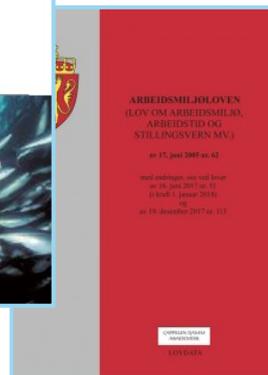
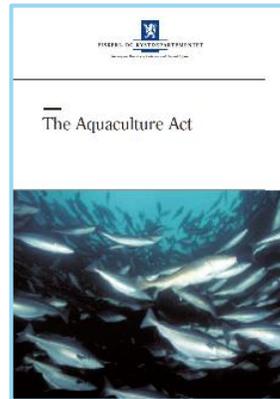


***Kvalitetsarbeid og tilhørende aktuelle standarder
- kort orientering og oppdatering***

v/Per Lyslo Kristiansen

05 November 2020

Standarder og lovverk





Sjømat og ledelsessystem

ASC Salmon, Global GAP, ASC CoC, MSC CoC, MSC Fisheries,
BRC, FSSC, ISO 22000, ISO 9001/14001/45001

Tekniske tjenester havbruk

Inspeksjon: Lokalitetsundersøkelse, Fortøyningsanalyse, Anleggssertifikat

Produktsertifisering: Notpose Flytekrage, Forflåte

Analyser: Bølger, Strøm, globalanalyse, notpose og flytekrage

Landbasert akvakultur: sertifisering av kar og slanger, rømningsteknisk rapport

Uavhengig sertifiseringsorgan – trygget til alle involverte parter



How are companies tackling enterprise risks? Viewpoint # 2, October 2020



Topic in focus

The second snapshot is of **business continuity**. The short survey was launched in September, results October 2020.

It involved 1,197 professionals in companies across different industries in Europe, North America, Central & South America, and Asia. Most companies are certified to a quality or EMS

The sample consists of customers of DNV GL – Business Assurance and does not claim to be statistically representative of companies worldwide.

The questionnaire was administered using the CAWI (Computer Assisted Web Interviewing) methodology.



How do you know...?

...if your organization is resilient enough to manage a crisis? Many do not know until they are hit. Events like a pandemic, natural disaster or economic instability can have a devastating impact on organizations that are not prepared.

It does not have to be this way. By implementing a business continuity framework and approach companies can manage, mitigate and thrive.



What did we ask?

- To what extent have companies implemented business continuity frameworks?
- Does COVID-19 influence companies to move?
- What benefits are achieved from having a business continuity management system?
- Are companies benefitting from implementation of any ISO standard during the COVID-19 pandemic?

