Welcome to the GLOBALG.A.P. News Conference
Seafood Expo Global, 7th May 2014; 3 – 4 pm
Dr. Kristian Moeller, Managing Director GLOBALG.A.P.
"About GLOBALG.A.P.",
Kristian Moeller, Managing Director, GLOBALG.A.P. , Germany

"Friend of the Sea – FOS Aquaculture Label Uses GLOBALG.A.P. Certification",
Paolo Bray, Director, Friend of the Sea, Italy

"Feed Industry Committed to Sustainability",
Trygve Berg Lea, International Product Manager, Skretting, Norway (On behalf of the National Technical Working Group - GLOBALG.A.P. Aquaculture and Aquafeed in Norway)

"Aquaponics Tilapia Farming - NEW Innovative and Sustainable Systems Adhering to GLOBALG.A.P. Aquaculture Certification",
Jorge L. Pang, Director of Aquaponics, Selovita, United States

"Cobia - NEW Species Ready for GLOBALG.A.P. Aquaculture Certification",
Heiddis Olafsdottir, Europe Region, Open Blue Global Services, Canada
More than 130,000 certified producers in over 110 countries

A secure online certification database to check producers and validate certificates

A pioneering integrity system with independent assessments to monitor the performance of our certification bodies

3 main products with 23 standards and programs

An extensive worldwide network of consultants to help producers with their certification process

A harmonization program to benchmark schemes and checklists around the world

More than 285 certified products

1500 inspectors and auditors working for 138 accredited certification bodies

Capacity building for thousands of people on 5 continents and in 10 languages
Offer to label organizations
GLOBALG.A.P. COLLABORATION WITH AQUACULTURE LABEL ORGANIZATION

Friend of the Sea - FOS

Collaboration Agreement

GLOBALG.A.P. Aquaculture
GGN 1234567891234

Responsibly farmed
GGN 1234567891234

www.friendofthesea.org
Friend of the Sea - FOS

**Friend of the Sea – FOS Aquaculture Label Uses GLOBALG.A.P. Certification**

*Paolo Bray*, Director, Friend of the Sea, Italy

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**GLOBALG.A.P. Aquaculture**

*GGN 1234567891234*

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*Collaboration Agreement*
THE PROCESS

Comparison of Standards Contents

Friend of the Sea – FOS Aquaculture Standards

- Marine Aquaculture
- Inland Marine Aquaculture
- Inland Fresh Water Aquaculture
- Praw Culture
- Mussels Culture

GLOBALG.A.P. Aquaculture related Standards

- All Farm Module
- Aquaculture Module
- Compound Feed
- Chain of Custody
INTERIM SOLUTION: ADD-ON FOS AT FARM LEVEL

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

- Risk Assessment on Social Practices
- Benthic fauna and sediment monitoring
- Farming does not prevent the local community’s access to drinking water
- Coastal communities continue to have access to fishing areas
THE PROCESS

Comparison of Standards Contents

GLOBALG.A.P.
Entire production chain certified

Add-on FOS at farm level

Voluntary B2C communication

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www.friendofthesea.org
Anyone can access the database to consult the GLOBALG.A.P. product status on the web:

http://www.globalgap.org/cms/front_content.php?idcat=64
All finished goods shall be labeled with a GGN.

A unique identification number or mark

Traceability of the material to a GLOBALG.A.P. endorsed source.
CONSUMERS NEED OF INFORMATION

Find producers and resellers of Friend of the Sea certified products from the below listed species.

