



# GLOBALG.A.P.

10th November 2015

GLOBALG.A.P. and Friend of the Sea  
Aquaculture Certification Collaboration

2nd Sustainable Seafood  
ONE TO ONE MEETING  
Bangkok

## Who we are ?

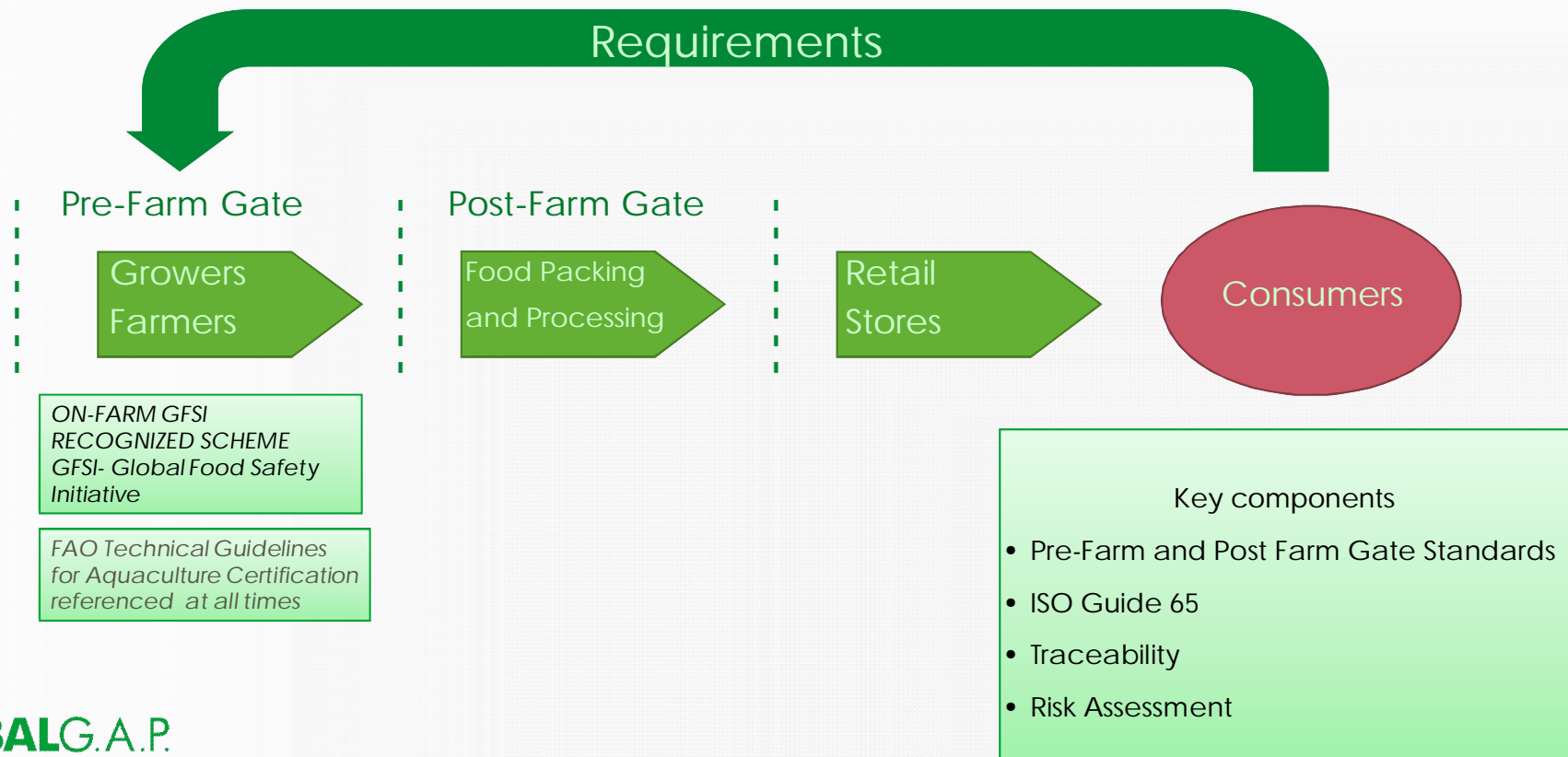
GLOBALG.A.P.'s roots began in 1997 as EUREPGAP, an initiative by retailers belonging to the Euro-Retailer Produce Working Group.

System provider of set of standards, primarily designed to reassure consumers about *how food is produced on the farm*.

