

## Sustainable Aquaculture Germany

Presented to you by: Competence Network Aquaculture (KNAQ) and Christian-Albrechts-University Kiel

The German aquaculture sector is unique in its diversity, ranging from extensive cultivation systems in ponds and coastlines to intense indoor farming. The annual aquaculture production of fish and mussels accounts for approximately 33,000 tonnes. The main finfish species are common carp and other cyprinids produced in warmwater ponds and rainbow trout and other salmonids produced in flow-through and raceways systems. Other freshwater species encompass sturgeon, catfish, eel, pikeperch and perch. Marine aquaculture in Germany almost exclusively entails the production of blue mussels and oysters in the North Sea and Baltic Sea, as well as a handful of high-tech RAS facilities producing tropical shrimp and marine finfish for high-end markets. Marine and freshwater microalgae and macroalgae are being cultivated by several companies throughout the country.

The aquaculture sector in Germany employs an estimated 1.200 full-time equivalents in primary production, but presumably, another 20.000 producers are active on a part-time basis. The full picture of the German sector only becomes apparent when looking up and down the full supply chain. Large German enterprises are vertically integrated in international “big names” of the sector, ranging from production of feed and additives to genetics, health and trade. Germany has a vibrant scene of entrepreneurship and start-up support in adjacent fields of agri-food, biotech, maritime and many more. German research organizations and universities are among the top ranking institutions worldwide with outstanding reputation in research, development and innovation.

**One has to look at the whole supply chain to understand the true economic value of a sector.**

**Please enjoy “Sustainable Aquaculture Germany”!**

**If you are looking for even more contacts and/or specialized expertise, please do not hesitate to contact my colleagues and me at booth #68 in the AQUA2018 trade show.**

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