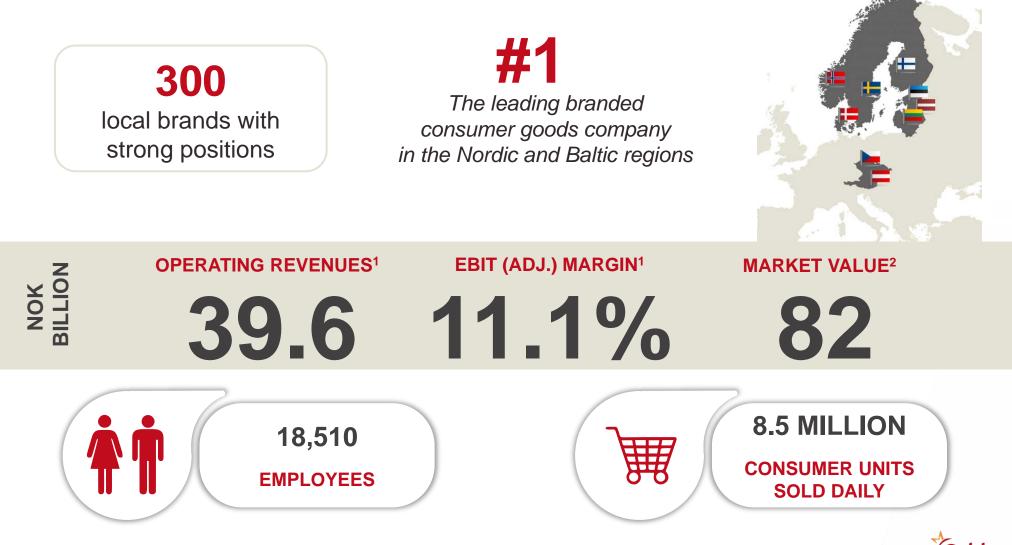
Development of New Products for the Food Market – What are the Trends

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Today, Orkla is the leading Nordic consumer goods player



¹Orkla Branded Consumer Goods incl. HQ 2018. ²As of 25 September 2019

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TRENDS...



Common mobilisation to reach global SDG

Sustainable Development Goals







Strengthening Global Food Systems

The Strengthening Global Food Systems project seeks to provide insight and support action toward more inclusive, sustainable, efficient and nutritious food systems, in line with the Susta...



Nye Asker kommune tuftes på FNs bærekraftsmål

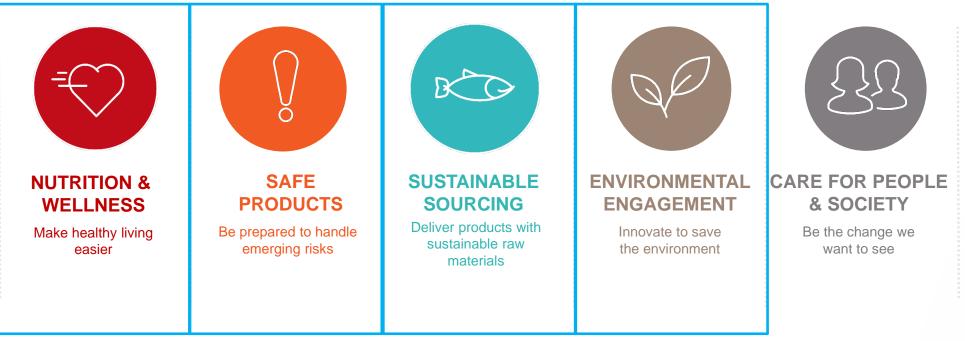


SUSTAINABLE GALS





Sustainability is a core part of our strategic thinking



IMPROVING EVERYDAY LIFE WITH SUSTAINABLE AND ENJOYABLE LOCAL BRANDS





How do we create sustainable growth?

«SUSTAINABILITY UPGRADE» NEW BUSINESS INNOVATION OF EXISTING PRODUCTS **OPPORTUNITIES TANG & TARE** FT HAV AV MAT RÅ RÅ BURGA FUKTGIVEND HAVTANG SHAMPOO BALSAM **Sustainable** Swan label Vegetarian raw materials **Recycled plastic Bio-based packaging** Circular Seaweed economy

Orkla



PRODUCT W ARE 0 V SEAWEED-BASED PACKAGING





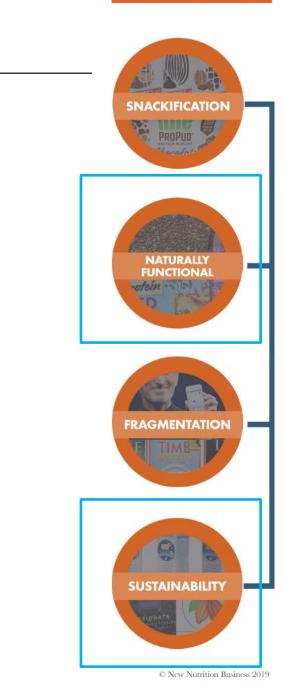








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Orkla

Seaweed is a Superfood

Did you know that seaweed is a vegetable?