*3<sup>rd</sup> Party Accredited Certification System operating world wide on a B2B level.*

# GLOBALG.A.P.

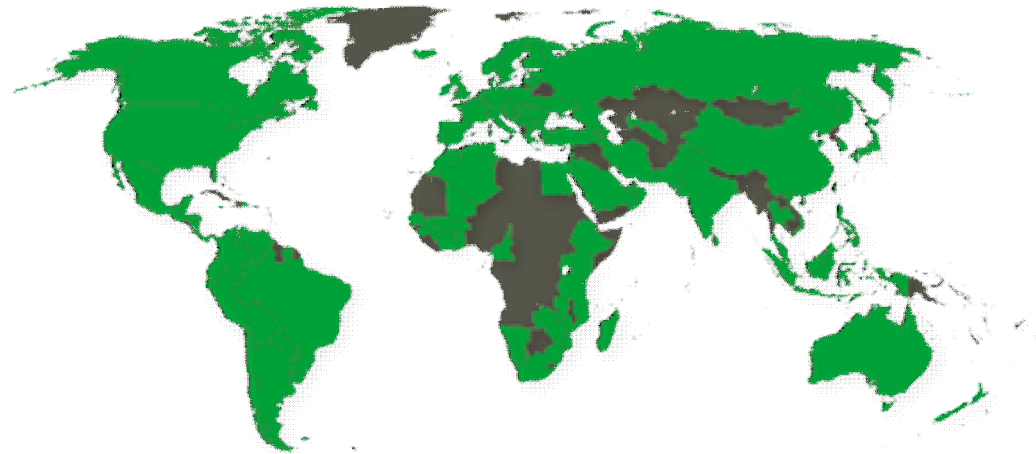
## WHO WE ARE ?



# GLOBALG.A.P. WHO WE ARE ?



GLOBALG.A.P.  
CERTIFICATION  
WORLDWIDE



**37** standards and programs, more than **155,000** producers under certification in **119** countries, **48** National Technical Working Groups, **36** accreditation bodies, **145** certification bodies, more than **1,000** inspectors, more than **700** auditors

**GLOBALG.A.P.**  
The Global Partnership for Safe and Sustainable Agriculture

*Updated June 2015*



# GLOBALG.A.P.

## WHO WE ARE ?



# GLOBALG.A.P. Members

## Retail and Food Service



**GLOBALG.A.P.**  
The Global Partnership for Safe and Sustainable Agriculture

# GLOBALG.A.P. Producer/Supplier Members



Updated January 2015 | [www.globalgap.org](http://www.globalgap.org)



## GLOBALG.A.P. Producer/Supplier Members



Updated January 2015 | [www.globalgap.org](http://www.globalgap.org)



# GLOBALG.A.P. Associate Members (CBs, Consultants, Industry)



Updated January 2015 | [www.globalgap.org](http://www.globalgap.org)

# GLOBALG.A.P. Board



**Guy Callebaut**  
*Chairman*

VBT/BelOrta  
Belgium  
Supplier / Crops



**Martin Hofstede**

CLAMA GMBH & CO.  
KG  
Germany  
Supplier /  
Aquaculture



**Jim Jefcoate**  
*Vice-Chairman*

IPL / Asda / Walmart  
United Kingdom  
Retailer



**Dr. Horst Lang**

Globus SB  
Warenhaus Holding  
GmbH & CO. KG  
Germany  
Retailer



**Leon Mol**

Royal Ahold  
Netherlands  
Retailer



**Hugh Mowat**

Morrisons  
Supermarket PLC  
United Kingdom  
Retailer



**Guido  
Siebenmorgen**

REWE Group  
Germany  
Retailer



**Bert Urlings**

VION Food Group  
Netherlands  
Supplier / Livestock



**Richard Yudin**

Fyffes  
United Kingdom  
Supplier / Crops



**Mari Carmen  
Morales Abad**

Anecoop S.Coop.  
Spain  
Supplier / Crops

# GLOBALG.A.P. Aquaculture Technical Committee

## *New elections taking place Nov2015*



### RETAILERS

- Morrisons Supermarkets Plc, United Kingdom, Huw Thomas - *Vice chairman*
- ALDI Süd, Germany, Julia Adou
- ASDA, United Kingdom, Charlotte Kent
- Carrefour, France, Stephanie Mathey
- El Corte Inglés, Spain, Delia García Gómez
- Jumbo Supermarkets, The Netherlands, Anne-Corine Vlaardingerbroek
- REWE, Germany, Tjark Goerges
- Sainsburys, United Kingdom, Ally Dingwall
- Tesco, United Kingdom, Charlotte Maddocks

### SUPPLIERS

- Heiploeg International BV (Member of PP Group), The Netherlands, Mark Nijhof - *Chairman*
- A. Espersen, Denmark, Alex Olsen
- Aqualife Services Ltd, United Kingdom, Philip Brown
- Havsbrún, Faroe Islands, Hjordis F. Gregersen
- Icelandic Seachill, United Kingdom, Simon Derrick
- Marine Harvest, Norway, Randi Norstoga Haldorsen
- MERK Animal Health: Aquaculture, United Kingdom, Robin Wardle
- Scottish Sea Farms, Scotland, John Barrington
- Skretting/Nutreco, Norway, Trygve Berg Lea
- Young's Seafood, United Kingdom, Ian Michie



Is aquaculture production sustainable ?