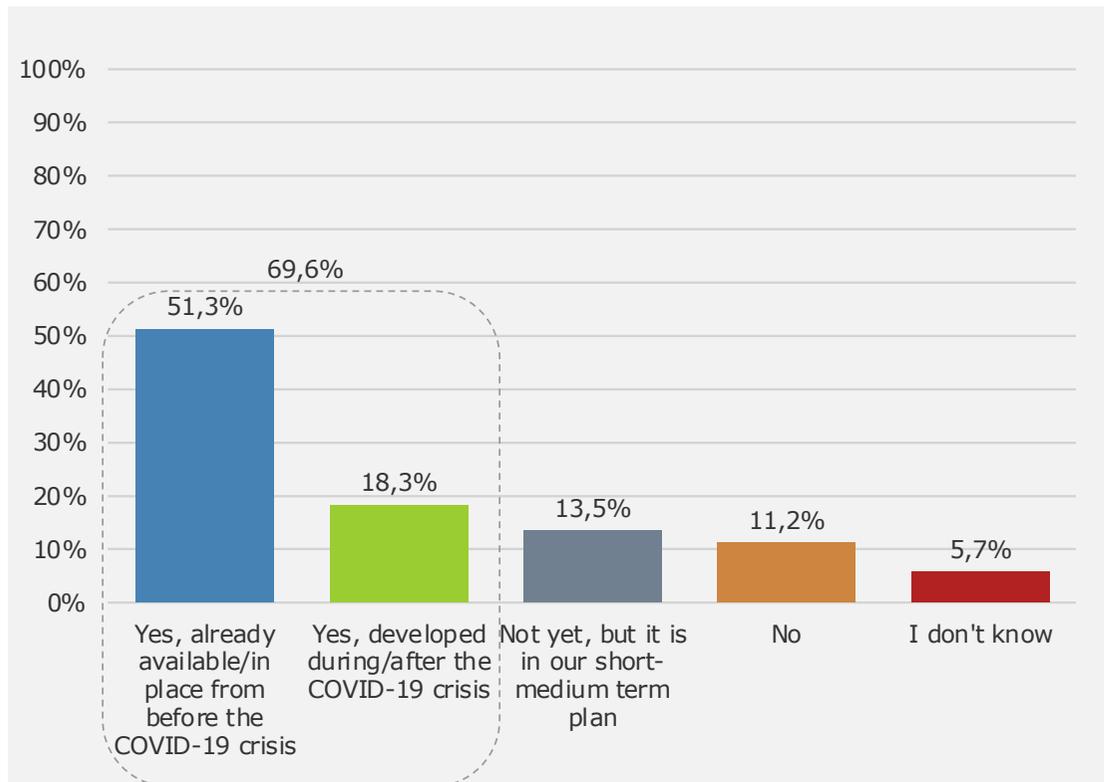


What did we find?

- A high number of companies are already quite advanced in their implementation of business continuity approaches.
- The COVID-19 pandemic has accelerated adoption of business continuity (BC) approaches among companies which had no or very limited BC processes in place.
- Companies leverage on their ISO management systems to respond.

Question 1 – Business Impact Analysis

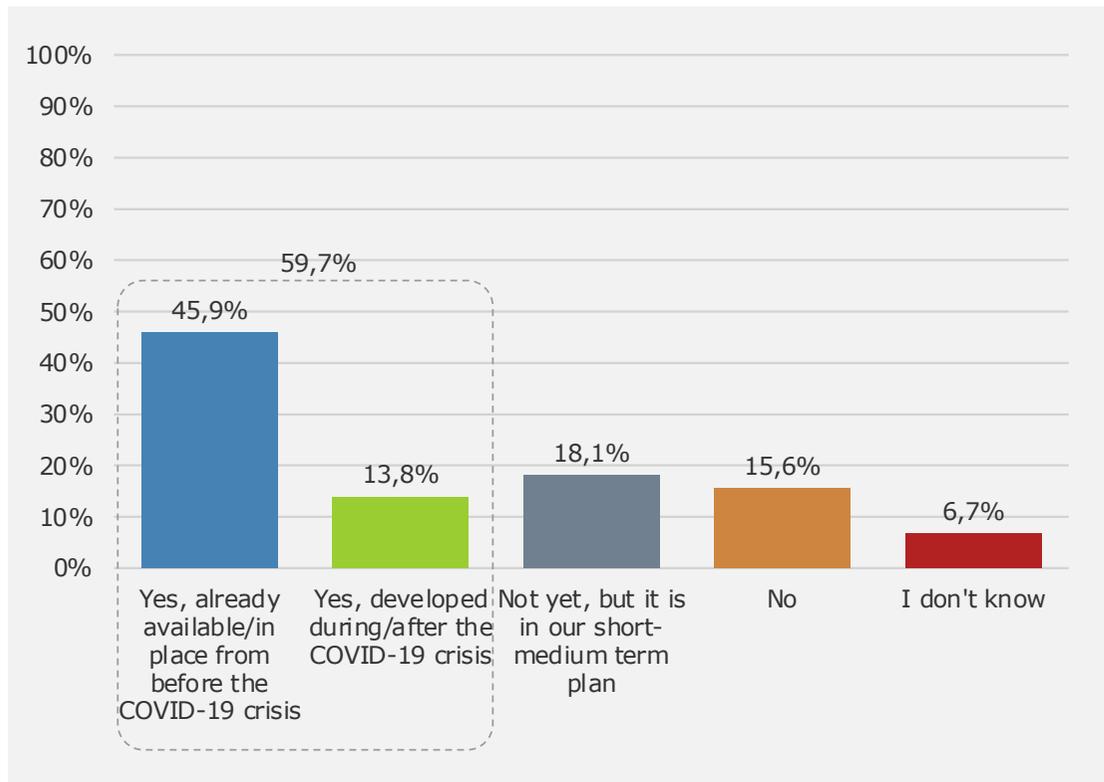
Does your company execute a Business Impact Analysis for analysing business impacts and determine priorities during a crisis (i.e. identify key businesses, key customers, key suppliers, key processes, etc.)?



