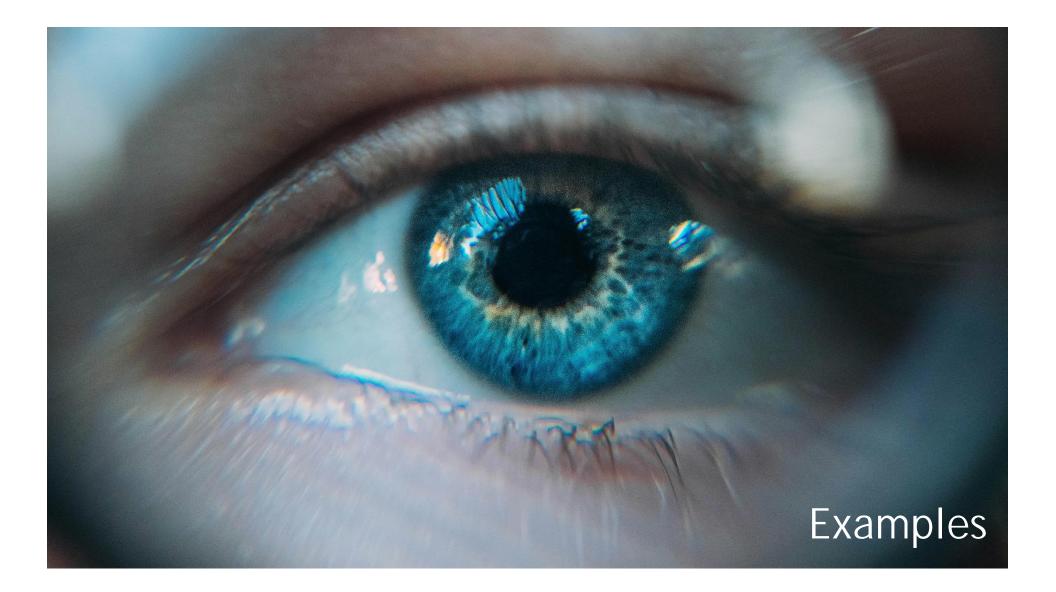


Trends are interconnected

1.0: Product- centric Marketing2.0: Customer oriented marketing3.0: Values-driven Marketing
ObjectiveSell productsSatisfy and retain the customersMake the world a better place
Enabling forcesIndustrial revolutionInformation technologyNew wave technology
How companies see the marketMass buyer with physical needsSmarter customers with mind and heartWhole human with mind, heart and spirit
Key marketing conceptProduct developmentDifferentiationValues
Company marketing guidelinesProduct specification positioningCorporate and product positioningCorporate mission, vision and values
Value propositionsFunctionalFunctional and emotionalFunctional, emotionaland spiritual
Interacting with customers One-to-many transaction One-to-one relationship Many-to-many collaboration









alive. again and again.

Redesigning everyday products from scratch Hello Niaga®. Goodbye waste.