Aquaculture supply is a real need worldwide,  
and all stakeholders involved have the commitment to achieve  
sustainable aquaculture production processes  
with appropriate communication to consumers  
to justify the price behind.



Production process shall cover all hot spots in the following aspects:  
food safety, animal welfare, workers welfare, environment

To

→ Assure trust from buyers

→ Gain confidence from consumers

*3<sup>rd</sup> Party Accredited Certification Systems: support for this target*



Higher prices when compared to wild seafood

→ high production costs

→ suppliers need communication to consumers to justify this higher price:

One market option:

GLOBALG.A.P. Aquaculture certification + Friend of the Sea label

**BY FAR THE MAIN AQUACULTURE CERTIFICATION PROGRAMS GLOBALLY**

Non exclusive Collaboration Agreement signed in August 2014

# North Atlantic Seafood Forum blog:



Wednesday, March 5, 12:10 p.m. C.E.T.

## **Metro: Traceability is sustainability**

Metro Group Executive Board Member Hans-Jurgen Matern wants to trim down the amount of eco-labels crowding the seafood space.

Metro, which has 2,231 locations in 32 countries and served three million people per day, sells 200,000 metric tons of seafood annually, making fish one of the most important items for them.

To ensure that it stays that way, Matern said, consumers have to have a less complex way to choose their seafood, and assurance that it is both sustainable and healthy.

When Matern gave a presentation at the North Atlantic Seafood Forum last year, there were 70 different eco-labels available. This year, there are 144.

"Ladies and gentlemen, can you tell me what for?" he asked. "I think you can earn some money starting an eco-label."

The trouble is, consumers will never understand the stories behind the eco labels -- they need to trust that retailers and suppliers have done the work, and that means traceability.

Metro has taken its traceability system "in the cloud," to help suppliers big and small give the company information, and for Metro to be able to share that with consumers.

But to truly make a simpler, more effective, less redundant traceability and sustainability system worldwide, suppliers, governments and NGO groups need to come together.

"A Metro solution alone won't work," Matern said.

