

DNV·GL

BUSINESS ASSURANCE

GLOBALG.A.P. Aquaculture

DNV GL : Certification on the aquaculture sector

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DNV GL – Business Assurance

We are a global classification, certification, technical assurance company

OUR PURPOSE

**TO SAFEGUARD
LIFE, PROPERTY
AND THE ENVIRONMENT**



Global reach – local competence



150
years

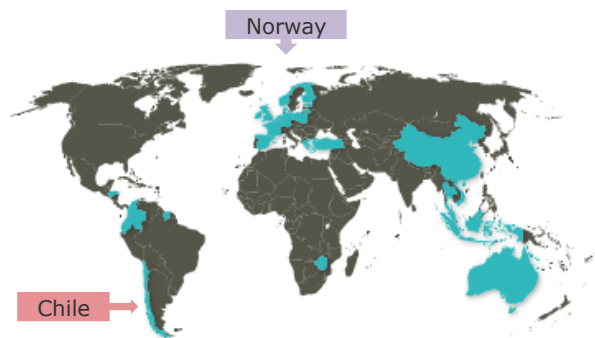
400
offices

100
countries

16,000
employees

GLOBALG.A.P. AQUACULTURE – OUR EXPERIENCE

DNV GL is involved in Aquaculture certification since 2008, collecting experience in auditing 7 different species of aquaculture products in 7 different Countries.



The most significant certified specie
for us is SALMON
farmed in Norway and Chile.



GLOBALG.A.P. AQUACULTURE – OUR EXPERIENCE

3 Sensitive aspects influencing the Certification Process.

Option of certification	Option 1 Simple, Multisite and Multisite with QMS is the only request done to DNV GL for Aqua certification.	The concept of group and aggregation is not developed in Aquaculture as in Crops. Multisite with clear separation of operation is a normal status for Aquaculture farms. In aquaculture the aggregation of independent farms under the same ownership (ex: rental of the site under same company) is more common than aggregation of independent farmers.
Parallel Production	Parallel production is a very common option taken in Aquaculture certification	Norway: PP usually applied by large farms because of reduced availability of certified seedlings and feed. In DNV GL experience : about 25% of certified farms apply PP
	With exclusion to initial certification pilots carried out by large multisite companies, the decision to apply for PP may have different origin:	Chile: in addition to reduced availability, the use of sub-contractors for production of seedling is very common. In DNV GL experience: about 50% of certified farms apply PP.
Sub-contractors	Sub-contractors are used for outsourcing of critical production processes	Norway: Post Harvest Handling and processing can be sub-contracted to another Company Chile: the subcontracting of juveniles stages of growth is quite common.

GLOBALG.A.P. AQUACULTURE – OUR EXPERIENCE

3 Sensitive improvements found in GLOBAL.G.A.P. certified Aquaculture Farms

Risk based farming approach	The use of a systematic approach for the assessment , identification and prevention of hazards as from many different sections of the standard. Building of awareness and commitment.	The implementation of a risk based methodology has introduced a more critical approach at level of company management, in order to identify and manage potential hazards by use of a more structured approach.
Working environment and infrastructures	Health and safety of operators and safety of productions	Awareness about welfare of the operators, including improvement of protective equipment and training for use of hazardous materials and equipment. Infrastructures appropriate for production of food.
Traceability of products, materials and records	The origin and history of the products is in focus and documented. It is possible to complete and document a mass balance	All production activities are traceable and linked to production batches. Records can be assessed for quality, safety or legal purposes. Transparency on veterinary plan and medical treatments to batches of products. Tools for product recall.



Thank You For Your Attention!

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SAFER, SMARTER, GREENER