**Species**

**Fishing or Farming Method**

- Farmed - Aquaculture

**Common and Scientific Name**

**Country of Origin**

- All

**Producer / Supplier**

- All

**Product Type**

- All

Search

A | B | C | D | E | F | G | H | J | K | L | M | O | P | R | S | T | U | W | Y

Alfonsino | Amberjack | Anchovy

Barramundi | Bass | Bonito | Brazilian catfish | Brill
**BENEFITS**

- Increase communication to consumers
- Higher price justification for farmed origin supply
- Increase transparency and traceability through the whole production chain

Responsibly farmed
GGN 1234567891234

www.friendofthesea.org
29 COUNTRIES WORLDWIDE

(*) GLOBALG.A.P. Aquaculture

Australia
Belgium
Chile
China
Denmark
Ecuador
Estonia
Faroe Islands
Finland
France
Germany
Greece

Iceland
India
Indonesia
Ireland
Italy
Lithuania
Netherlands
Nicaragua
Norway

Poland
Spain
Suriname
Thailand
Turkey
United Kingdom
United States of America
Vietnam

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

As of: April 2014
GLOBALG.A.P. AQUACULTURE CERTIFICATION – POTENTIAL TO USE FOS LOGO

SPECIES CERTIFIED ON FARM (update Aug13)

- Atlantic salmon [Salmo Salar]
- Rainbow trout [Oncorhynchus mykiss]
- Coho salmon [Oncorhynchus kisutch]
- Rainbow trout [Oncorhynchus mykiss]
- Nile Tilapia [Oreochromis niloticus]
- Whiteleg shrimp [Litopenaeus vannamei]
- Salmon trout [Salmo trutta trutta]
- Gilthead seabream [Sparus aurata]
- Meagre [Argyrosomus regius]
- Barramundi [Lates calcarifer]
- Pangasius Tra [Pangasianodon hypophthalmus]
- Pangasius Basa [Pangasius bocourti]
- European seabass [Dicentrarchus labrax]
- Red Porgy [Pagrus pagrus]
- Sharpsnout Seabream [Diplodus puntazzo]
- Turbot [Scophthalmus maximus]

Currently almost 2 million tonnes certified!
NEW PRODUCTS GLOBAL G.A.P. / FOS

[Images of seabass fillets]
GLOBALG.A.P. COLLABORATION WITH AQUACULTURE LABEL ORGANIZATION

GLOBALG.A.P. ADD-ON

Food Safety
Animal Welfare
Traceability
Environment
Workers Welfare
FEED INDUSTRY COMMITTED TO SUSTAINABILITY

Trygve Berg Lea
International Product Manager Skretting, Norway

On behalf of the National Technical Working Group – NTWG for GLOBALG.A.P. Aquaculture and Aquafeed in Norway

NTWG Host organization:

NTWG Members:
AB 8.2 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
ACHIEVEMENTS

• Commitment to discuss compound feed certification through the NTWG conformation in 2010;

• Delivered the National Interpretation Guideline for GLOBALG.A.P. CFM Standard for Norway in 2011;

• The Interpretation Guideline serves as a guidance document for auditing procedures during joint-audits GLOBALG.A.P. and ISO 22000, related to Norwegian legislation;

• Delivery of section 15 of the CFM standard: Responsible use of natural resources, with focus on fishmeal and fish oil requirements.
NEW COMMITMENT IN 2014

• Initiation of a working group to work on a voluntary Add-on:

“Responsible Operations Standard for Feed Manufacturers in Aquaculture and Livestock”

Where all stakeholders interested are invited to join!

And collaboration within the MoU between ASC and GAA and GLOBALG.A.P.!
Aquaponics Tilapia Farming - NEW Innovative and Sustainable Systems Adhering to GLOBALG.A.P. Aquaculture Certification

Jorge L. Pang
Director of Aquaponics, Selovita, United States
FEED INDUSTRY COMMITTED TO SUSTAINABILITY

National Technical Working Group - GLOBALG.A.P. Aquaculture and Aquafeed in Norway

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Jorge L. Pang, Director of Aquaponics, Selovita, United States

Aquaponics Lettuce: GLOBALG.A.P.
COBIA
NEW Species ready for GLOBALG.A.P.
Aquaculture Certification

Heiddis Olafsdottir, Europe Region,
Open Blue Global Services, Canada
THE ENVIRONMENTAL ADVANTAGES OF OPEN OCEAN PRODUCTION

• **Effective Waste Dispersal**: High energy and deep water ensure minimal waste buildup in benthos.

• **Low Nutrient Footprint**: Dissolved N and P from fed fish are quickly assimilated into trophic webs via phytoplankton and associated grazers. A monitoring study by the University of Miami (USA) has shown no detectable increase in NO2/NO3 or NH4 levels downstream of farm.

• **Efficient Feed Use**: Warm, clean, clear water with high levels of O2 and no pollution ensure happy, healthy fish who convert feed efficiently.

• **Low Pathogen Load, Minimal Antibiotic Use**: Offshore, away from disease vectors, with huge amounts of water exchange, disease outbreaks are rare and manageable and not likely to affect wild populations. The use of antibiotics is likewise limited.

• **Minimal Xenobiotic**: Persistent Organic Pollutants (e.g. Mercury) and other chemicals are less likely to buildup in OBSF fish due to the pristine nature of their environment.
OPEN BLUE COBIA: KEY FEATURES

- Full operational traceability
- Environmental and social stewardship
- Total VI enhances QC
- Sashimi Grade (Taste/texture/color)
- Health – high in Omega 3
- 100% all natural
- Contaminant free
- No colorants
- No antibiotics
- Fed on protein, vitamins & minerals
- State of the art Processing Facility
Hot off the Press!
Our new GLOBALG.A.P. Products & Services Brochure

Click here to download the digital version!
GLOBALG.A.P. SUMMIT 2014

JOIN US IN ABU DHABI

THE 12TH GLOBALG.A.P. CONFERENCE IS TAKING PLACE IN THE UNITED ARAB EMIRATES
The Gateway to the Middle East

Meet & Network with Top International Retailers, Food Service Experts & Producers from around the World

Register now on www.summit2014.org
Contact us for more information: summit@globalgap.org

Supported by:
GLOBALG.A.P. CONFERENCES IN THE PAST
The GLOBALG.A.P. SUMMIT 2012 brought together more than 400 experts from 49 countries and 400 Internet live stream viewers, that’s a record of over 800 individuals from more than 65 countries!
This Time We’re Meeting in Abu Dhabi!

7.9 million
Est. Population of UAE

47 million
Est. Total Population in the GCC

50 million
Population Forecast for the GCC in 2020

The UAE is the world’s 3rd largest re-export market (after Hong Kong and Singapore).

United Arab Emirates Re-Export 27% AVG. VALUE

24,394
No. of farms in Abu Dhabi covering an area of 74,795 hectares

Source: Statistical Yearbook of Abu Dhabi

United Arab Emirates Imports
Fruit & Vegetables/Fresh produce

<table>
<thead>
<tr>
<th>YEAR</th>
<th>US $</th>
<th>Kilograms</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>1.8 billion</td>
<td>2.7 billion</td>
</tr>
<tr>
<td>2010</td>
<td>2.1 billion</td>
<td>2.8 billion</td>
</tr>
<tr>
<td>2011</td>
<td>2.4 billion</td>
<td>2.9 billion</td>
</tr>
</tbody>
</table>

Source: UAE Ministry of Foreign Trade

GCC imports 90% of its food. Food imports are expected to reach US$ 53.1 billion by 2020. That’s double the value in 2010.

Source: Economist Intelligence Unit – EIU

Source: UAE National Bureau of Statistics, UN World DataBank: World Development Indicators, Economist Intelligence Unit
GCC member states: UAE, Bahrain, Saudi Arabia, Oman, Qatar, Kuwait

UAE total imports fruit and vegetables (HSCode: 2.7 and 2.8)
Source: (All figures and statistics as per Ministry of Foreign Trade – UAE)
See you in Abu Dhabi on 27-29 October 2014!
THANK YOU!

CONTACTS

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