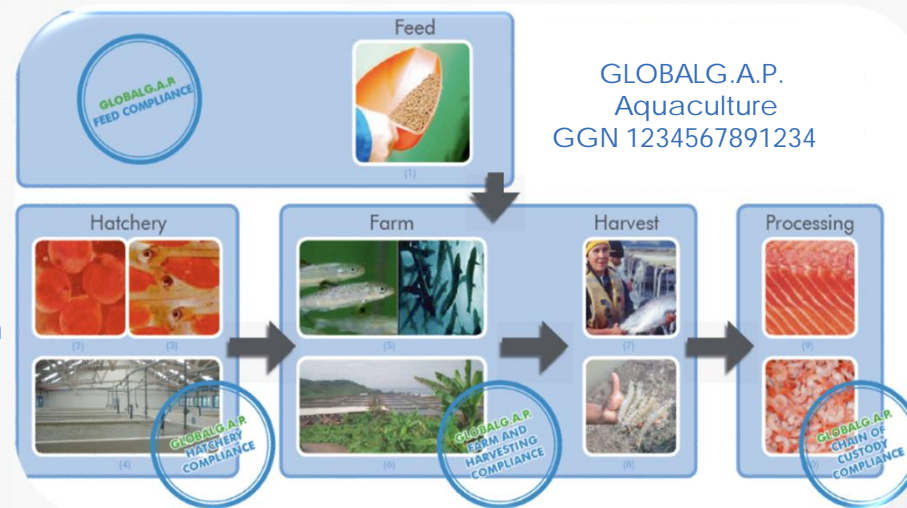
-- *Drew Cherry*



# GLOBALG.A.P. collaboration with Aquaculture Label Organization Friend of the Sea - FOS



Collaboration  
Agreement





# THE PROCESS: COMPARISON OF STANDARDS AT FARM LEVEL

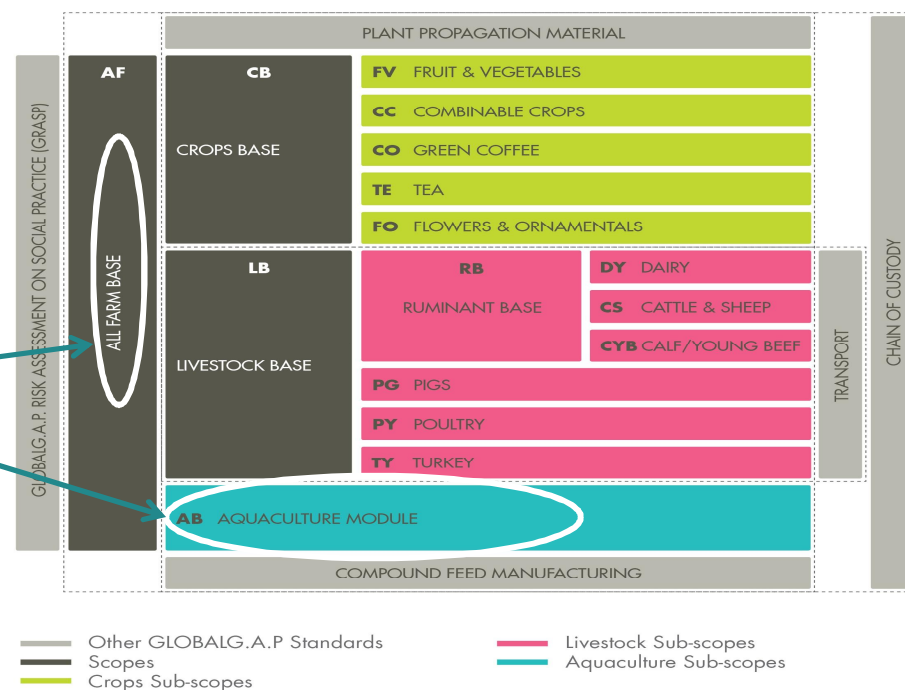


## Friend of the Sea – FOS Aquaculture Standards



Comparison of  
Standards Contents

## GLOBALG.A.P. Aquaculture related Standards



# GLOBALG.A.P. AQUACULTURE VERSION 4

Voluntary Add-on, including social criteria



Add-on FOS at farm level

Risk Assessment  
on Social  
Practices

Farming does  
not prevent  
the local  
community  
access to  
drinking water



Benthic fauna  
and sediment  
monitoring

Coastal  
communities  
continue to  
have access  
to fishing  
areas

Contents included into the GLOBALG.A.P. version 5 by 2015

# COMMUNICATION TO CONSUMERS

ENGLISH, GERMAN, SPANISH, FRENCH (OTHERS BY DEMAND)



**GLOBALG.A.P.** AQUACULTURE PRINCIPLES MY FISH DEUTSCH

**MY FISH**  
Where does my fish come from?

**MY FISH**  
Are you interested in the origin of the fish product you bought? And you found a GGN number on the packaging? Then you've come to the right place.

Simply enter the GGN into the field below and you will gain insight into the GLOBALG.A.P. Database, where all the companies and producers with a valid certification are registered. A special feature is the Chain of Custody, the COC certification for processing operation units in the entire supply chain. This guarantees that you as a consumer are really holding a certified product in your hands.

YOUR GGN NO. >

**Search Result**

<b>GGN</b>	4050373466480
<b>Company</b>	Vinh Hoan Corporation
<b>Address</b>	National Road 30, Cao Lanh, Dong Thap, Cao Lanh
<b>Country of origin</b>	Vietnam
<b>Certification</b>	valid until 2012-05-31
<b>Web-Site</b>	
<b>Products</b>	Pangasius Tra [Pangasianodon hypophthalmus]

DISCLAIMER SITEMAP

←

[www.my-fish.info](http://www.my-fish.info)  
GGN public search tool

# CONSUMERS NEED OF INFORMATION



[About us](#) | [Sustainable Fish](#) | [Aquaculture](#) | [Fisheries](#) | [Where to Buy](#) | [Certified Products](#) | [Apply](#) | [Stakeholders](#) | [News](#) | [Downloads](#) | [Newsletter](#) | [FAQ](#) | [Contacts](#)



## FRIEND OF THE SEA

**Sustainable Seafood**

Select language



Certification  
of Sustainable  
Seafood from  
Fisheries  
and Aquaculture

### Products Search

Species Common and Scientific Name

Fishing or Farming Method

Producer / Supplier

Product Type – Wild Caught

Country

Product Type – Farmed

Search

### Certified Products



See all products

**GLOBALG.A.P.**  
The Global Partnership for Safe and Sustainable Agriculture



## Current species at the market recognized for both GLOBALG.A.P. Aquaculture certification and FOS Add-on v1 at farm level



- Atlantic Salmon [*Salmon Salar*]
- European Flat Oysters [*Ostrea edulis*]
- Mediterranean Mussels [*Mytilus galloprovincialis*]
- European Seabass [*Dicentrarchus labrax*]
- Gilthead Seabream [*Sparus aurata*]
- Meagre [*Argyrosomus regius*]
- Turbot [*Scophthalmus maximus*]
- Common Dentex [*Dentex dentex*]

Norway, Croatia, Turkey and Chile



# GLOBALG.A.P. Chain of Custody



GLOBALG.A.P. and FOS Add-on compliant at farm level



Non certified.





