

Know your fish



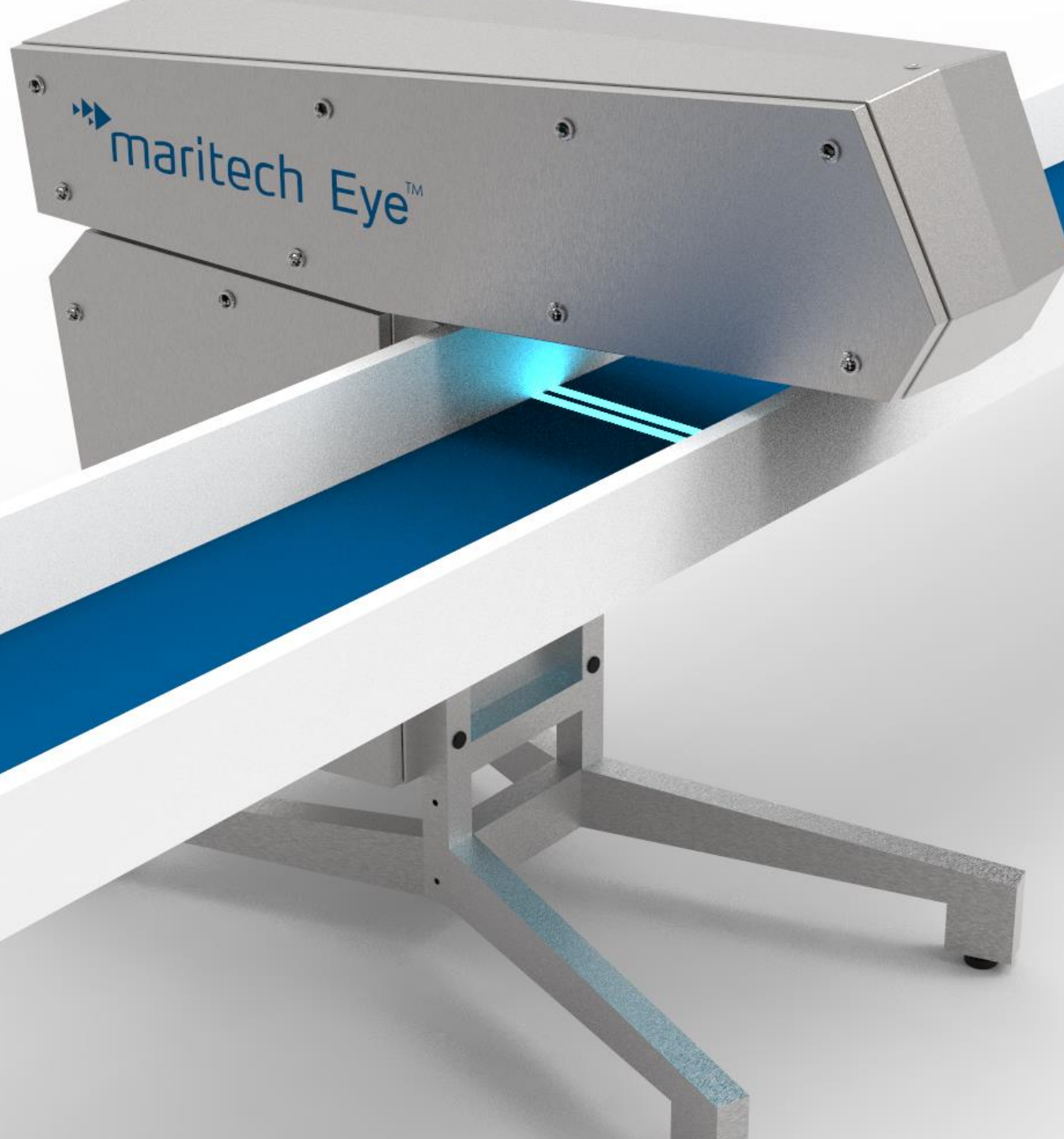
How can automated, objective quality control enable new competitive advantages?