- A significant number of companies (70%) have executed a Business Impact Analysis.
- Only 11% are certified to the business continuity management system standard ISO 22301. Still a large number of companies conduct Business Impact Analysis, indicating a certain level of maturity. This could in part stem from certification to other ISO standards as the common High Level Structure (HLS) requires analysis of the context of the organization and expectations from interested parties.
- It is positive to see that a consequence of the COVID-19 pandemic is that an additional 18% have implemented this analysis. If we also add those that have it in their short-medium term plan, then the percentage increases to 83%.
- Only 1 in 10 does not conduct a Business Impact Analysis.

Question 4 – Formal Business Continuity Plans

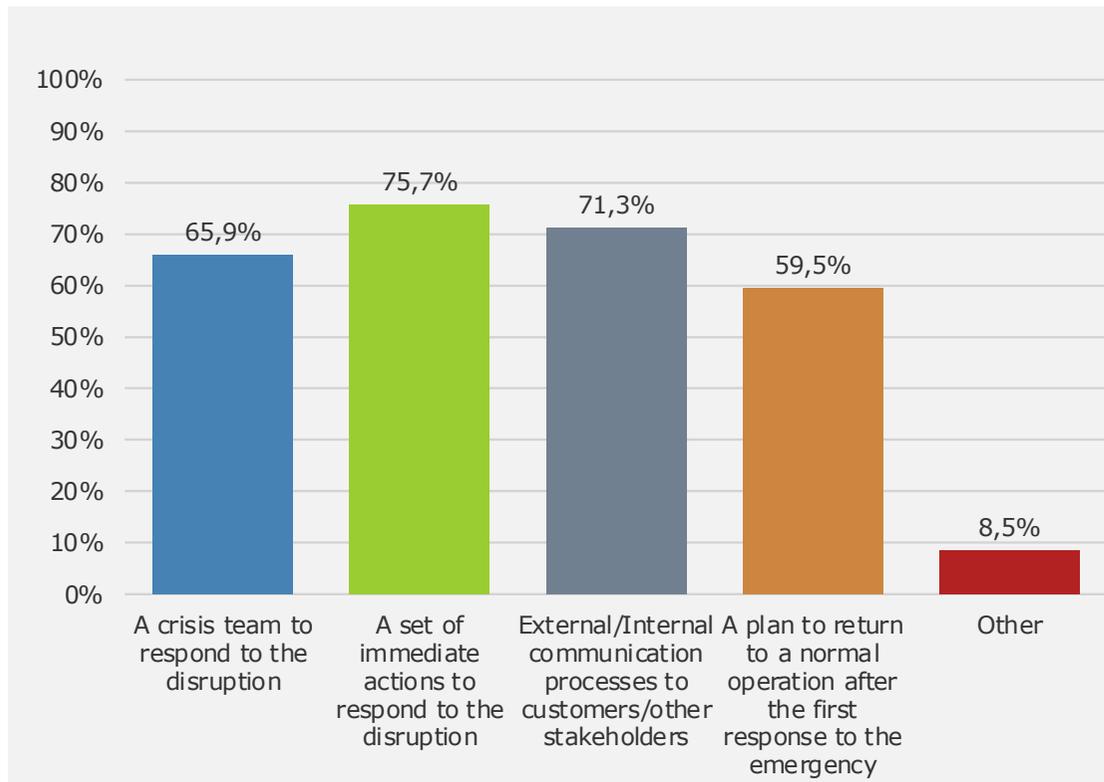
Does your company have formal/documented Business Continuity Plans addressing some specific disaster scenarios and activating specific business continuity strategies and solutions?



- A high number of companies have a formal business continuity plan in place (60%).
- Only 16% do not have or plan to develop documented Business Continuity Plans in the near future.
- If we analyse the respondents to see who have a more mature approach, we see that a significant number follow all the steps in the classic business continuity process (Q1 through Q4).

