



Welcome to AQUACOMBINE – POST! This quarterly newsletter informs you about the progress of the AQUACOMBINE project. Get an overview of the current project status, meet the people behind the scenes and let yourself be conquered by the world of halophytes.

AQUACOMBINE Team



### **Consortium meeting in Évora**

What could be better than one smiling face? Thirty-one smiling faces! Talking about extraction methods, polyphenols and enzyme stabilization could be boring. For the AQUACOMBINE consortium, that met in Évora over the last two days in May, it's a reason to smile. Especially when a project shows such promising results as AQUACOMBINE.

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## Stakeholder meeting in Évora

Meeting the needs of the market is one of the challenges for research and innovation projects! Therefore, AQUACOMBINE is establishing a stakeholder community with industry, end-users and authorities from selected AQUACOMBINE topics. On May 30<sup>th</sup>, stakeholder from Alentejo and consortium

members met in Evora to exchange knowledge and ideas within topics like Agriculture, Aquaculture, Cosmetic, Food, Feed and Renewable energy. With this community AQUACOMBINE aims to establish long term bilateral exchange to share and generate knowledge and information.

The event “Going Circular” took place at the Institute of Employment and Vocational Training of Évora and was broadcast live via Zoom.

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## Meet the partners!

To bring AQUACOMBINE to success, 17 partners from 7 countries with different expertise are working together on this four-year project. AQUACOMBINE Post#5 interviewed Prof. Dr Hinrich Uellendahl and PhD student Aadila Cayenne, Hochschule Flensburg – University of Applied Science, Germany and Prof. Dr. Mário Pacheco and his Team, University of Aveiro, Portugal.



### “Biogas production from halophytes and their residues”.

Prof. Dr Hinrich Uellendahl and PhD student Aadila Cayenne, Hochschule Flensburg – University of Applied Science, Germany

*"Hinrich and Aadila what added value do you both expect from the project?"*

"We expect that the outcome of the AQUACOMBINE project will be a biorefinery concept for full valorisation of halophyte plants that can be implemented in full-scale. This means that the AQUACOMBINE project will provide a solution for the utilization of saline soils by halophyte cultivation and the economically feasible conversion into multiple value-added products, bioenergy, and nutrient recovery." Read the whole interview [HERE](#).



**“Fish feed formulating and testing”.**  
Prof. Dr. Mário Pacheco and his Team,  
University of Aveiro, Portugal

*"Mário what added value do you expect from the four-year AQUACOMBINE project?"*

"The environmental sustainability of most aquaculture segments, namely fish and crustacean rearing, is a matter of global concern, in relation to the identification of alternative aquafeed components to partially replace products from wild-caught fish. Thus, taking DNA integrity and anti-oxidant system as early warning signals of health impairments, the most expected added value of the project, in the framework of our tasks, is the..." Read the whole interview [HERE](#).



**AQUACOMBINE is becoming a film star!**

The SWR Knowledge documentary „In der Klima-Klemme? Pflanzen für die Zukunft“ (Plants for the Future) presents as a solution for the future. The 23-minute film not only shows project details and AQUACOMBINE partners in action, but also other interesting projects that can have a big impact on what we

will eat in the future.

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**The world of halophytes - *Crithmum maritimum***



Commonly known as sea fennel or rock samphire, is a wild naturally salt tolerant plant. Sea fennel can be used as vegetable, medicine, and cosmetics. Forgotten for a long time, sea fennel has been making a comeback in European kitchens for some time. Cooked, raw as a salad, pickled in vinegar or for flavouring, it gives dishes a special herbaceous note. And since sea fennel is rich in vitamin C, it also has some positive effects on health.

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Through the AQUACOMBINE post we take pleasure in sharing ongoing progress and contributions to AQUACOMBINE developments, so AQUACOMBINE welcomes anyone interested to

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