Per Alfred Nordaune Holte - Maritech



HySpex
by neo

 Nofima



 maritech

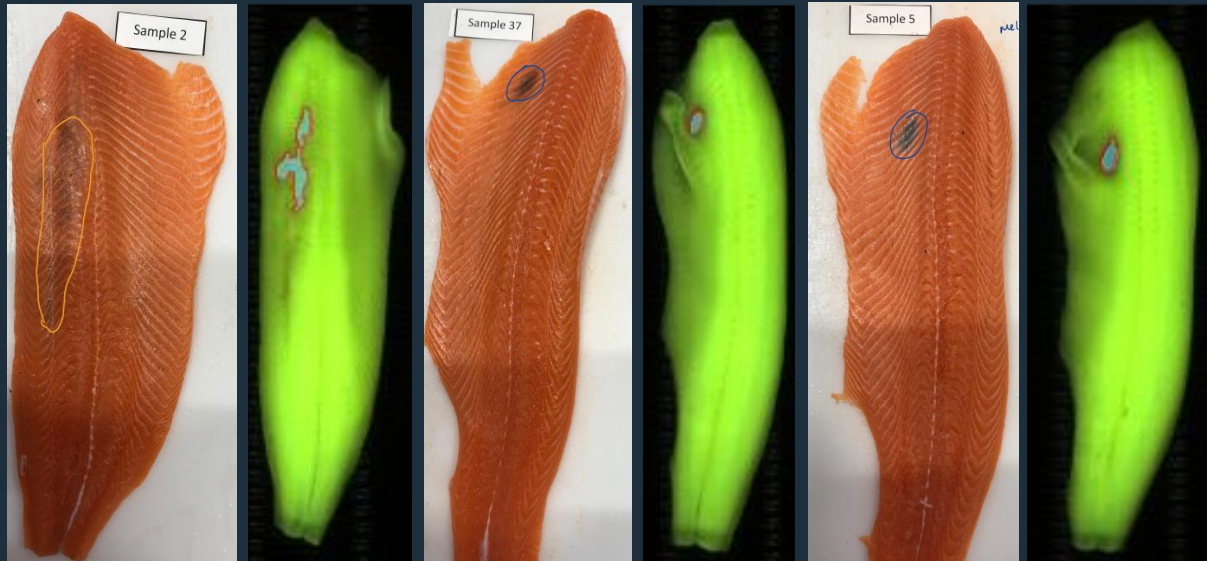
Blood spot classification



Competitive advantages

- Automated sorting and grading
- Automated trimming
- Claims reduction
- Big data insights on batch level
- Monitoring slaughtering process and handling

