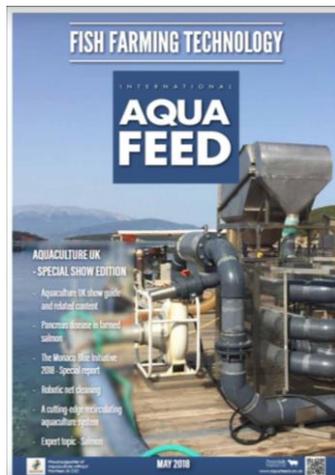


## LATEST NEWS PROJECT ELOXIRAS®

### Publication in the International Aquafeed Magazine

APRIA Systems published an article entitled "A cutting-edge recirculating aquaculture system" in the last issue of the International Aquafeed magazine. It describes the main principles of ELOXIRAS® technology and shows the first results obtained in its validation tests. The article can be visited [here](#).



### Attendance to SPEA10

APRIA Systems has attended to the 10<sup>th</sup> European meeting on Solar Chemistry and Photocatalysis: Environmental Applications (SPEA10) in Almería, Spain; presenting ELOXIRAS® technology.



### Participation on the European Maritime Day

Due to the celebration of the European Maritime Day on May 20, APRIA Systems participated in the conference "European projects in fishing". Pedro Gómez, CEO, exposed the development of the ELOXIRAS® project.

### AQUACULTURE INNOVATION 2018 =AWARD=

#### Application for Global Aquaculture Innovation Award

ELOXIRAS® has been proposed for the sixth annual competition of the Global Aquaculture Innovation Award. The finalists will be invited to attend the GOAL 2018 conference in Guayaquil, Ecuador,

#### ELOXIRAS® present in the "South Atlantic Aquaculture Conference"

ELOXIRAS® was promoted during "IX Jornadas de Acuicultura en el Litoral Suratlántico", held in Cartaya (Spain).

The conference was attended by more than 250 people, in a region that accounts with 20% of overall aquaculture volume in Spain, achieving a market volume over 70M€.



# ACTIVITIES

## First validation cycle successfully concluded...

The most recent validation tests involved fingerlings of gilthead sea bream and sea bass, and have exhibited an adequate and healthy growth. The initial size was approximately 10 g, a target biomass density in the range of 20 - 30 kg/m<sup>3</sup>, and a culture volume of 20 m<sup>3</sup>. The size of the fish at the end of the culture cycle was within the range of 350 and 450 g, exhibiting a fish growth rates similar to those reported under similar culture conditions with a bio filtration-based RAS. The main conclusions achieved are:

- ✓ Removal rates and efficacies of target pollutants. Conversion of N<sub>2</sub> compounds > 67%
- ✓ Security of water treatment for the overall culture period (over 8 months) confirmed.
- ✓ The system is able to increase the biomass density by 30%, from 20 to 30 kg/m<sup>3</sup>: productivity increment
- ✓ Reduction of water consumption >20%, technology able for intense RAS (<240L of new water per kg of fish)



## ... and second validation cycle is ongoing

The second validation test has already started. This test aims at assessing the growth of gilthead sea bream and sea bass from 3 g to approximately 10-15 g, thus complementing the first validation test. The aim of this second validation test is to optimize the operating conditions in terms CAPEX and OPEX



## Updated brochure with commercial MINI series

ELOXIRAS® brochure has been updated, facing to a commercial phase of the MINI series through standardized models. The brochure can be downloaded [here](#).

## Commercial meetings

In line with the exploitation plan, different commercial meetings were held with aquaculture companies, the regions visited were Valencia, Murcia and Andalusia, setting-up relevant contacts with potential clients.



Do you want to visit any of the pilot facilities? Do not hesitate to contact us!

## STAY UPDATED

✓ Visit all the project related info in our webpage: [www.eloxiras.com](http://www.eloxiras.com)

✓ Follow us and check our latest news in:  [APRIA Systems](https://twitter.com/APRIA_Systems)



<https://www.linkedin.com/showcase/10807087/>

✓ For more information please contact the Project Coordinator: [pedro.gomez@apriasystems.es](mailto:pedro.gomez@apriasystems.es)

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