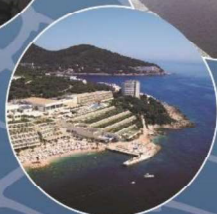
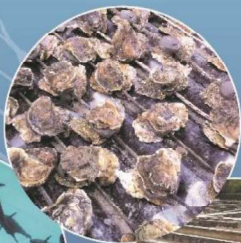


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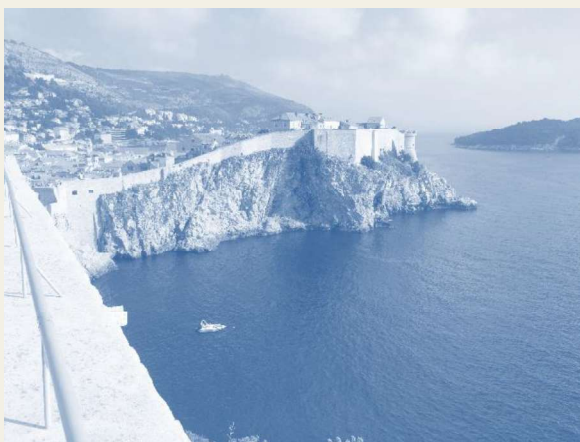


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## Aquaculture Europe 2017 Summary Report





**This document provides information on the AE2017 Plenary and Parallel Sessions, with a compilation of reports received by the session chairs. Only simple editing has been made by the EAS secretariat.**

The winners of the AE2017 Poster Awards, as designated by the Session Chairs and Programme co-chairs, as well as the winners of the AquaTT and Aqualex Multimedia Consortium Lindsay Laird Award and the EAS Student Group Ibrahim Okumus Award are also presented.

*Compiled by the European Aquaculture Society secretariat. November 2017*

***Photos courtesy of @misPeces and the EAS Student Group.***

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## PARALLEL SESSION SUMMARIES

The following session reports were provided by the session chairs. Their initial compilation was kindly made by AE2017 Programme co-chair Constantinos Mylonas *and they appear here in alphabetical order.*

### AQUACULTURE IN EUROPE'S OUTERMOST REGIONS AND TERRITORIES

**Chairs: Ricardo Haroun (ECOQUA Research Institute, ULPGC, Spain) and Carlos Andrade (Oceanic Observatory of Madeira, Portugal).**

Diverse aspects of the aquaculture sector in the EU Outermost Regions (OR's) and Overseas Territories were the subjects of this session, with 7+1 oral communications done by researchers from OR's most prominent research institutions; unfortunately, one oral presentation from Mayotte (France) was cancelled in the last time. Most subjects included spatial planning, the application of ecosystem approach to the sustainable development of aquaculture and current studies on candidate species for aquaculture diversification in the OR's. Herein follows a succinct overview of the main subjects presented by the different contributors and the corresponding discussion periods:

Maria del Pino Viera from Grupo de Investigación en Acuicultura (ECOQUA, ULPGC), presented results from trials to evaluate inclusion of seaweed meal in the diets of European abalone (*Haliotis tuberculata coccinea*). Despite mixed fresh algae feeding regime producing better growth, the addition of 9% of fish meal to the *Palmaria palmate*-including diet improved significantly growth, validating the benefits of combining both vegetal and animal protein sources, leaving scope for further studies to formulate appropriate compound diets for the species. Sílvia Lourenço from the Centro de Maricultura da Calheta (Madeira, Portugal) presented a review of the bibliographic information available on edible sea urchin culture and roe enhancement using a meta-analysis approach. Literature in this subject is scarce and only six studies and nine trials were selected, showing variable results to improve the taste of the roe of sea urchins of the species *Stroglyocentrotus droebachiensis* and *Heliocidaris erythrogramma*, but none in *Paracentrotus lividus*, the local macaronesian species.

Mirto De Girolamo from IMAR (Azores, Portugal) highlighted the need to enhance the aquaculture activities in this region aiming to overcome the general worries about overfishing and wild resources sustainability. Following the establishment of a dedicated aquaculture research facility in Faial Island, there has been a focus on the study of priority species, namely the giant barnacle *Megabalanus azoricus* and, more recently, of the European abalone. A future enlarged aquaculture research centre is foreseen, as well as the arrival of new aquaculture producers. **Natacha Nogueira from the Oceanic Observatory of Madeira (Portugal) gave an account of the different steps involved in the establishment of Madeira's Marine Spatial Plan and its relationships with aquaculture site selection process at local level. The recent implementation of the PLASMAR project, a consortium of different research and administrative institutions from Madeira, Azores and Canary Islands, was pointed out as the opportunity for dealing with the development and establishment of common methodologies on the basis of MSP, taking into account the biogeographic characteristics of these territories.**

Andrea Botelho, from the Research Center in Biodiversity and Genetic Resources (Azores, Portugal) presented results from the LocAqua project dedicated to evaluate the suitability of space for