## BRIEF OVERVIEW GLOBALG.A.P. Aquaculture version 5

35 COUNTRIES WORLDWIDE adopting GLOBALG.A.P. Aquaculture certification



Malaysia  
Netherlands  
Nicaragua  
Norway  
Panama  
Poland  
Portugal  
Saudi Arabia  
Spain  
Taiwan  
Thailand  
Turkey  
United Kingdom  
United States  
Vietnam

Australia  
Belgium  
Austria  
Chile  
China  
Croatia  
Denmark

Ecuador  
Estonia  
Faroe Islands  
France  
Germany  
Greece

Honduras  
Iceland  
India  
Indonesia  
Ireland  
Italy  
Lithuania

(\*) Includes countries with GLOBALG.A.P. Chain of Custody – aquaculture

As of July 2015



- Artic Char (*Salvelinus alpinus*)
- Atlantic Salmon (*Salmo salar*)
- Barramundi (*Lates calcarifer*)
- Bluespotted seabream (*Pagrus caeruleostrictus*)
- Brook Trout (*Salvelinus fontinalis*)
- Brown Trout (*Salmo trutta fario*)
- Cobia [*Rachycentron canadum*]
- Coho Salmon (*Oncorhynchus kisutch*)
- Common Dentex (*Dentex dentex*)
- European flat oyster [*Ostrea edulis*]
- European Seabass (*Dicentrarchus labrax*)
- Giant tiger prawn [*Penaeus monodon*]
- Gilthead Seabream (*Sparus aurata*)
- Greater Amberjack (*Seriola dumeril*) \*
- Green Mud Crab [*Scylla Paramamosain*] \*\*
- Meagre (*Argyrosomus regius*)
- Mediterranean mussel [*Mytilus galloprovincialis*]
- Nile tilapia (*Oreochromis niloticus*)
- Pangasius Tra (*Pangasianodon hypthalmus*)
- Pink Dentex [*Dentex gibbosus*]
- Rainbow Trout (*Oncorhynchus mykiss*)
- Red Porgy (*Pagrus pagrus*)
- Salmon Trout (*Salmo trutta trutta*)
- Sand steenbras (*Lithognathus mormyrus*) \*
- Senegalese Sole (*Solea senegalensis*)
- Sharpsnout Seabream (*Diplodus puntazzo*)
- Shi Drum (*Umbrina cirrosa*)
- Turbot (*Scophthalmus maximus*)
- White Grouper (*Epinephelus aeneus*) \*
- Whiteleg Shrimp (*Litopenaeus vannamei*)

\* Certified Broodstock

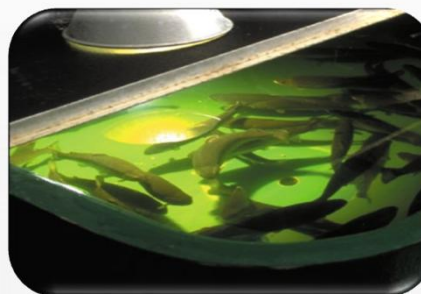
\*\* Certified Broodstock and/or Seedlings

### 30 Species certified:

- Finfish
- Crustaceans
- Molluscs



# Applicable for all systems, sizes and technologies



  
COVERS ALL SPECIES OF  
FINFISH, CRUSTACEANS  
AND MOLLUSCS

  
1,9 MIL. TONS  
FARMED FISH



© GLOBALG.A.P Secretariat

17.05.2017

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# Aquaculture Certification: finfish, crustaceans, molluscs