Question 5 – Business Continuity Plan contents

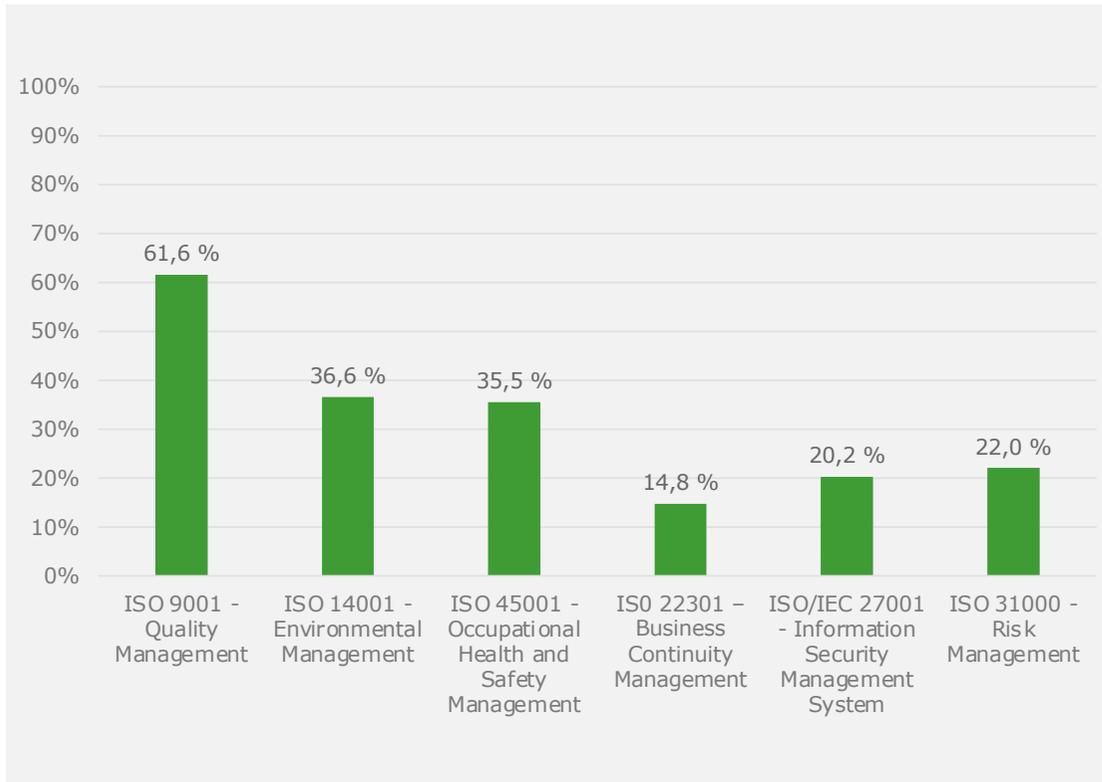
What does your Business Continuity Plan address?



- The alternatives listed are extracted from the management system standard on business continuity (ISO 22301).
- A high number of companies (66%) have a process in place to respond to a disruption, i.e. going beyond the first level of business continuity and addressing a crisis.
- A total of 76% have plans for immediate actions and 71% have communication processes in place.
- A total of 60% have plans for how to return to normal operations after the first response to an emergency.
- This indicates a level of maturity among a large number of companies that is beyond expectation.

Question 7 – Adoption of standards

Did your company benefit during this COVID-19 crisis from the adoption of the following standards in order to effectively respond to needs/expectations of your stakeholders:



- A quality management system compliant to ISO 9001 has worked for 6 in 10 as a framework to effectively responding during the pandemic.
- Having an ISO 14001 (environmental) or an ISO 45001 (occupational health & safety) management system seems to benefit more than 1 in 3 for each of them.
- **The numbers above indicate that the role of a management system based on an ISO standard can be beneficial to support a company's response during a crisis.**

Note:

- The percentage distribution among the different standards is influenced by ratio of adoption by companies in the sample. A significant number of companies are certified to ISO 9001 compared to the other standards, for example.

Question 8 – Benefits from a business continuity management system

Based on your experience and perception, please rate the relevance of benefits achieved from certification of your company's business continuity management system.



