



## **Aquaculture Europe 2010 to address the future of marine aquaculture**

**Aquaculture Europe 2010, to be held in Porto, Portugal from October 5-8, 2010 puts the focus on the future of marine aquaculture in Europe.**

AE2010 is organised by the European Aquaculture Society and hosted by the Portuguese Marine Sciences Associate Laboratory CIMAR (CIIMAR Porto and CCMAR Faro).

### **Portugal and Porto**

Aquaculture production in Portugal is modest with some 10.000 tonnes of production, of which more than half is shellfish. Marine aquaculture in Portugal is mainly centred on the Algarve coast, but more recently, land-based production of turbot and other marine species has developed on the Atlantic coast. Currently, there is renewed interest in developing aquaculture in Portugal's outermost regions, notably in the Azores. The Portuguese remain Europe's highest consumers of fish and shellfish, with annual per capita consumption of close to 60Kg.

Porto is Portugal's second biggest city and the 'capital of the north'. Its historic centre was declared a World Heritage Site by UNESCO in 1996 and it shared the designation European Culture Capital in 2001. The city has excellent flight connections with flag and low cost carriers and road connections with Galicia and especially with Vigo, just 90 minutes away.

AE2010 will take place at the Centro de Congressos da Alfândega – the old customs house on the quay of the Douro River in the heart of Porto and just opposite the famous port wine cellars that are synonymous with this lively city. These will form part of the AE2010 social programme.

### **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.

- **A vision for the future status of marine aquaculture in Europe: effects of a changing environment on biodiversity and physiology of farmed species.** 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. The 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 environmental factors changes. 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.  
*Presented by Gilles Boeuf, President of the French National Museum of Natural History.*

- **A license to produce?** In the light of the new Commission strategy for the development of European aquaculture, what type of governance and regulatory framework is needed? What should be the roles of public authorities and NGO's in the development of the sector?  
*Presented by Javier Ojeda, APROMAR, Spain.*
- **Competing claims – joint solutions.** How to integrate aquaculture with other coastal activities; how can aquaculture contribute to the maritime strategy, to coastal zone management and to Natura 2000 objectives. *Presented by François Simard, IUCN Global Marine Programme.*
- **Consumer demands and consumption trends.** What are the demand and consumption trends and what do European consumers prefer? How important to consumers is the origin and certification of aquatic products produced 'locally' in Europe or imported from third countries. *Presented by Philippe Paquette, DG MARE, European Commission.*
- **Sustainable sea farming.** How do we develop sustainable sea farming using the ecosystem approach? How is aquaculture linked with natural ecosystem processes and with patrimonial cultivation? *Presented by João Gomes Ferreira, New University of Lisbon , Portugal.*

AE2010 is now calling for abstracts for presentation in parallel and poster sessions.

These sessions are organised in several groups, as follows:

**Hatchery production and species diversification**, including sessions on

- Finfish hatchery production, covering all aspects of juvenile production, processes and management.
- Shellfish (juvenile) production, including new developments in breeding, hatchery production, natural spat collection,
- Management of aquaculture stocks, including reproduction, breeding and genetic improvements
- Species diversification - finfish, including the culture of flatfish, tuna and other 'new' finfish species for future commercial production
- Species diversification – other species, including the culture of octopus, cuttlefish, abalone, crabs, seaweeds and other 'new' species for future commercial production

**Production in different environments** and production technologies, including sessions on

- Land-based production - new production technologies, including large-scale RAS, production in arid regions and other land based activities
- Offshore aquaculture of fish and shellfish
- Aquaculture on Islands – specificities of production in outlying areas in tropical and temperate regions, including European outermost regions.

**Tools for the development of the sector**, including sessions on

- The eco-system approach to aquaculture production, including semi intensive/extensive coastal/lagoon aquaculture, nutrient management and IMTA, invasive species, predator control, nature management and patrimonial conservation
- Space for aquaculture: Carrying capacity and Spatial Planning
- Aquaculture governance and interactions with fisheries, including policy, socioeconomic and economic research and interactions, commonalities and interdependence with fisheries

**Health, quality and well-being**, including sessions on

- Human health, consumer science, and quality, including aquaculture perception studies, biotoxins, quality assessment and detection, certification
- Health management of finfish and shellfish; *Sponsored by Intervet Schering-Plough Animal Health*
- Novel feeds, ingredients and additives. *Sponsored by BIOMIN*
- Aquaculture welfare and ethics

The conference will also include a special Student Workshop and, naturally, a student reception.

### 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.

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](mailto:mario.stael@scarlet.be)

### Good local and industry support

AE2010 is financially supported by the Area Metropolitana do Porto.

The GOLD SPONSOR of AE2010 is Sorgal SA.

EAS is proud to announce the AE2010 Gold Sponsorship of Portuguese aquafeed company, AQUASOJA. 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



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

Further sponsorship opportunities exist for all budgets. Contact [mario.stael@scarlet.be](mailto:mario.stael@scarlet.be)

### 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.

**Notes for publishers:**

1. **Citation for photos of Porto: Photo courtesy of Manuel Varzim**
2. **More information on AE2010 is at [www.easonline.org](http://www.easonline.org) or from Alistair Lane at the EAS secretariat – [a.lane@aquaculture.cc](mailto:a.lane@aquaculture.cc) or tel: +32 59323859**