Melanin classification



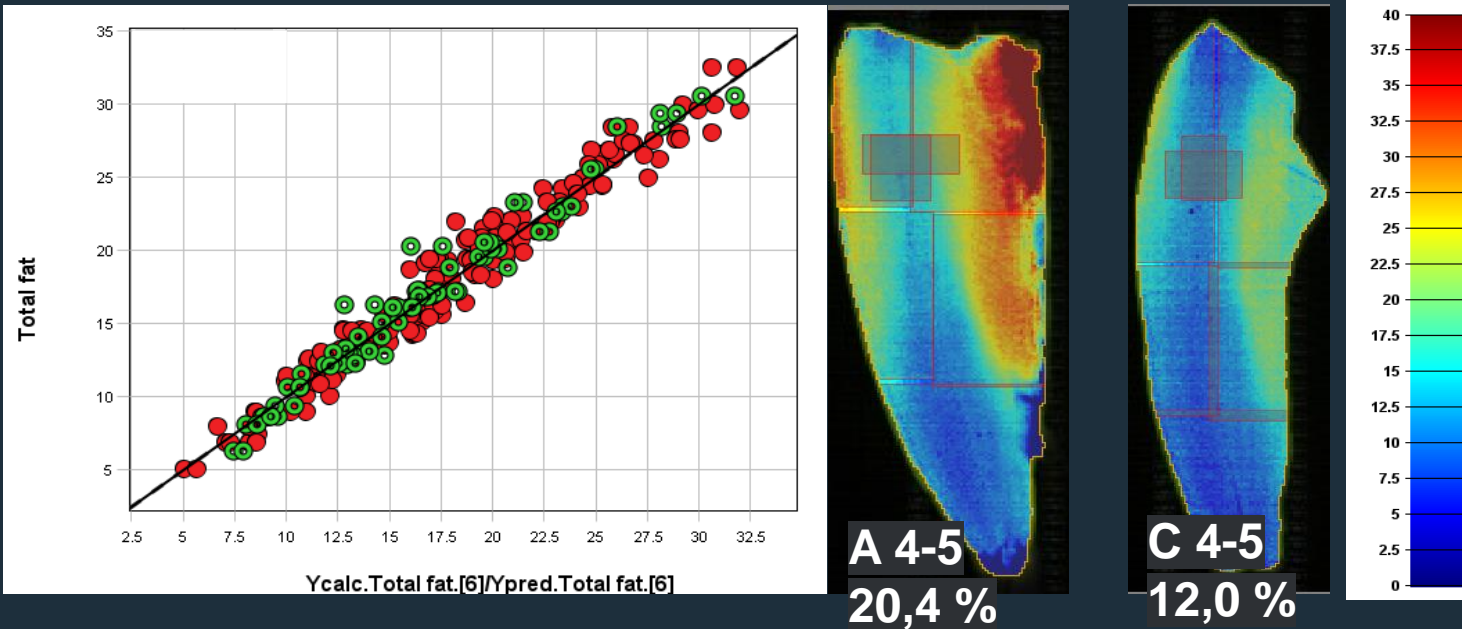
Competitive advantages

- Farming and feeding monitoring
- Research and improvement (multifactorial causes)
- Automated sorting and grading
- Claims reduction
- Big data insights on batch level

Fat % classification

Competitive advantages

- New market and client segmentation opportunities
- Big data insights on batch level
- Farming and feeding monitoring
- Automated sorting and grading



Other parameters

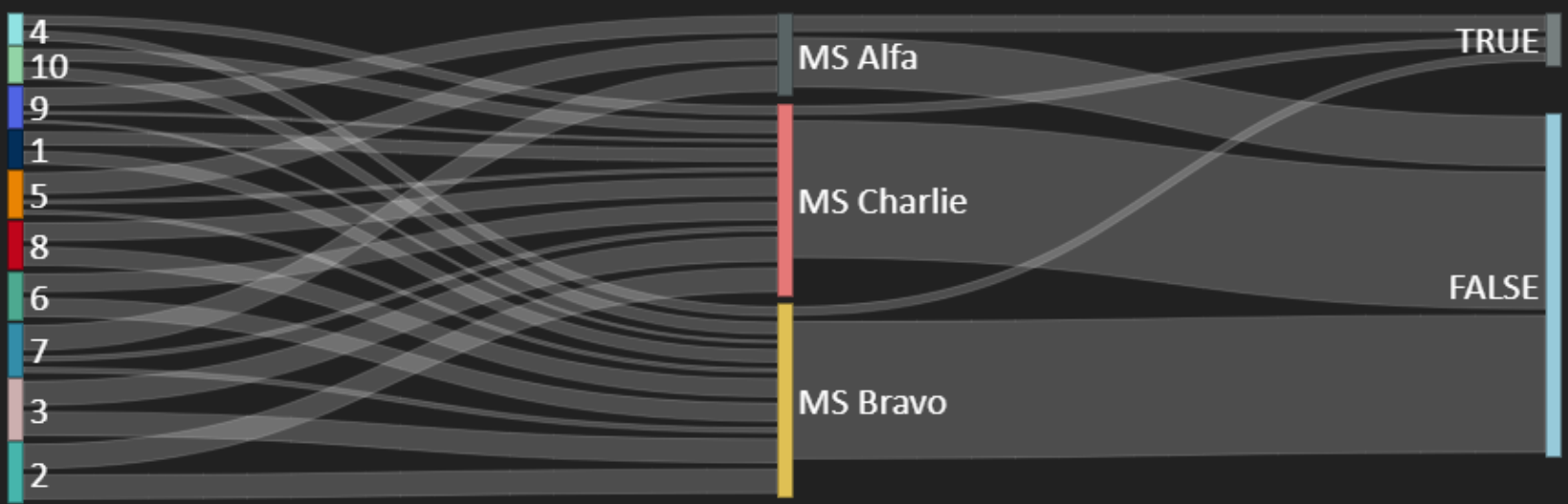
- Salmofan - pigmentation
- Length to width ratio
- Shape anomalies