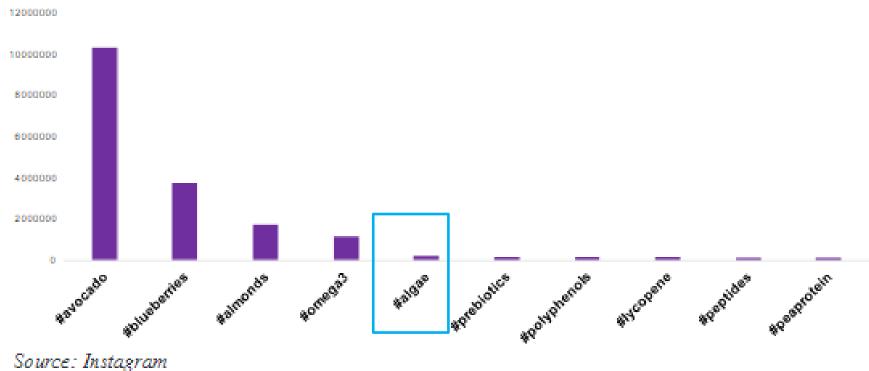




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Chart 2: Naturally functional ingredients beat science-based on social media

On Instagram – the most important social media channel in many countries – consumer interest in blueberry, almond, avocado and other easily-understood naturally functional ingredients is higher than more science-positioned ingredients



Number of posts with selected hashtags on Instagram*





What Now?



All BAs assess seaweed as highly interesting and 5 of our products already contain seaweed

	Orkla Foods	Orkla Confectionery & Snacks	Orkla Care	Orkla Food Ingredients	Development & New Growth Areas
ORKLA	<image/>	<image/> <image/> <image/>	<image/>	<image/>	Enter into new areas
ON THE MARKET	<image/>	<image/>	<image/>		



Parallel curiosity developed across BA and countries. Potential spans from adding an interesting ingredient to existing products, and thereby being first movers in food containing seaweed

Status and insight

- Positive! Sustainability and health benefits most important
- Establish collaboration with seaweed farmers, explore the potential and posibilities
- Consumer readiness



Potential

- Both seaweed as a minor or major ingredient interesting, as well as innovation in adjacent category plant based seaweed.
- Different expectations and consumer readiness between e.g. "seaweed burger"/"fishy burger"/"burger from the ocean"
- Plant based and sustainable foods



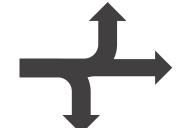
Experienced challenges and questions

- Sensitive raw material handling and processing is challenging to secure both taste and conten
- Identify the best seaweed raw materials dried, powdered, fresh, frozen, fermented, species, taste, nutrient content
- Seaweed products as "Sjögräs og Kikertburger" only contain 3,5% seaweed → volumes?

Add seaweed as a minor ingredient or as a benefit?







Main ingredient or new category?





Seaweed – the new and trendy vegetable



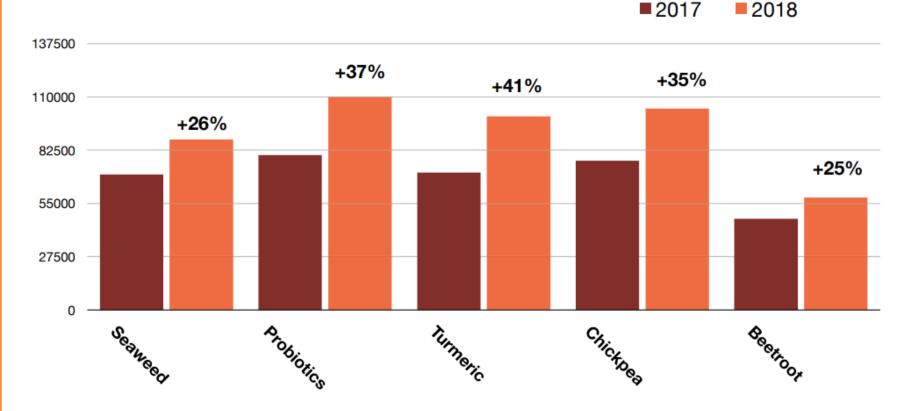
- Approximately 12 000 (160) seaweed species
 In Norway appr. 450 (4) species
- Identify variety and characteristics span for application
- Need to explore the possibilities in species, taste, nutrients, colour and technological characteristics



