Halophytes go circular -

Salt-tolerant plants for food, feed, bio-compounds and bioenergy.

Project insights and results of AQUACOMBINE circular approach.

22.03.2022 16.00-17.30 CET, ZOOM

Co-funded by:

Co-funded by the European Union's Horizon 2020 research and innovation programme under Grant Agreement NO. 862834. Any results of this project reflect only this consortium's view and the European Commission is not responsible for any use that may be made of the information it contains.

16:00 WELCOME

MODERATION: NORBERT REICHL, FOOD-PROCESSING INITIATIVE E.V.

AQUACOMBINE

New circular approach with co-production of food, feed, bio-compounds, and bioenergy from halophytes with very little or no production of waste streams.

METTE HEDEGAARD THOMSEN, AALBORG UNIVERSITY

OPEN THE LOOP: CULTIVATION OF HALOPHYTES IN HYDROPONICS

Optimization of halophyte cultivation under hydroponic conditions and different salinities.

PROF. DR. JUTTA PAPENBROCK AND DR. ARIEL TURCIOS, LEIBNIZ UNIVERSITY HANNOVER

IN THE LOOP: AQUACULTURAL TRAILS

Examine the combination of aquaculture and Salicornia farming - Promising results on health effects for shrimp and sea bass.

RUI MIRANDA ROCHA, RIASEARCH, UNIPESSOAL, LDA

CLOSE THE LOOP: EXPLOITATION OF HALOPHYTE RESIDUES

How to close the loop of the halophyte biorefinery by conversion into biogas and biochar.

PROF. DR. HINRICH UELLENDAHL, HOCHSCHULE FLENSBURG UNIVERSITY OF APPLIED SCIENCES

17:00 BREAKOUT SESSION

17:25 CONCLUSION

17:30 END

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Registration

https://us06web.zoom.us/meeting/register/tZwrfu2vrj4jG9MlPHIVyjZPFsuLy6sR-F2Y

After registering, you will receive a confirmation email containing information about joining the meeting.

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How to deal with one of the important challenges of the 21st century to meet the world's demand for sustainably produced biomass for both food and the growing bio-products sector?

Salt-tolerant plant species such as *Salicornia* or *Crithmum* can be the answer.

AQUACOMBINE project will create a new circular industry with co-production of food, feed and bio products from this sustainable type of plants.

The circular approach of AQUACOMBINE combines aquaculture, farming and bioprocessing to utilize all fractions of the produced biomass and produce value added food, feed, bio-compounds and bioenergy?

CONSORTIUM

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