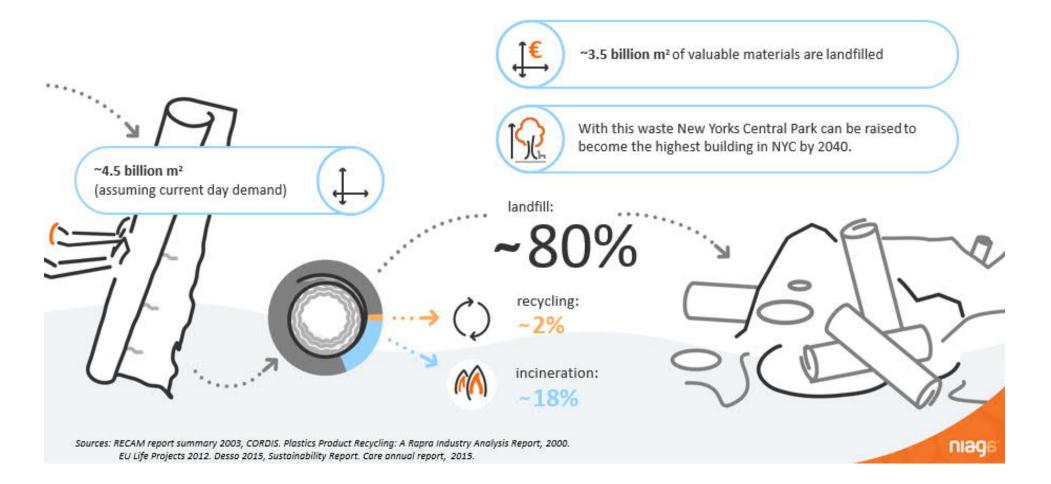
Home

What we do

Carpet

What's

It starts with a story on carpet waste.



The solution is embedded in evidence

It need to be fully recyclable; so we use PET only!

What we have done: Redesigned the product carpets from the ground up, based on the innovation philosophy of drastic materials simplification.

Result so far: Production technology to produce high quality carpet.

Benefits:

- Better indoor air quality, and safer in case of fire
- Lighter and easier to install
- Economical reuse of all materials for new carpet
- >90% less energy in production

Niaga® Mono
PET only.
20000
Niaga® reversible adhesive
optional integrated underpad



Great foundations to build upon:

Long-term collaboration to develop fully recyclable matrasses



DSM-Niaga and Auping to develop fully recyclable mattresses

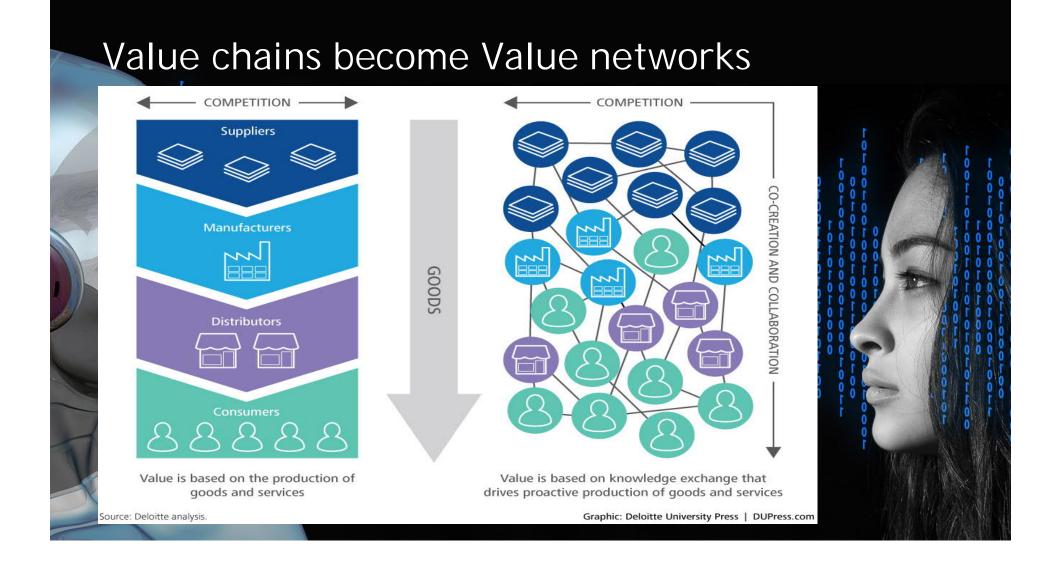
Sittard, NL, 21 Nov 2017 07:15 CET

Royal DSM, a global science company active in health, nutrition and materials, today announce that DSM-Niaga - a joint venture of DSM and start-up company Niaga - and Royal Auping start a long-term collaboration to develop fully recyclable mattresses. The mutual goal of the collaboration is to tackle landfill and incineration of mattresses globally and use healthy materials in mattresses. Both companies aim to find scalable solutions to solve waste issues all over the globe. They realize how the manufacturing processes and business models might need to change to make a fully circular mattress work.