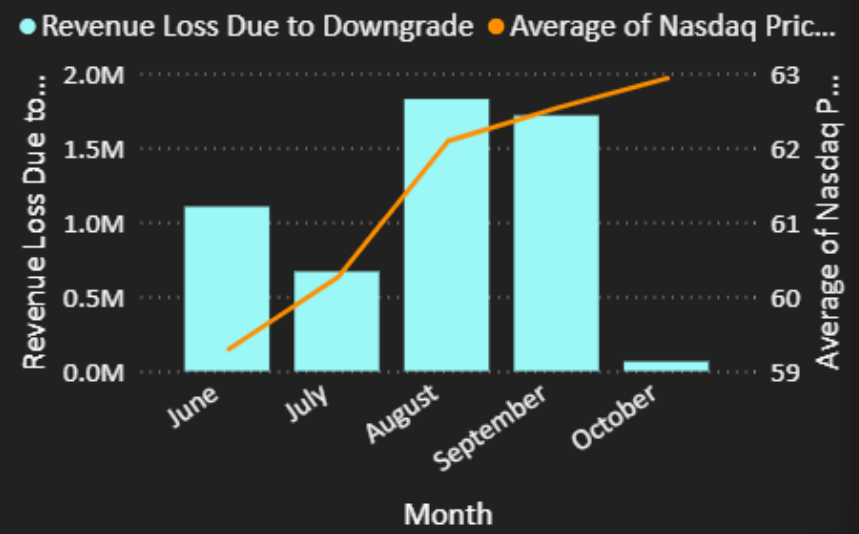
Year:
 Quarter:
 Month:
 Day:

02.06.2022 Start of Period
 03.10.2022 End of Period

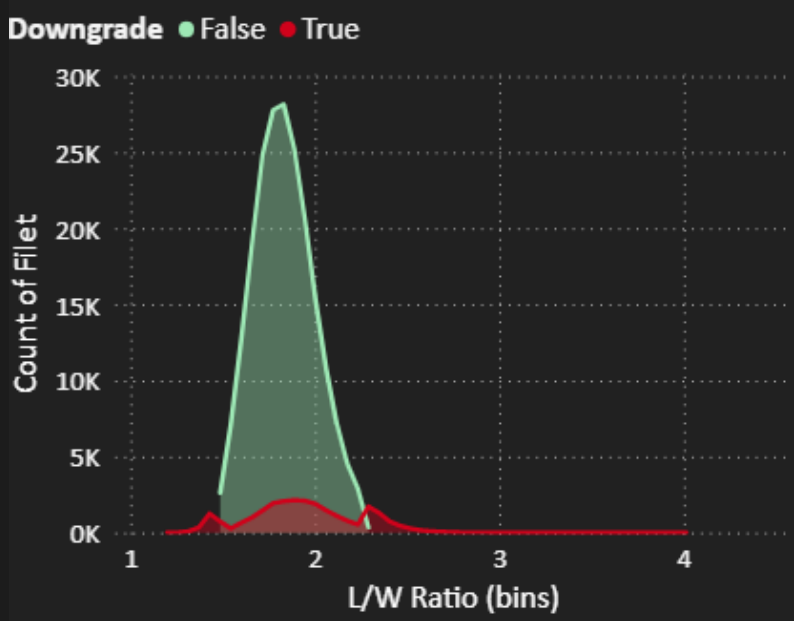
Batch - Well Boat - Downgrade



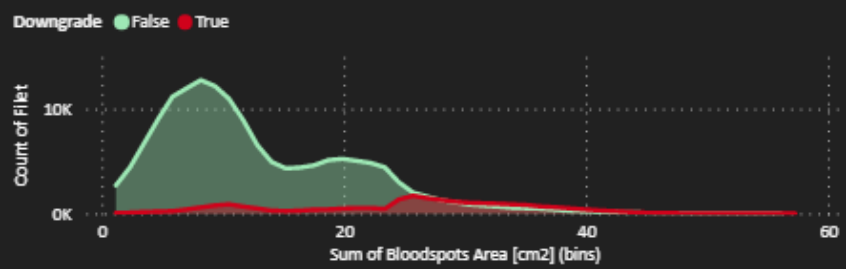
Lost Revenue Due to Downgrade by Month



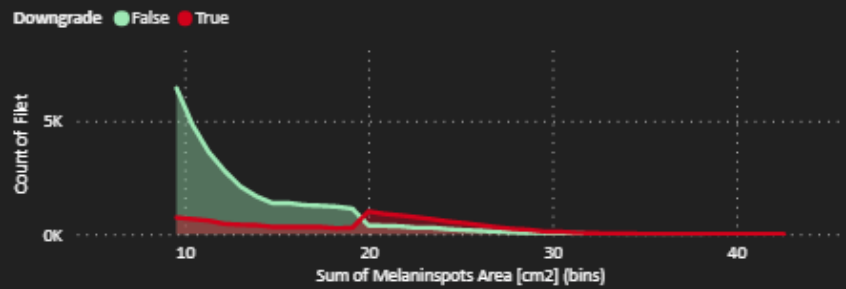
L/W Ratio and Downgrade



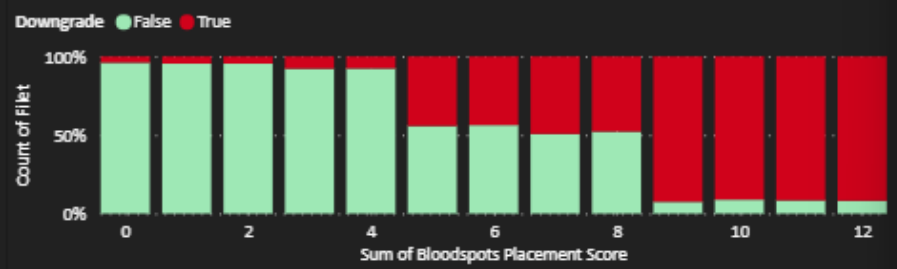
Bloodspots Area [cm2] (>0) and Downgrade



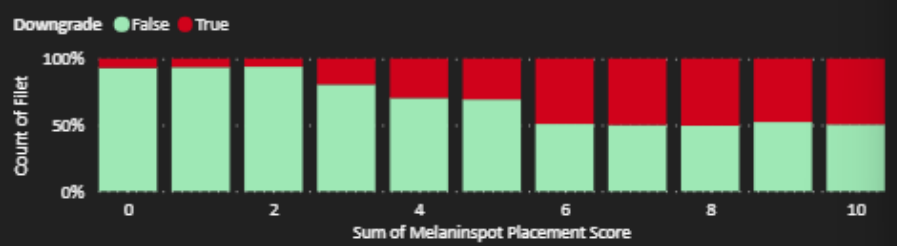
Melaninspot Area [cm2] (>0) and Downgrade