- The top-3 benefits from implementing a business continuity management system are:
 1. Effectiveness in meeting customer's needs and satisfaction
 2. Improved business continuity performance
 3. Improved identification and management of risks.
- These are closely followed by top management commitment as well as the ability to meet legal requirements and achievement of strategic objectives.

Leverandørkjeden - utfordringer

- Bærekraft et premiss for samarbeid. Bærekraft og styring et premiss for investering
 - Krav til kvalitet, miljøhensyn, arbeidsforhold
 - Ressurs, utstyr og råvare tilgang
 - Opplevd nedstengning, lock-down og karantene (eks. tilgang på kompetanse, ansatte, transport)
 - Tydeligere kravstilling fra produsent til leverandør
 - Oppfølging/revisjon hyppigere. (self assessment, leverandørrevisjon, 2. part , 3 part revisjon)
 - Utfordringer med reise og kontroll.
-
- Mye løses av operativ driftig ledelse. Forbedringer via systemtankegang, ledelse og god styring.
 - Krav til kvalitet, miljøhensyn, arbeidsforhold

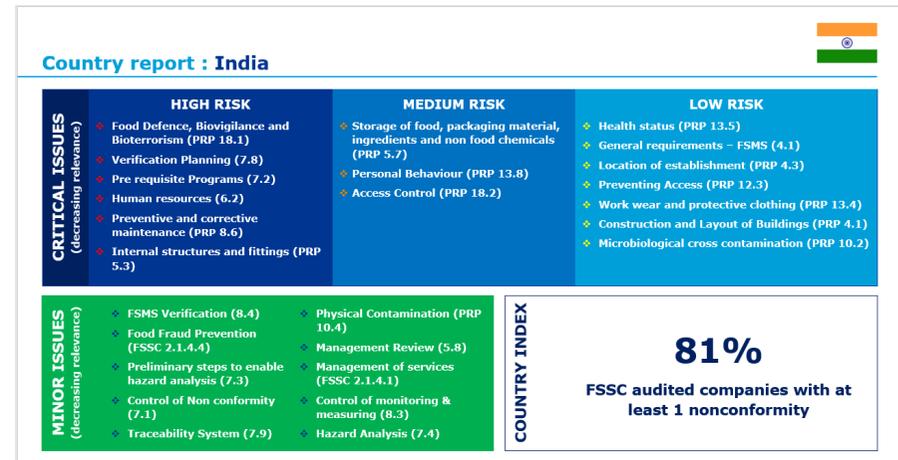
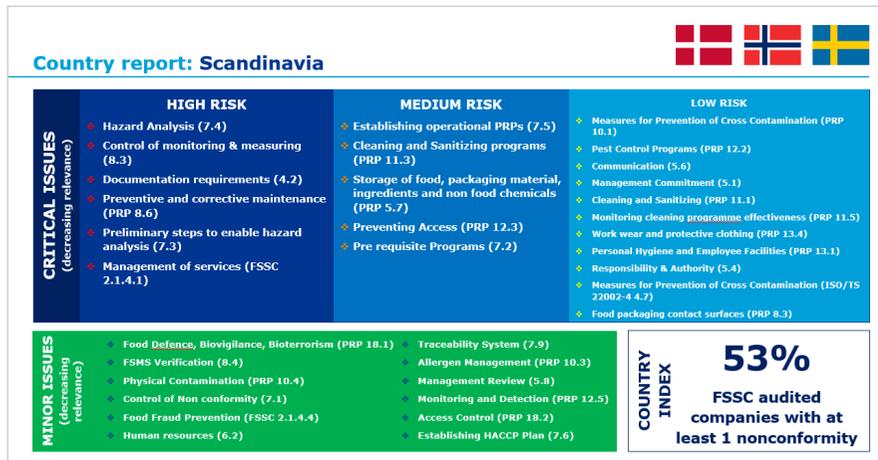
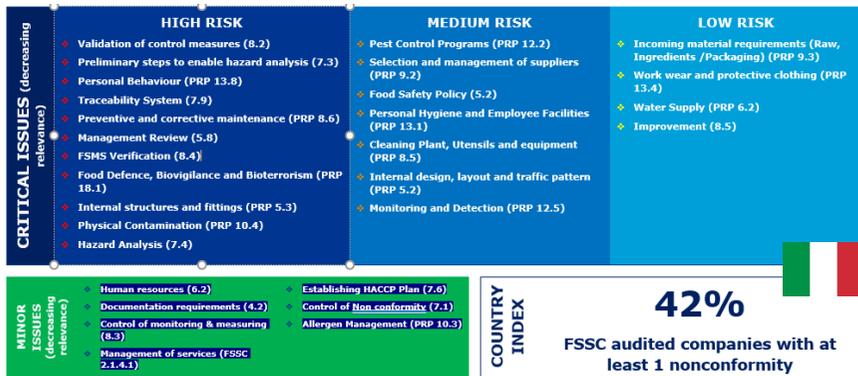
Leverandørkjeden - Lumina analyse, Eks FSSC - B2B - profil