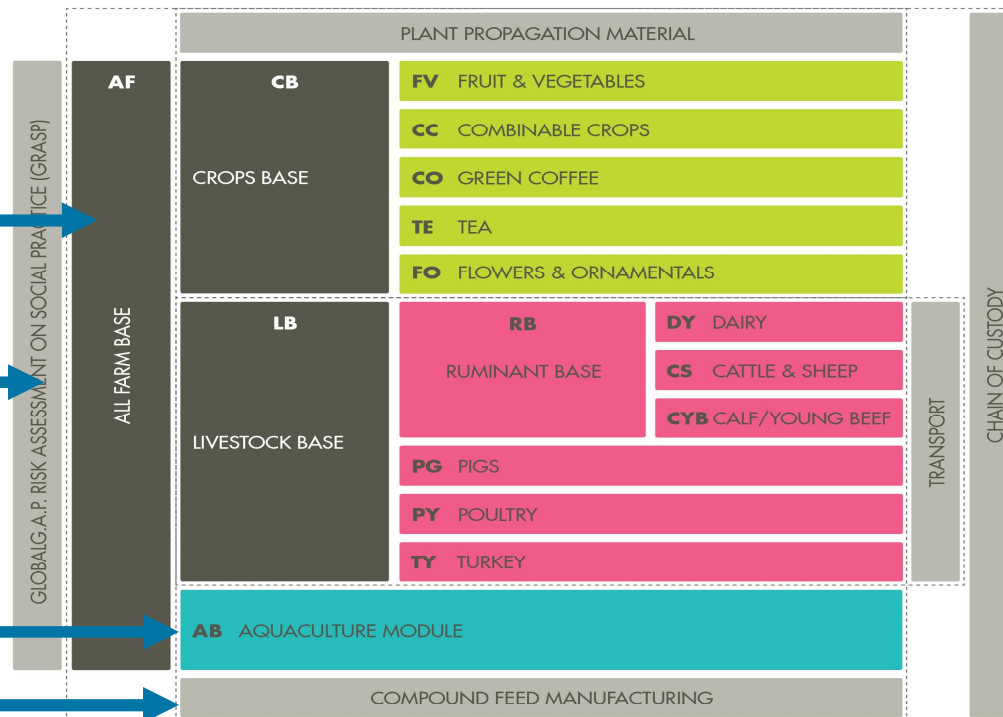


- All Farm Module

- Risk Assessment on Social Practice

- Aquaculture Module

- Compound Feed



— Other GLOBALG.A.P. Standards  
 — Scopes  
 — Crops Sub-scopes

— Livestock Sub-scopes  
 — Aquaculture Sub-scopes

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Chain of Custody

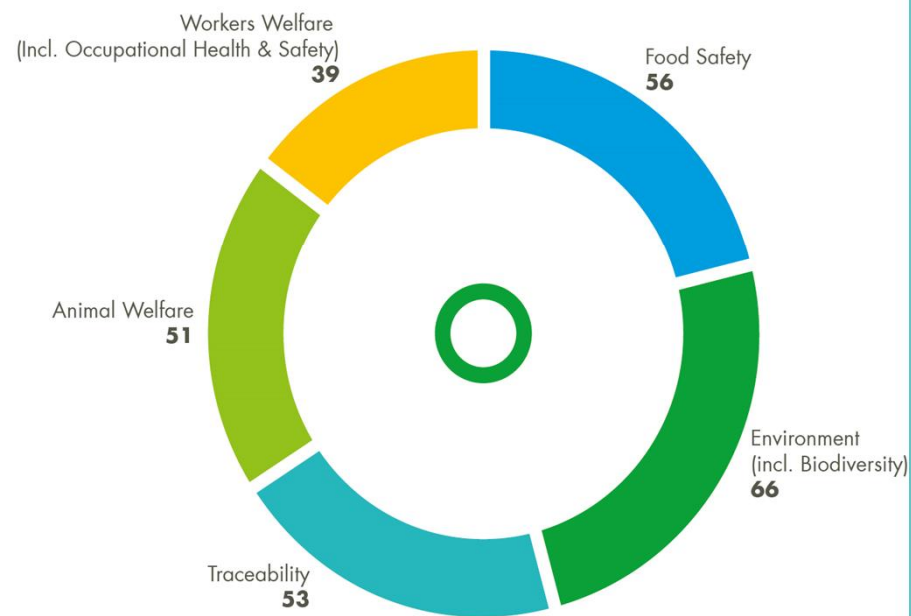
# GLOBALG.A.P. Aquaculture Standard

## Key Sustainability Areas Covered



### HOLISTIC APPROACH AQUACULTURE

Total number of Control Points (incl. Post Harvest Handling): **265**



- Food safety: in compliance with the GFSI requirements at farm level.
- Environment: includes Protected Areas criteria and a compulsory Environmental (Biodiversity inclusive) Impact Assessment and Management Plan.
- Traceability: from broodstock, seedlings and feed used at the aquaculture farming activities. Batch wise identification of stock and feed used.
- Workers Welfare: compulsory assessment on social practices; living conditions, workers health & occupational safety.
- Animal Welfare: specific to farmed fish species, including cohabitant species, e.g. cleaner fish.

# GLOBALG.A.P. Aquaculture Standard

## Certification of the full production chain



**FEED**  
Food safety,  
sustainable sourcing

**SEEDLINGS**  
Ova, juveniles

**FARMING**  
Finfish,  
Crustaceans,  
Molluscs

**CHAIN OF CUSTODY**  
Animal welfare, proper  
segregation,

A STANDARD  
CONSUMERS  
DEMAND



Food Safety

Animal Welfare

Traceability

Environment

Workers Welfare



Independent of the number of participants in the production chain,  
the GLOBALG.A.P. Certification System provides the tools  
to link each certification through the full production chain



## GLOBALG.A.P.

One certification system for the **entire** aquacultural production chain



1 legal entity



Changing  
legal entity



\*Covers proper segregation and hygiene. For hygiene, a GFSI post-farm gate recognized standard is accepted.

# GLOBALG.A.P. Aquaculture version 5

## New elements included in this new version



- Improved language to assure harmonization of interpretation;
- INCLUSION of a compulsory Assessment on Social Practices;
- INCLUSION of detailed criteria related to animal welfare – specific to aquaculture;
- Animal welfare criteria includes cohabitant species, e.g. cleaner fish (as solution to reduce animal treatments);
- Tool to demonstrate sustainability status of feed used: Responsible Operations criteria as a voluntary Add-on for the compulsory compliance of the Compound Feed used;
- Communication to consumers when required through a label at final packaging level, which reflects the GLOBALG.A.P. compliance linked to the Friend of the Sea logo.