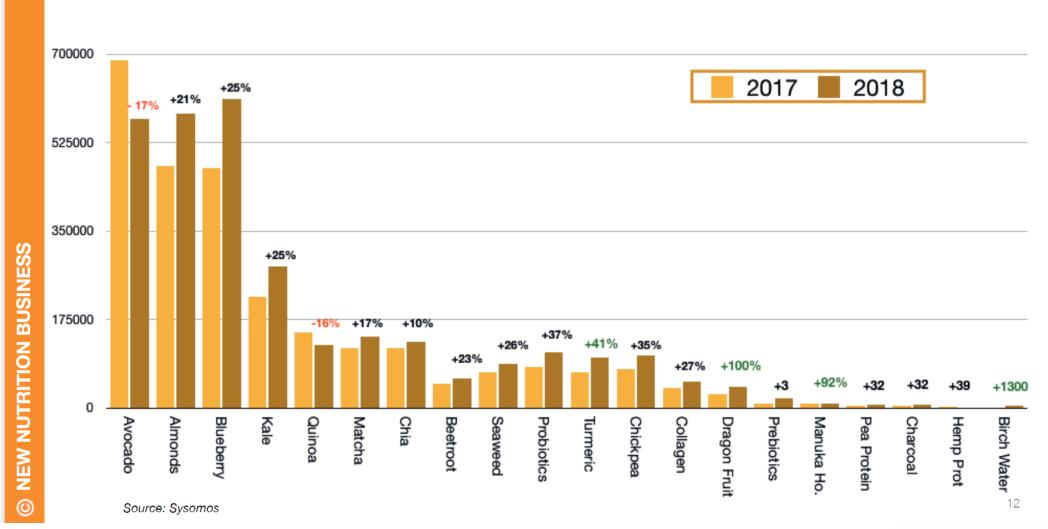


- These are ingredients moderately discussed online (50K-100K mentions per month) and with a higher growth in the number of mentions (>25% growth 2017 vs 2018).
- These ingredients are also discussed in mainstream media but largely in lifestyle media, meaning that health-conscious consumers are the most familiar with these ingredients and their benefits.

Total online mentions of selected ingredients during July 2017 vs July 2018

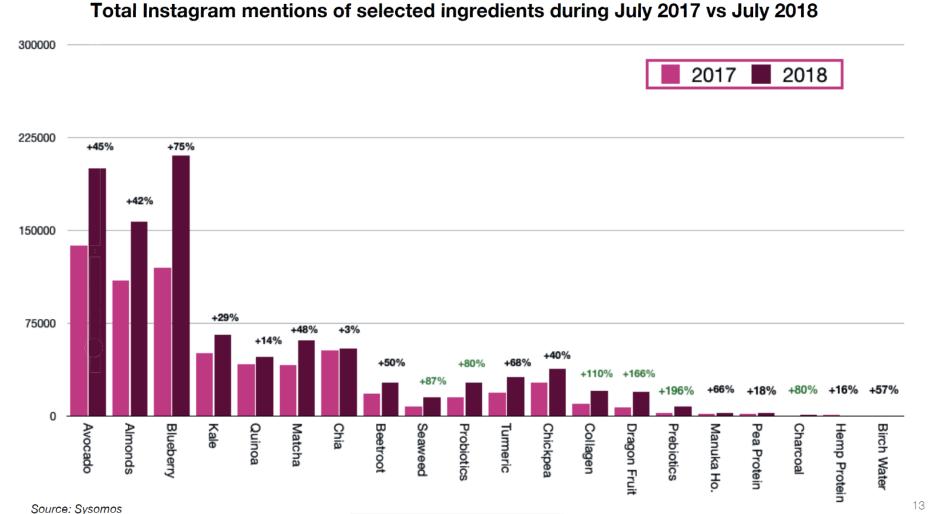


- We define global media as online news and media platforms, blogs, forums, as well as social media platforms like Twitter and Instagram.
- The mentions in the chart below are for food related discussion in English only, on all online global media



Mentions of health ingredients on Instagram

- Instagram is one of the most popular social media platforms. User numbers increased by 25% ٠ between 2017 and 2018 and it now has over 1 billion users.
- As might be expected, for all of the 20 ingredients, mentions on Instagram increased between 2017 ٠ and 2018. Most of the content shared related to recipes and health tips.



NEW NUTRITION BUSINESS \bigcirc