CRITICAL ISSUES (decreasing relevance)	HIGH RISK	MEDIUM RISK	LOW RISK
	<ul style="list-style-type: none"> ❖ Validation of control measures (8.2) ❖ Preliminary steps to enable hazard analysis (7.3) ❖ Personal Behaviour (PRP 13.8) ❖ Traceability System (7.9) ❖ Preventive and corrective maintenance (PRP 8.6) ❖ Management Review (5.8) ❖ FSMS Verification (8.4) ❖ Food Defence, Biovigilance and Bioterrorism (PRP 18.1) ❖ Internal structures and fittings (PRP 5.3) ❖ Physical Contamination (PRP 10.4) ❖ Hazard Analysis (7.4) 	<ul style="list-style-type: none"> ❖ Pest Control Programs (PRP 12.2) ❖ Selection and management of suppliers (PRP 9.2) ❖ Food Safety Policy (5.2) ❖ Personal Hygiene and Employee Facilities (PRP 13.1) ❖ Cleaning Plant, Utensils and equipment (PRP 8.5) ❖ Internal design, layout and traffic pattern (PRP 5.2) ❖ Monitoring and Detection (PRP 12.5) 	<ul style="list-style-type: none"> ❖ Incoming material requirements (Raw, Ingredients /Packaging) (PRP 9.3) ❖ Work wear and protective clothing (PRP 13.4) ❖ Water Supply (PRP 6.2) ❖ Improvement (8.5)