# Certification of the full production chain

NEW criteria for version 5



*ADD-ON: Responsible  
Operations Standard  
for Compound Feed*

*Detailed criteria on  
Animal Welfare And  
Risk Assessment on Social  
Practices at farm level*

*Chain of Custody Version 5  
includes possibility to identify  
GLOBALG.A.P. certified  
products in multi-ingredients  
products*





## NEW criteria for Version 5



### 8 *New criteria related to Animal Welfare*

- AB 5.2.11 Control of **size variations** within stocks;
- AB 5.2.12 Monitoring of health indicators and welfare problems through **visual observation**;
- AB 5.2.19 Species specific: establishment of **maximum periods for** crowding, grading, time out of the water, transport and fasting;
- AB 5.2.20: **Feedback** related to animal welfare from the slaughter/processing to the farm;
- AB 5.2.21: Culling of fish (removal, killing and disposal) shall be done according to prescribed methods following the Veterinary Health Plan;
- AB 5.2.22: Management plan for **cohabitant species** (not intended for human consumption) shall follow same criteria of animal welfare and bio-security;
- AB 5.2.23: All the elements of the risk assessment on Animal Welfare applies to **transport of live fish, eggs and juveniles**;
- AB 5.3.8: Use of **antibiotics** agents are ONLY applied following the diagnosis of an infectious disease.

## NEW criteria for Version 5



### ***2 New criteria related to Infrastructure***

- AB 5.6.4: Risk analysis for the adequate design of the cages;
- AB 5.6.5: Cages shall be marked appropriately with navigations aids.

### ***1 New criteria related to Area Management***

- AB 5.8.2: If there is a Area Management Plan, the producer shall demonstrate active participation.

### ***2 New criteria related to Community***

- AB 10.1.2: Activities do not present restriction to the use of ptable water to the community;
- AB 10.1.3: Costal communities continue having fishing access.

**SUBCONTRACTING** AF 5.1: MAYOR MUST FOR Version 5



## ***Risk Assessment on Social Practices***

- AB 16: Mayor Must for version 5

## ***POST HARVEST – MASS BALANCE AND TRACEABILITY***

- AB 15: Contents are based on the Chain of Custody version 5

## ***Veterinary Health Plan***

AB 5.2.1: Extended criteria for version 5:

- Preventive measures for **disease spread**;
- **Withdrawal periods established** only when medicated feed is fully flushed from the system;
- **Risk analysis on medical residues**, including the potential impact on wild animals surrounding the farm;
- **Frequency and methods** of mortalities inspection;
- **Inform the veterinarian and the respective official of the authorities** in case of suspect of new diseases or high mortality rate;
- **Antibiotics of critical importance to the human beings**, based on the World Health Organization (WHO) list, shall not be used as treatments of first option;
- Registered veterinarian or approved agent by the authorities are able **to diagnose diseases and prescribe medications**.



## Transition period: Version 4 to Version 5



- As a 3rd party accredited certification system, GLOBALG.A.P. Standards are subject of revision process every 4 years.
- During the period from July 2015 to August 2016: both versions are valid to allow transition period to farmers.
- From August 2016, only version 5 shall be valid.

# ALL FARM MODULE



- AF.1 SITE HISTORY AND SITE MANAGEMENT
- AF.2 RECORD KEEPING AND INTERNAL SELF-ASSESSMENT/INTERNAL INSPECTION
- AF.3 HYGIENE
- AF.4 WORKERS HEALTH, SAFETY AND WELFARE
- AF.5 SUBCONTRACTORS
- AF.6 WASTE AND POLLUTION MANAGEMENT, RECYCLING AND RE-USE
- AF.6 ENVIRONMENT AND CONSERVATION
- AF.7 CONSERVATION
- AF.8 COMPLAINTS
- AF.9 RECALL / WITHDRAWAL PROCEDURE
- AF.10 FOOD DEFENCE
- AF.11 GLOBAL G.A.P STATUS
- AF.12 LOGO USE
- AF.13 TRACEABILITY AND SEGREGATION
- AF.14 MASS BALANCE
- AF.15 FOOD SAFETY POLICY DECLARATION
- AF.16 FOOD FRAUD MITIGATION