Sum of Bloodspots Placement Score and Downgrade



Sum of Melaninspot Placement Score and Downgrade



Year

Quarter

Month

Day

02.06.2022

03.10.2022

All

All

All

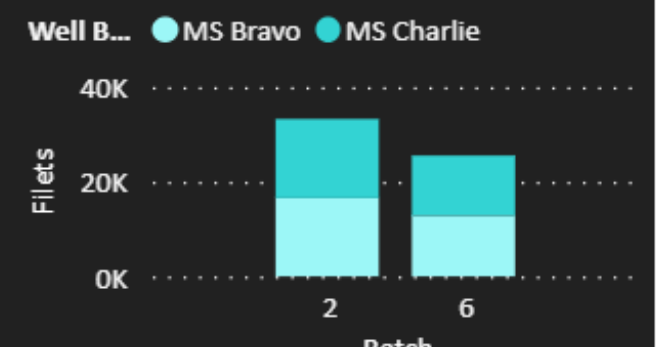
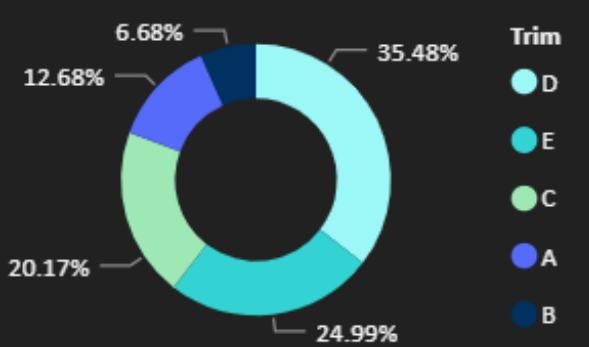
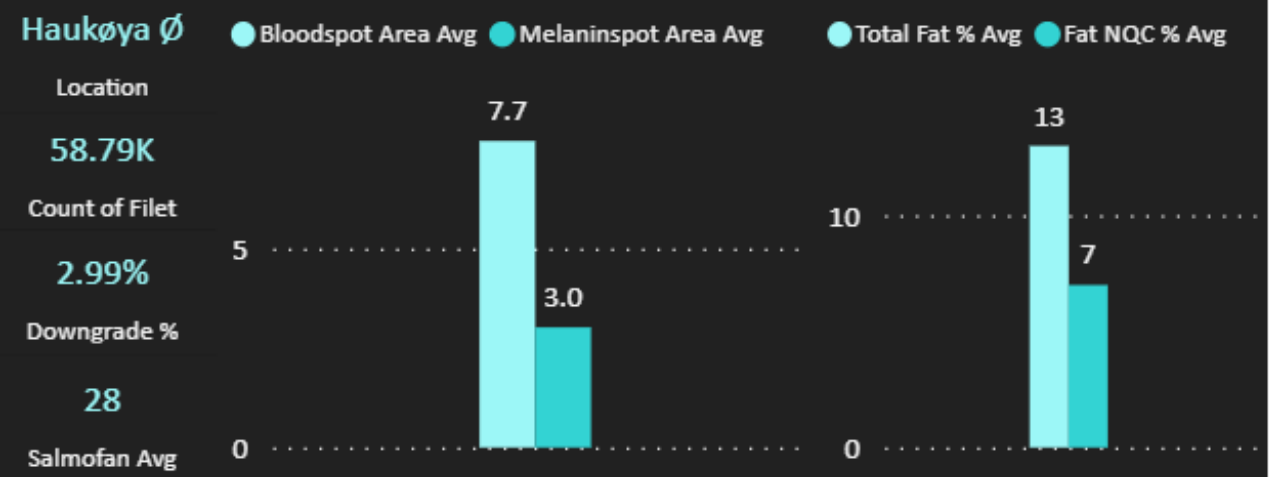
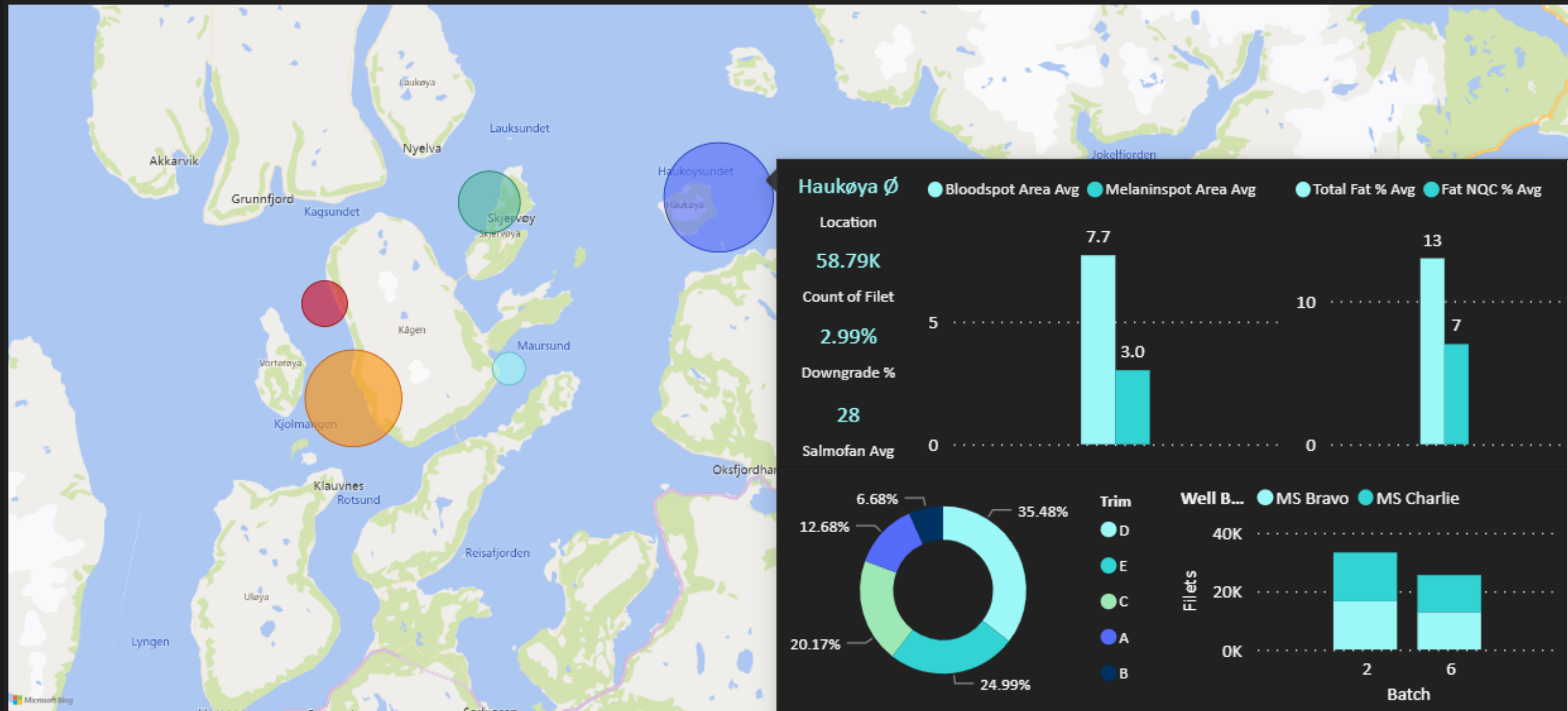
All