Share



Supporting the sustainability agenda of the aquaculture industry

1. WE DELIVER HIGHEST QUALITY.

Our algal oil is a rich source of omega-3 with more than 50 percent of EPA and DHA – the two key fatty acids. It is produced from natural marine algae and stabilized by tocopherols. The production is transparent, raw materials traceable.

EPA + DHA

2. WE PROVIDE SUPPLY SECURITY.

The initial production capacity will meet roughly 15% of the total annual demand for EPA and DHA by the salmon aquaculture industry.



3. WE DELIVER SUSTAINABILITY

Our production of algal EPA + DHA utilizes nature's process for production of both EPA and DHA – algae. No fish based ingredients are used in the production of our algal oil.

4. WE PRODUCE WASTE-FREE.

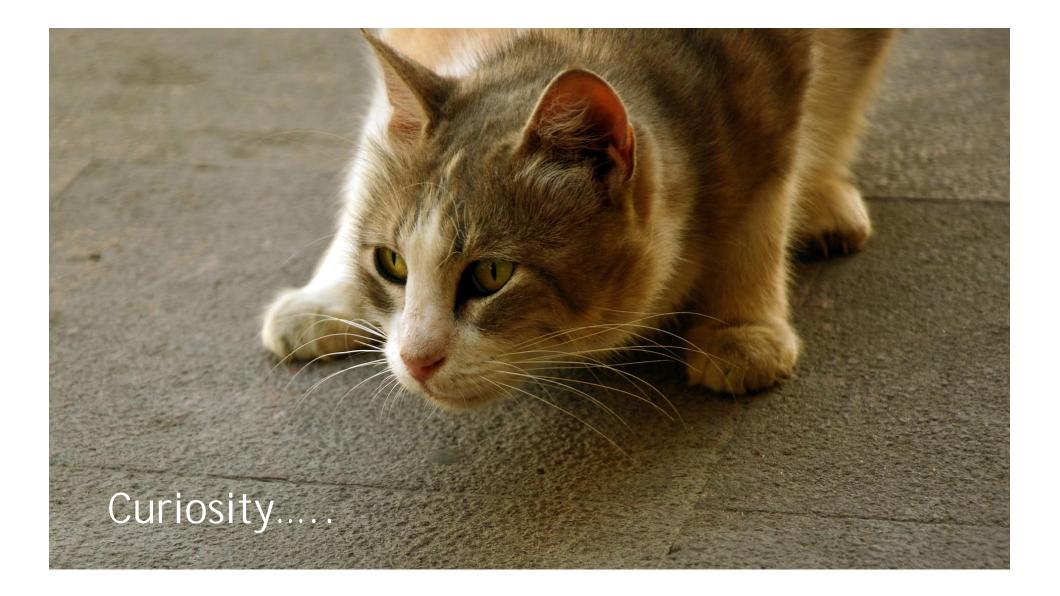


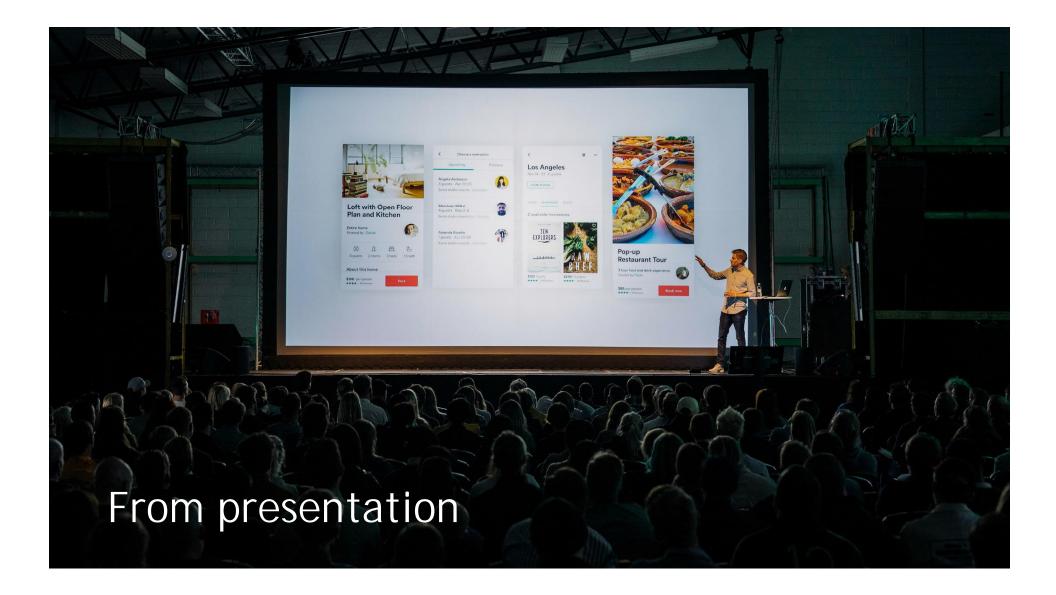
Our algal oil is produced through fermentation process using locally sourced sugar. The excess biomass is used for beef cattle feed, or biogas for electricity production, making the production entirely waste-free.



15 DSM and Evonik | Supporting sustainable aquaculture | Nov 2017



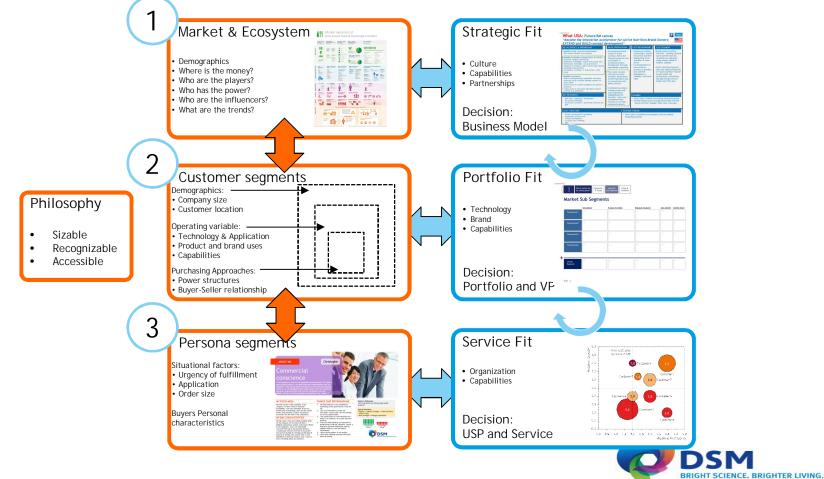




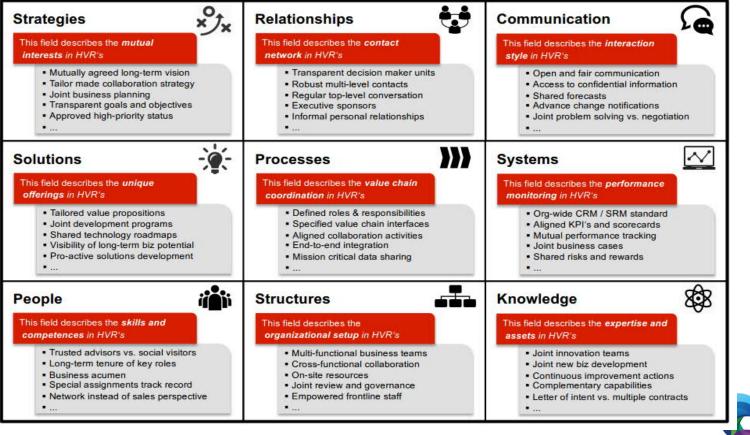


FOR INTERNAL USE ONLY

The segmentation trilogy



Triple Fit



BRIGHT SCIENCE, BRIGHTER LIVING.

The 4 Commercialization Dilemma's