ANNEX AF. 1. GUIDELINE RISK ASSESSMENT – GENERAL  
ANNEX AF. 2. GUIDELINE RISK ASSESSMENT – SITE MANAGEMENT

# AQUACULTURE MODULE: FINFISH, CRUSTACEANS, MOLLUSCS



- AB. 1 SITE MANAGEMENT
- AB. 2 REPRODUCTION
- AB. 3 CHEMICAL COMPOUNDS
- AB. 4 OCCUPATIONAL HEALTH AND SAFETY
- AB. 5 FISH WELFARE, MANAGEMENT AND HUSBANDRY (at all points of the production chain)
- AB. 6 SAMPLING AND TESTING
- AB. 7 FEED MANAGEMENT
- AB. 8 PEST CONTROL
- AB. 9 ENVIRONMENTAL AND BIODIVERSITY MANAGEMENT
- AB. 10 WATER USAGE AND DISPOSAL
- AB. 11 HARVESTING & POST HARVEST – OPERATIONS
- AB. 12 HOLDING AND CROWDING FACILITIES
- AB. 13 SLAUGHTER ACTIVITIES
- AB. 14 DEPURATION
- AB. 15 POST HARVEST - MASS BALANCE AND TRACEABILITY
- AB. 16 SOCIAL CRITERIA



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# FEED INDUSTRY COMMITTED TO SUSTAINABILITY

## IMPACT: WORLDWIDE



Aquaculture Module requirement: Feed Records  
Are batches of fish feed traceable from the feed manufacturer to the batch of fish?



GLOBALG.A.P. Aquaculture  
certification is linked  
to verified compound feed

# GLOBALG.A.P. COMPOUND FEED CERTIFICATION

## 24 COUNTRIES WORLDWIDE FOR AQUAFEED



### GLOBALG.A.P. COMPOUND FEED MANUFACTURING

CONTROL POINTS AND COMPLIANCE CRITERIA

ENGLISH VERSION 2.1  
EDITION 2.1-2\_DEC13

VALID FROM: DECEMBER 2013  
OBLIGATORY FROM: MARCH 2014

- Australia
- Austria
- Belgium
- Brazil
- Canada
- Chile
- Denmark
- Ecuador
- Faroe Islands
- France
- Greece
- Guatemala
- Honduras
- Indonesia
- Italy
- Nicaragua
- Norway
- Saudi Arabia
- Spain
- Thailand
- Turkey
- United Kingdom
- United States
- Vietnam

As of March 2015

NEW

### GLOBALG.A.P.

#### RESPONSIBLE OPERATIONS STANDARD (ROS) ADD-ON FOR FEED MANUFACTURERS SECOND DRAFT VERSION 1

Control Points and Compliance Criteria

PUBLIC CONSULTATION: FROM 16 MARCH 2015 TO 5 APRIL 2015

#### VOLUNTARY ADD-ON:

##### *Responsible Operations Standard for Compound Feed*

- Reducing energy use and greenhouse gas (GHG) emissions
- Reducing water use
- Strategies to avoid waste and effluents
- Responsible sourcing of agricultural and marine feed materials from sustainable production
- Product declarations on feed efficiency, environmental impacts, and genetically modified organisms (GMO) content
- Mass balances for specific claims on sustainability attributes of feed materials
- Promoting social engagement with the local community



## GLOBALG.A.P. RISK ASSESSMENT ON SOCIAL PRACTICE (GRASP) COMPULSORY ASSESSMENT FOR V5



### GRASP Criteria :

1. Worker representation
2. Complaint procedure
3. Self-declaration of good social practices
4. Knowledge about national labor regulations
5. Contracts
6. Pay corresponds to contract specifications
7. Wage and overtime in compliance with regulations
8. No minors employed
9. Children of employees living on farm have access to school education
10. Working time recording system
11. Hours and breaks in compliance with regulations

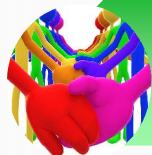




# GLOBALG.A.P. RISK ASSESSMENT ON SOCIAL PRACTICE (GRASP)



RECORDS REQUIRED FOR: What other forms of social benefit does the employer offer to workers, their families and/or the community?



Incentives for good and safe working performance :



Family friendliness



Bonus payment



Medical care / health provisions



Support of professional development



Improvement of social surroundings

Other benefits

## GLOBALG.A.P. RISK ASSESSMENT ON SOCIAL PRACTICE (GRASP) COMPULSORY ASSESSMENT FOR V5



### GRASP Rules :

1. Auditors and Inspectors are required to be trained and pass an exam before inspecting GRASP
2. National Interpretation Guidelines Development are publicly available on the GLOBALG.A.P. Website
3. Rules are applicable for individual certification OR group certification
4. Outcome of the GRASP assessments are available to observers companies, by request



Version 5

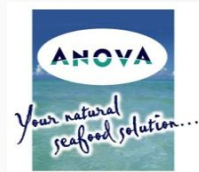


## Credible auditability





## Example of Buyers with transparent publicly available policy for seafood supply





Thank you for your attention !



Further questions ?  
Do not hesitate to contact us:  
Valeska Weymann  
Technical Key Account Aquaculture  
[weymann@globalgap.org](mailto:weymann@globalgap.org)