Start of Period

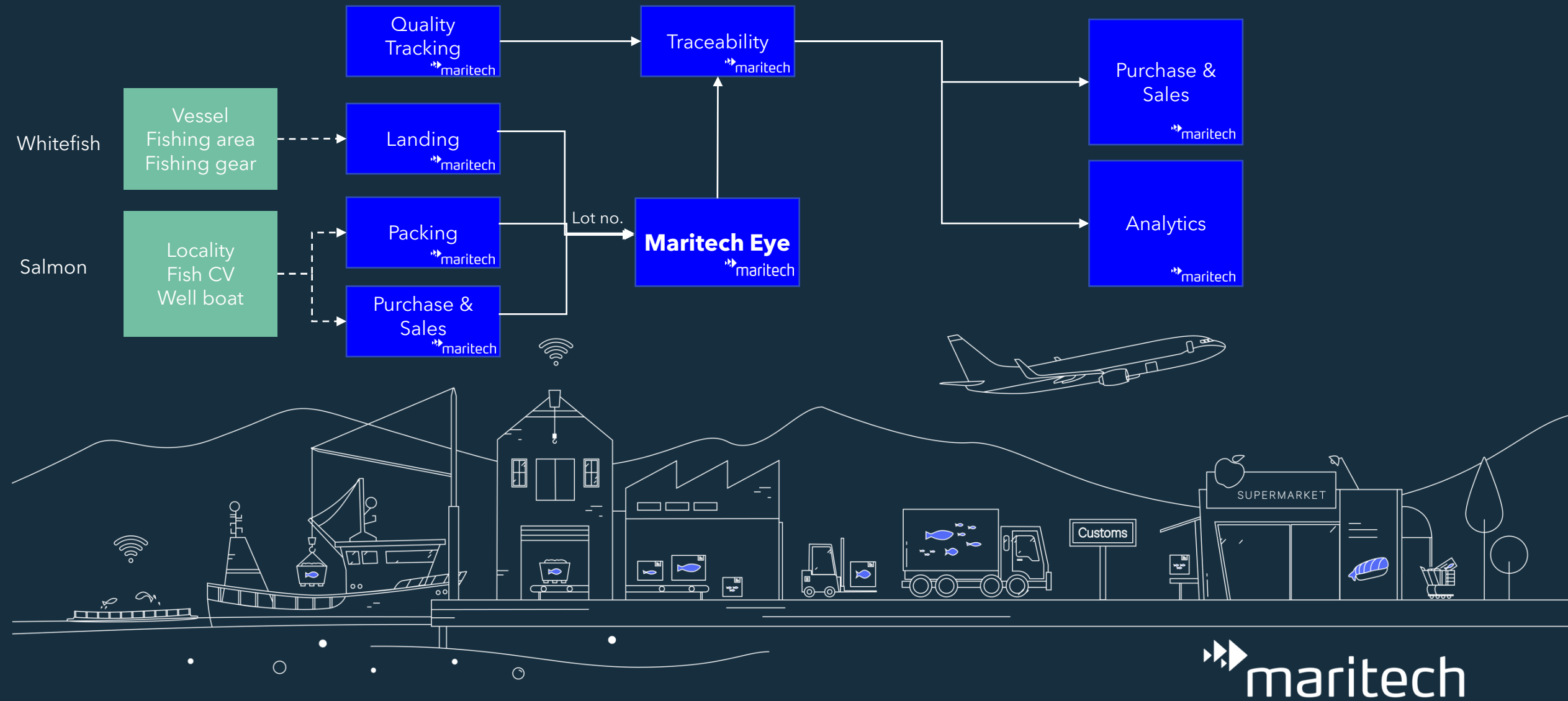
End of Period

Count of Filet by Location Name, Location Latitude and Location Longitude

Location Name ● Haukøya Ø ● Kågen ● Skarvestein ● Skjervøy V ● Skognes



Maritech Cloud Platform



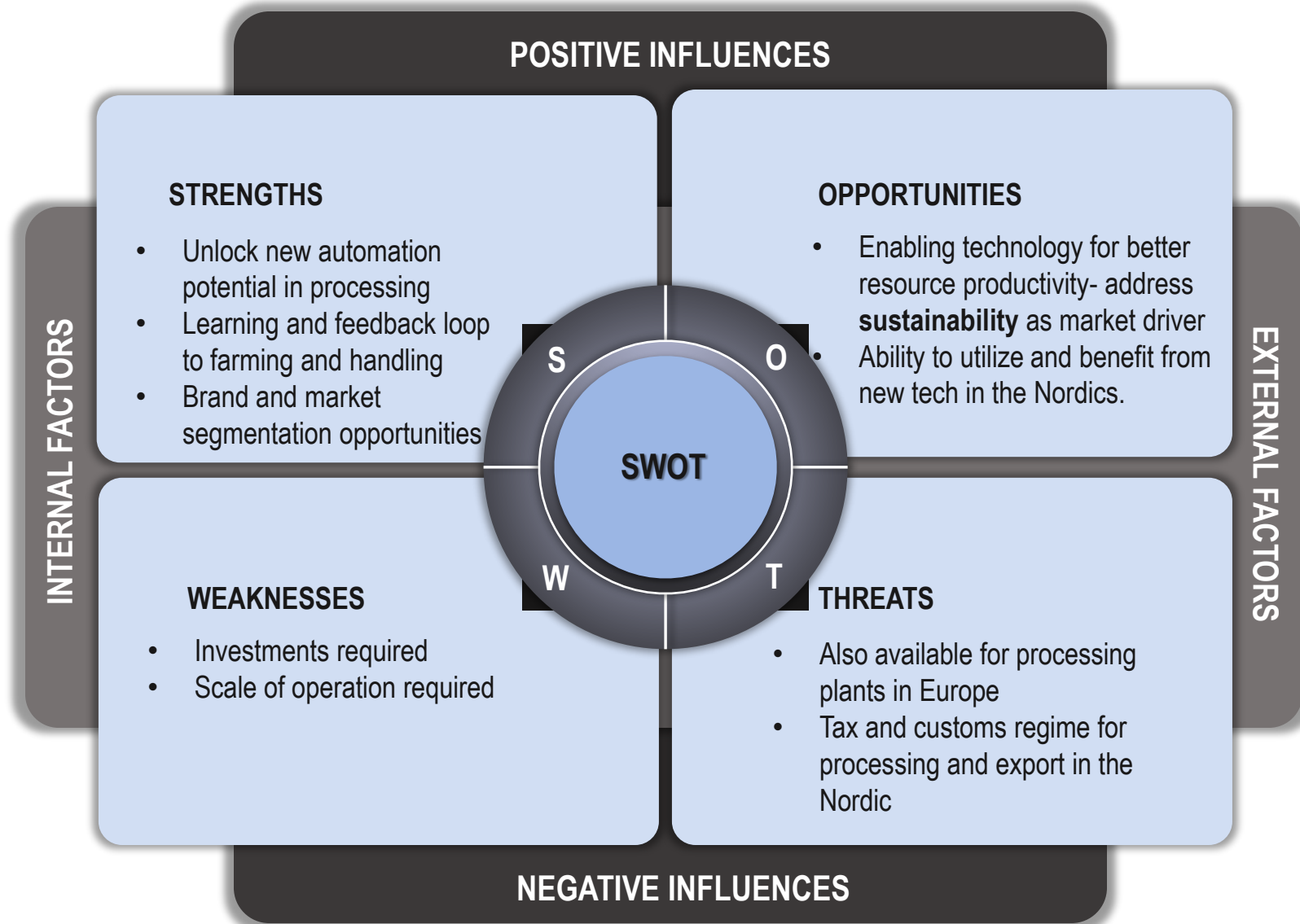


“For our business here in the UK and in particular the Mowi brand, this gives us the ability to pre-select fillets based on a specification to reduce the manual intervention of removing blemishes once the fillets have been sliced.

Furthermore, sorting by quality and providing objective information gives us the ability to allocate the material accordingly and allows us to utilize our resources more efficiently and effectively.”

Gary Paterson, Head of Operations, at Mowi UK





Enabling the digital transition in the seafood value chain