<h2 style="margin: 0;">70,000</h2> <p style="font-size: small; margin: 0;">DNV GL Business Assurance has a customer portfolio with more than 70K customers worldwide, well distributed in all industry sectors and company size</p>	<h2 style="margin: 0;">50,000</h2> <p style="font-size: small; margin: 0;">We perform more than 50K audits yearly through our 2000+ experts worldwide</p>	<h2 style="margin: 0;">2 mill.</h2> <p style="font-size: small; margin: 0;">Up to now, our database counts more than 2 million findings used by Lumina for our analysis</p>	<h2 style="margin: 0;">300,000</h2> <p style="font-size: small; margin: 0;">This database increases by 300K records yearly</p>
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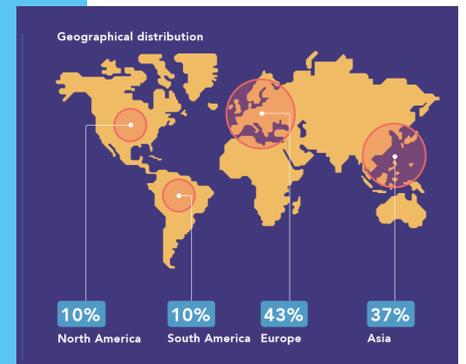
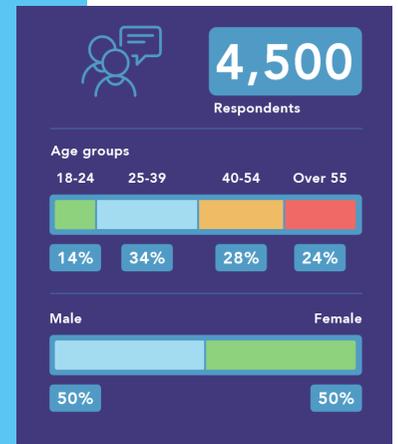
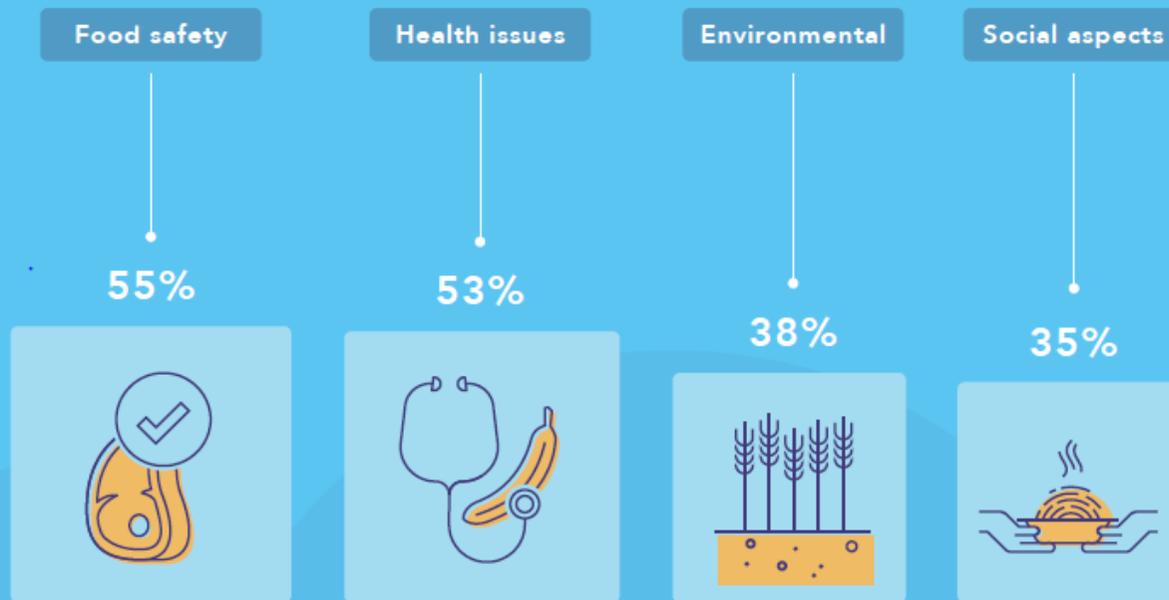
Leverandørkjeden - Lumina analyse . Eks FSSC Country Report



What matters to consumers when buying food ?

Direct individual impact concerns people most

Consumers would primarily welcome more information on food safety and health-related issues.



▪ The survey was conducted in March 2020. The survey was sent to consumers distributed by external partner Toluna's consumer panel.

Consumer concerns when it comes to food products

The main issues on which consumers would welcome more information and transparency.

Health issues



Product content clearly indicated **65%**

Food safety secured from farm to fork 63%

Proper hygiene to prevent contamination 59%

Environmental



Sustainable packaging/reducing plastic **68%**

Organic ingredients/reduce pesticides 58%

Reducing greenhouse gas emissions 51%

Social aspects



Reducing food waste **61%**

Healthy working conditions 56%

Human rights 56%

Other sustainability issues



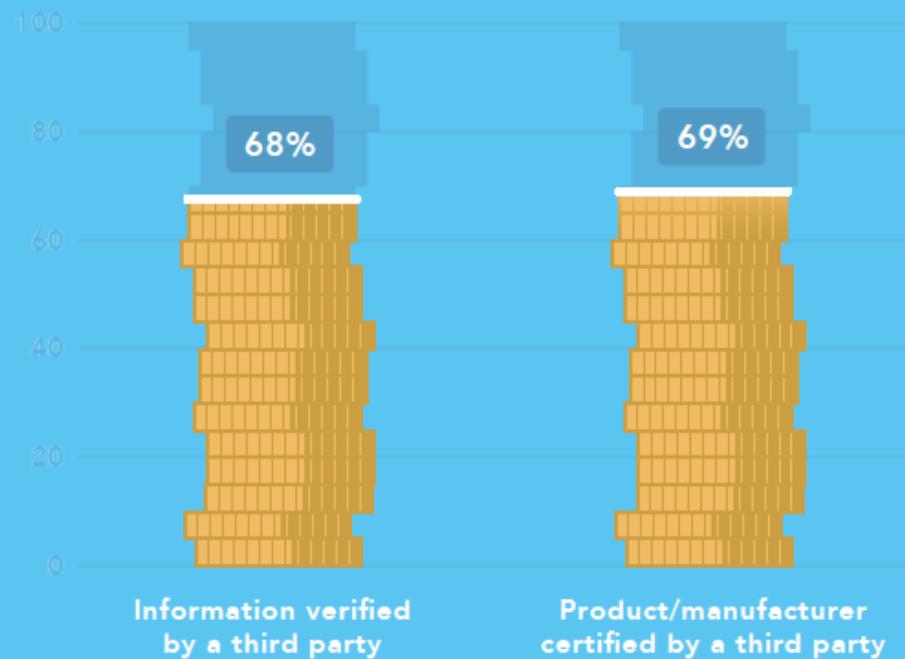
Origin of the product/ingredients **64%**

