GLOBALG.A.P. Aquaculture Certified Farms on the Consumer Portal GGN.ORG:

First Experiences from Increased Transparency of Aquaculture Sources and Production Systems

GLOBALG.A.P. News Conference

Seafood Expo GLOBAL 2017
Panelists

- Craig Anderson, The Scottish Salmon Company
- Jürgen Pauly, GLOBUS Group
- Lisa Terese de Jager, DNV GL
- Kristian Moeller, GLOBALG.A.P.
GLOBALG.A.P. Certification
Number of Producers under Certification

- 2010: 106,008
- 2011: 114,579
- 2012: 123,115
- 2013: 132,547
- 2014: 141,722
- 2015: 160,452
- 2016: 174,316
Species in Compliance with the GLOBALG.A.P. Aquaculture Standard

Source More Than 32 Species from 29 Countries
That’s a total of more than 2 million tons of products from certified farms

AQUACULTURE CERTIFICATION IN 29 COUNTRIES*

<table>
<thead>
<tr>
<th>Species</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlantic Salmon</td>
<td>Peru</td>
</tr>
<tr>
<td>Barramundi</td>
<td>Poland</td>
</tr>
<tr>
<td>Bluespotted Seabream</td>
<td>Portugal</td>
</tr>
<tr>
<td>Brook Trout</td>
<td>Saudi Arabia</td>
</tr>
<tr>
<td>Brown Trout</td>
<td>Spain</td>
</tr>
<tr>
<td>Cobia</td>
<td>Turkey</td>
</tr>
<tr>
<td>Coho Salmon</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Common Dentex</td>
<td>United States</td>
</tr>
<tr>
<td>Common Pandora</td>
<td>Vietnam</td>
</tr>
<tr>
<td>European Flat Oyster</td>
<td>[Ostrea edulis]</td>
</tr>
<tr>
<td>European Seabass</td>
<td>[Dicentrarchus labrax]</td>
</tr>
<tr>
<td>Giant Tiger Prawn</td>
<td>[Penaeus monodon]</td>
</tr>
<tr>
<td>Gilthead Seabream</td>
<td>[Sparus aurata]</td>
</tr>
<tr>
<td>Greater Amberjack</td>
<td>[Seriola dumerili]*</td>
</tr>
<tr>
<td>Large-Eye Dentex</td>
<td>[Dentex macrophthalimus]</td>
</tr>
<tr>
<td>Meagre</td>
<td>[Argyrosomus regius]</td>
</tr>
<tr>
<td>Mediterranean Mussel</td>
<td>[Mytilus galloprovincialis]</td>
</tr>
<tr>
<td>Nile Tilapia</td>
<td>[Oreochromis niloticus]</td>
</tr>
<tr>
<td>Pacific Cupped Oyster</td>
<td>[Crassostrea gigas]</td>
</tr>
<tr>
<td>Pangasius Tra</td>
<td>[Pangasianodon hypophthalmus]</td>
</tr>
<tr>
<td>Pink Dentex</td>
<td>[Dentex gibbosus]</td>
</tr>
<tr>
<td>Rainbow Trout</td>
<td>[Oncorhynchus mykiss]</td>
</tr>
<tr>
<td>Redbandied Seabream</td>
<td>[Pargus auriga]</td>
</tr>
<tr>
<td>Red Drum</td>
<td>[Sciaenops ocellatus]</td>
</tr>
<tr>
<td>Red Porgy</td>
<td>[Pargus pargus]</td>
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<tr>
<td>Salmon Trout</td>
<td>[Salmo trutta trutta]</td>
</tr>
<tr>
<td>Senegalese Sole</td>
<td>[Solea senegalensis]</td>
</tr>
<tr>
<td>Sharpsnout Seabream</td>
<td>[Diploplus puntazzio]</td>
</tr>
<tr>
<td>Shi Drum</td>
<td>[Umbrina cirrosa]</td>
</tr>
<tr>
<td>Turbot</td>
<td>[Scophthalmus maximus]</td>
</tr>
<tr>
<td>White Grouper</td>
<td>[Epinephelus aeneus]*</td>
</tr>
<tr>
<td>Whiteleg Shrimp</td>
<td>[Litopenaeus vannamei]</td>
</tr>
</tbody>
</table>

MORE THAN 2 MIL. METRIC TONS
CERTIFIED WORLDWIDE*

*Updated Update: March 2017
GRASP – GLOBALG.A.P. RISK ASSESSMENT ON SOCIAL PRACTICES
Facilitating Continuous Growth

No. of assessed producers

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</tr>
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<tbody>
<tr>
<td>Count</td>
<td>46</td>
<td>276</td>
<td>674</td>
<td>2,684</td>
<td>8,843</td>
<td>13,604</td>
<td>29,454</td>
<td>35,608</td>
</tr>
</tbody>
</table>

Legend: 
- Blue dots represent the number of assessed producers each year.
- The line connects the dots to show the trend.

