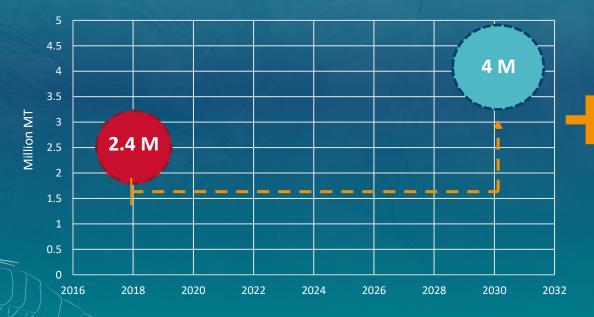


Raw material R&D

May-Helen Holme, Skretting ARC

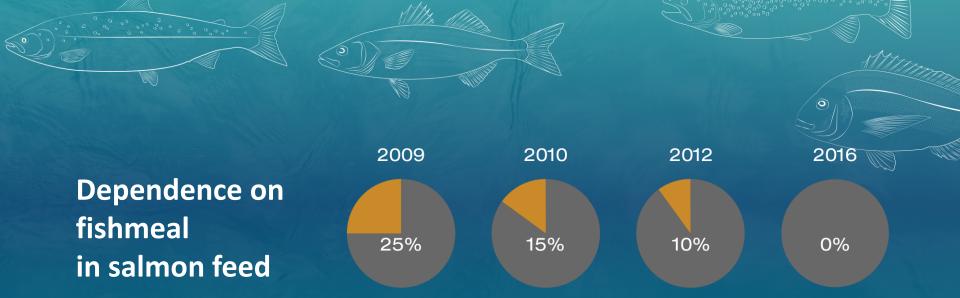


Mapping our global ingredient needs



1.6 mill MT of ingredients over the next 10 years







Where will the future raw material come from?

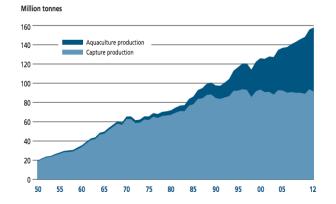
- Optimisation of existing raw materials
- New raw materials





Optimising marine raw materials

Global catch: 90 mill tons



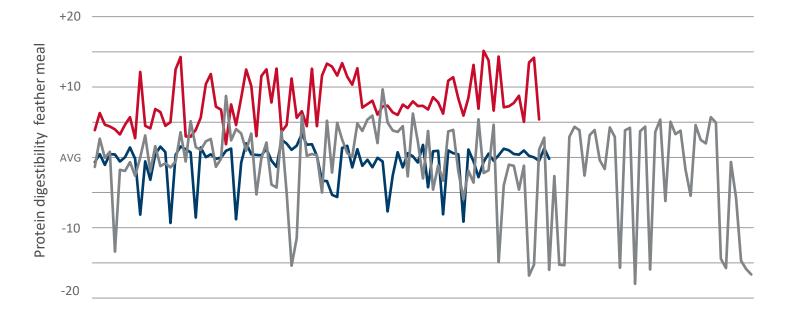
35 mill MT to human consumption20 mill MT to industry35 mill MT to trimmings

Skretting 2019: Fishmeal from trimmings: 27% Fish oil from by-products: 27%





Optimising feather meal quality







New protein sources



Algae



Insect

Bacteria



Fungi

Yeast

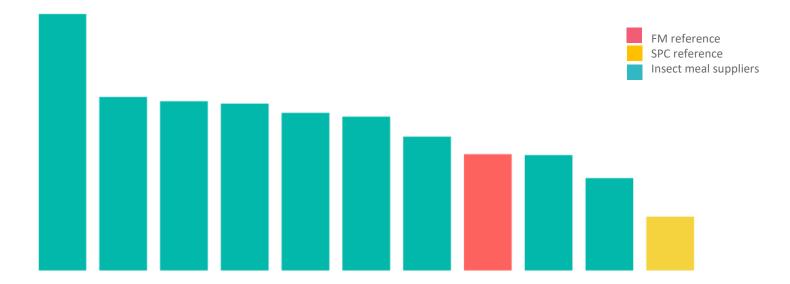
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Insect meal price estimates (USD/T)



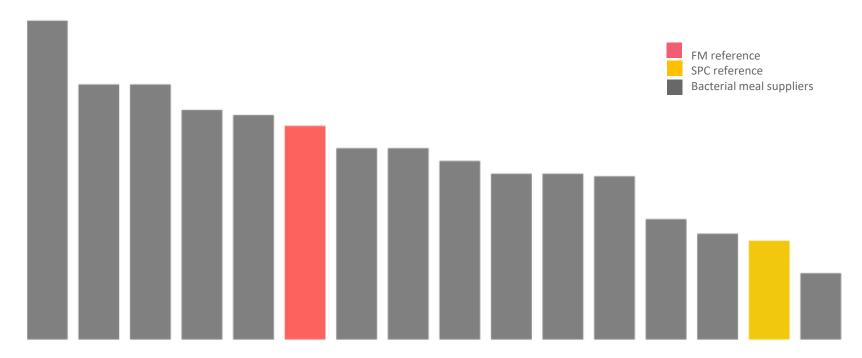


Bacterial protein



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Bacterial meal price estimates (USD/T)







The next generation feed for RAS

Less waste, lower risk, more fish

