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**PEER43 - Aquavitae - new species, processes and products contributing to increased production and improved sustainability in emerging low trophic, and existing low and high trophic aquaculture value chains in the Atlantic.**

The PEER funding was used to attend a three-day writing workshop of the consortium in Copenhagen (to cover flights and accommodation). This meeting resulted in the successful application to H2020 Blue Growth Call H2020-BG-2018-2. The project called AquaVitae is described below.

The overall objective of AquaVitae is to increase aquaculture production in and around the Atlantic Ocean in a sustainable way by developing new and emerging low trophic species and by optimising production in existing aquaculture value chains. The value chains that AquaVitae will focus on include macroalgae production, integrated multi-trophic aquaculture, and production of new echinoderm species as well as existing shellfish and finfish species.

A series of cross-cutting Work Packages (WPs) will include research on biosensors, Internet of Things (IoT), product characteristics, consumer attitudes, market potential, sustainability, environmental monitoring, risk assessment, analysis of value chains, profitability, and other socioeconomic aspects.

AquaVitae will contribute to various policy dialogues and produce briefs on policy and governance issues.

The AquaVitae consortium consists of 37 full partners from Europe and countries bordering the Atlantic Ocean, in addition to an Industry Reference group, a Policy Advice Group, and an External Advisory Group. AquaVitae supports extensive communication and outreach activities, employs a multi-actor approach to ensure stakeholder engagement in all phases of the project, and will set up a durable aquaculture industry and research network around the Atlantic Ocean. Industry partners are present in all case studies, and they have a special responsibility for exploitation and commercialization of the project research results and outcomes.

AquaVitae will have a lasting impact on society through the introduction of new species, and through the development of new processes and products based on a circular economy / zero waste approach with improved sustainability. AquaVitae will produce Good Practice standards, facilitate industry apprenticeship and student exchange, support extensive training programs for industry, academia, and the public, and contribute to the implementation of the EU-Brazil-South Africa Belém Statement.