As of March 2017

Updated March 2017
GLOBALG.A.P. Supports Sustainable Development Goals (SDGs) of the United Nations
Aquaculture farming activities do not prevent access to drinking water, and all human waste shall be collected and disposed of through sanitary sewage disposal systems.
The impact of the farming activity on the benthic (bottom of a body of water) biodiversity shall be monitored.
ENHANCE CONSUMER LOYALTY
AQUACULTURE WITH GGN

The new consumer label and online portal for certified aquaculture.

Farming for consumers - Talking to consumers
Did Certification fail with Pangasius?

Pangasius is a fish, farmed in Vietnam, popular for its mild taste and low cost compared to other fish species. In 2016, exports of Vietnamese farm-raised Pangasius were valued at US $1.71 billion (sales to Europe were valued at US $260.9 million and sales to the USA were valued at US $387.4 million). Pangasius represented approximately 10% of all certified aquaculture products in 2015. The Aquaculture Stewardship Council alone estimates that 20% [...read more]

Meat or Fish?

As the world’s population grows to the forecasted 9.7 billion in 2050, the demand for food is expected to increase between 60% and 88%. To help visualize this, the United Nations estimates “the equivalent of almost 3 planets will be required to sustain our current lifestyles”. [...read more]

NEWS AND TOPICS

Cobia - a new hope for marine aquaculture

Cobia, which is also referred to as black kingfish, is currently known and liked mainly by fishermen who catch this predatory fish [...read more]

Think global - act local

GGN stands for the concept of a mutual global standard that also takes into consideration the regional conditions and needs for local implementation. [...read more]

GREENPEACE - Ethoxyquin in Fish

Greenpeace recently had 54 fish products from conventional and organic aquaculture tested for residues of the plant protection product ethoxyquin. [...read more]

Greenpeace

Environmental organization presents study on ethoxyquin in fish.
ETHOXIQUN
Round Table Participants

- AMA Marketing GmbH
- BioMar Norway
- Clama
- Guba Trade GmbH
- Icelandic Seachill
- Jumbo Supermarkten
- Krone GmbH
- Laschinger Seafood
- Friedrich Wilhelm Lübbert GmbH&Co. KG
- Marine Harvest
- Naturland
- NIFES - National Institute of Nutrition and Seafood Research
- Skretting Group

Not present but supportive:

- Cargill
- ALDI Süd
- GLOBUS
- Scottish Sea Farms
- Nordsee GmbH
- Ahold Delhaize
- The Marine Ingredients Organization – IFFO
AQUACULTURE WITH GGN
A SIGN OF CONSUMER DEMAND
AQUACULTURE WITH GGN
THE NEW ONLINE PORTAL GGN.ORG

MEET YOUR FARM

FARMER
The Scottish Salmon Company
GREAT BRITAIN

Troms Fiskeaurlag AS
NORWAY

SPECIES: ATLANTIC SALMON (SALMO SALAR), SALMON TROUT (SALMO TRUTTA TRUTTA)

FACTS & FIGURES

The Scottish Salmon Company (SSC) is the leading Scottish-based producer of the finest sea loch fresh Scottish salmon, with 100% focus on Scotland. SSC employs over 480 staff across 80 sites in the

SPECIAL FEATURES & ACTIVITIES

How are the fish being kept?
In freshwater and marine sites across the west coast of Scotland and Hebrides

GREAT BRITAIN
THE SCOTTISH SALMON COMPANY
8 Melville Crescent, EH3 7JA, Edinburgh

SPECIES: ATLANTIC SALMON (SALMO SALAR) // SALMON TROUT (SALMO TRUTTA TRUTTA)
AQUACULTURE WITH GGN
PROVIDING ATTENTION AT THE POS
Panelists

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- Lisa Therese de Jager, DNV-GL
- Kristian Moeller, GLOBALG.A.P.
Please join us for the Member Reception at our Booth No. 4026, Hall 9!

Thank you to our Media Partners: