

Aquaculture Europe 2010

– shaping up to be one of the best!



AE2010 has attracted **more than 750 abstracts** for oral and poster presentations, thus outnumbering all AE meetings since the ‘new format’ events were agreed in 2007. It seems that Portugal – and especially the beautiful city of Porto – is an excellent selection for the location of the event and the theme of “Seafarming Tomorrow” is one that has created considerable interest.

An extensive conference programme

The thematic sessions take place each morning of AE2010 and include plenary presentations by invited speakers. They pave the way for the parallel, technical sessions of contributed presentations in both oral and poster format.

Plenary 1: « A vision for the future status of marine aquaculture in Europe: effects of a changing environment on biodiversity and physiology of farmed species » *Presented by Gilles Boeuf, President of the French National Museum of Natural History*



Changing environment is at the heart of the European concerns: What will be the impacts at short and medium terms? For aquaculture, producing specific species not able to maintain a constant body temperature (ectotherms), various influences are expected, both for species geographical distribution and so adequacy between species and present rearing sites and impacts on species physiology. European aquaculture is mainly producing molluscs and fishes, rapidly developed in several countries in taking into account the interdependences between species physiological needs and local conditions in terms of both more or less sheltered areas and changes in environmental factors. In a situation of rapid environmental changes, what are the measures we have to take to follow them, maybe to

forecast them, and to better prepare the aquaculture of tomorrow? This review proposes to analyse this new situation.

Plenary 2: "A license to produce?" Presented by Javier Ojeda, APROMAR, Spain

The availability of suitable areas for aquaculture is becoming a major limiting factor for the development of aquaculture in the European Union. In the light of the new Commission strategy for the development of European aquaculture a new type of governance and regulatory framework is needed for the selection of sites and approval of licenses.



Plenary 3: "Competing claims - joint solutions" Presented by François Simard, IUCN, Switzerland



How to integrate aquaculture with other coastal activities; how can aquaculture enhance maritime strategies, coastal zone management and Natura 2000 objectives.

Plenary 4: "How can European sea-farming products correspond to trends in consumer demand?" Presented by Philippe Paquotte, European Commission, DG MARE



What is the European market for farmed seafood products, in terms of both market size and segmentation, and also image and perception? How will aquaculture be considered in the new Common Organization of the Market which will be implemented in the EU as from 2013? Which issues and to what extent is it possible to communicate on in view of promoting European sea-farmed products? What are the consumer demand trends which the EU aquaculture industry has to take account of in order to ensure profitable outlets to its products?

Plenary 5: "Sustainable sea farming - Virtual tools for aquaculture: application to coastal and offshore ecosystems"

Presented by João Gomes Ferreira, New University of Lisbon, Portugal

Aquaculture management can benefit greatly from virtual tools, which are used to simulate key components such as production, profit optimization and environmental impacts, both positive (e.g. reduction of eutrophication symptoms) and negative (organic enrichment of the sea floor). A selection of tools, including GIS applications, remote sensing, and dynamic models at both system- and farm-scales, is presented and contextualized by means of case-studies.



Science meets industry

Aquaculture Europe 2010 will also feature a special international trade exhibition, organised by the European Aquaculture Society. Portuguese, Spanish and International companies will present the latest products and services for aquaculture. A special **farmers' day** programme will have an emphasis on aquaculture in Portugal and in Spain and will focus on topics where the latest research findings can have an impact on the sector.

The provisional programme includes presentations and discussion on:

- Costs
 - Feeding costs and growth strategies
 - Fry costs and market size
 - Health Management costs
- Operating capital and the management of cash flow
- Value
 - Price strategies for aquaculture product (the methods used for pricing and their impacts on management)
 - Market development
- Variability in operational results
- Production capacity of a fish farm: effect of cycle time

It is hoped that the main Portuguese and Spanish industry associations for finfish and shellfish will take advantage of the farmers' day to bring their members to Porto and to use the event for their own meetings.

Those interested in booking exhibition space should contact Mario Stael at mario.stael@scarlet.be

Good local and industry support

AE2010 is financially supported by the Area Metropolitana do Porto.

The AE2010 **GOLD SPONSOR** is Sorgal SA. AQUASOJA is the fish feed brand of SORGAL, SA. SORGAL, SA is part of a large Portuguese agro-industrial group. SORGAL has produced quality feeds for animal farming for more than 50 years and has always conducted its activities focussing on cost-effectiveness, animal welfare and feed safety as top priorities



The AE2010 **SILVER SPONSOR** is NOVUS, who provides animal health and nutrition programs for the poultry, pork, beef, dairy, aquaculture, and companion animal industries. NOVUS aquaculture products include supplements of balanced, free amino acids; proprietary blends of feed grade organic acids designed to support beneficial bacteria by acidifying the environment and blends of enzymes and liquid probiotics created to promote and balance the natural ecosystem of aquatic ponds.

As part of its Premier Sponsorship of the European Aquaculture Society, Intervet Schering Plough Animal Health will have a strong presence and will sponsor the health management session.

Feed ingredients and additives specialist BIOMIN will sponsor the session on Novel feeds, ingredients and additives

EU to showcase FP6 research

The **EU Forum** – a regular feature of Aquaculture Europe events – is currently being planned and will look to showcase the results of two of the biggest integrated research projects carried out by the Commission in aquaculture, as well as presenting the view of national research funders. The EU Forum will also look forward to the final stages of FP7.



Just prior to AE2010, the **LARVANET** network will meet in Porto. The latest findings of their research will be presented in a **special session within the conference**. A series of short workshops organised by other EU-funded projects and other relevant initiatives will also take place in the exhibition area and specifically targeted towards exhibitors and trade show visitors.

Registration

Registration is now available online, through the links at the EAS website. EAS members have very significant reductions on registration rates and the **early bird deadline** (providing a discount of €50 on normal registration and €100 on the late/onsite fee **is June 30**).

Portuguese nationals that are resident in Portugal and who are also members of EAS at the time of registration have a special registration fee of just €200 – but only if you register before June 30.

Post conference Farm Tours

We have also organised two farm tours for you on Saturday, October 9, just after the conference.

The first will take you to the **Aveiro region**, where you will see Aquacria - a company devoted to intensive fish production. The company owns a turbot fish farm with an installed capacity of 120 ton/year, which will be expanded to a 350 ton/year farm through the installation of a hyper-intensive production system, based in Recirculation Aquaculture System Technology, that allows a full control in the main production parameters like water quality, temperature and health resulting in fast growth and high quality product.

After lunch, you will visit MaterAqua – a partner of the project SOCRATE (Soft crab technology in Europe) – and who is looking at the commercialisation of green crab culture, through all aspects including production, processing, packing and storage to detailed market research, in an effort to bring hard science to what previously was an artisanal activity.

The second tour takes you to **Viana do Castelo**, where you will visit the Fish Farm in Paredes de Coura. This farm was a pioneer in Portugal for trout production and lies on the banks of the Coura River. It produces 5-600 tonnes per year, mostly for domestic consumption.

After lunch at the well-known “O Conselheiro” restaurant, you will visit the Rio Alto farm, producing marine fish ad mainly turbot, with an annual production of 150 tonnes.

Detailed information, costs and a reservation form for the Farm Tours are also available at the EAS web site.

All AE2010 info and links are at www.easonline.org