Respect for animal welfare 53%

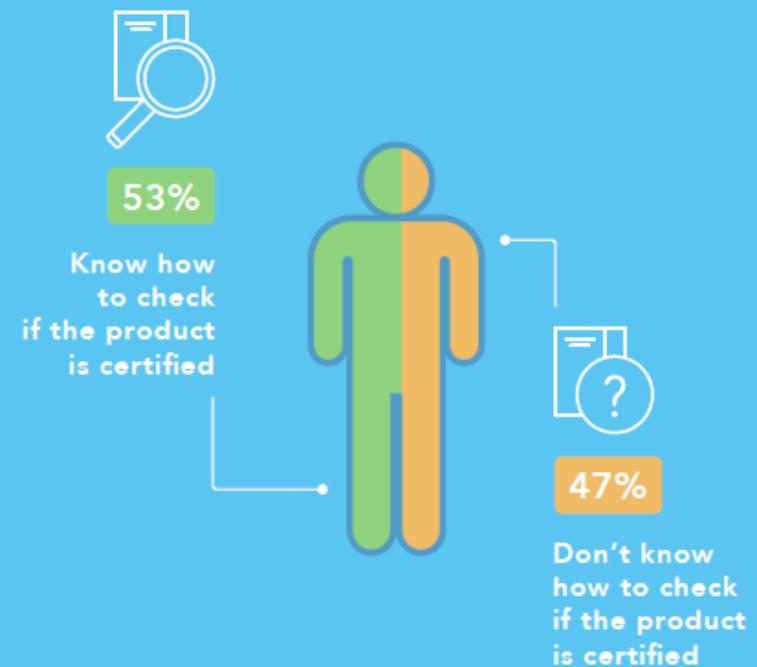
Total carbon footprint specified 44%

Communication key to capture value from independent verification and certification

Consumers who would pay more for products with verified information or certification to quality or food safety.



1 in 2 consumers do not know how to check if the product or manufacturer is certified.



DNV GL mener ..

- Økt fokus på risikostyring
- Klasseregime for offshore installasjoner.
- Effektivisering av tilsynsordningen
- Økt HMS fokus -
- Økt transparens og sporing - myndighet/kunde/forbruker forventning
- Dataintensivitet - men gode
- Grønne lån og grønne obligasjoner - øker i aktualitet

- Bærekraft, start med enkle mål/tiltak, legg til rutiner / prosedyrer i eksisterende systemer
- Interesse fra utland
 - Produktsertifiseringer og regelverk
 - Leverandørrev av norske produsenter



DNV GL har utviklet et eget rammeverk for verifikasjon og sertifisering av havmerden Ocean Farm og utført tredjeparts verifikasjon av designet, tilsyn under forriggfasen og sertifisering av havmerden, inkludert transport og installasjon. I tillegg har også Salmar/Ocean Farm sertifisering i henhold til ASC Salmon Standard - høst 2020. Foto: SalMar.

Økt fokus på sertifisering og forbedringer:

DNV GL mener

havbruksnæringen er mer moden

DNV GL opplever at havbruksnæringen har økt fokus på sertifisering, risikovurdering, HMS og sertifiseringsdirektøren i DNV GL mener det er en næring som er modnet mer.

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