

Aquaculture Innovation Network News



EC Innovation Project: CSN-INTRAN (IPS-2001-42123)

Highlights

- The results of our successful photography competition are announced...
- News about the recent consultative workshop on innovation held in Stirling
- Updates on new training modules in aquaculture vaccines and recirculation systems

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eLearning—new driver for innovation?

The letter “e” has come to symbolise the use of the Internet over the past few years when placed before any other word. Hence eLearning joins eMail, eBusiness, eGames etc., as new additions to modern dictionaries. As the speed and accessibility of the Internet improves and content continues to multiply, people are increasingly tuning to it as a first source of information on any topic, and to research issues that interest them. Whilst this may seem a long way from formal courses, it is learning, arguably of the most effective kind when it delivers the knowledge that you need at the time you most need it. For many however, the lack of quality checks, guidance and consistency can be a frustration. An increasing number of eCourses are therefore being offered that deliver a more structured and validated learning experience using the Internet in a way that allows “students” to participate from their own home or office. Both educators and learners are still adapting to the new opportunities offered by the

Internet and approaches vary considerably. However, it is clear that access to knowledge is being greatly enhanced by the Internet and that support for more flexible learning is also developing rapidly. For organisations that encourage learning and innovation, this can only be positive.



The Internet is providing increasing access to knowledge for these fisheries students in the Czech Republic

To explore eLearning for yourself and contribute to its development in the aquaculture sector, read the articles on page 3 of this newsletter and then visit the new learning section of our web site.

Access our knowledgebase on your mobile

Are you ever out on site or sitting in a meeting and need to access aquaculture information? Now you can, using any modern mobile phone with Internet browsing, or even better with an Internet connected PDA or smartphone. Just enter the following address in your bookmarks: <http://www.aquainnovation.net/aquainnovation/mobile/>. The Aquainnovation knowledge base is now available in a mobile-friendly format for access wherever you might

be. Don't forget, anyone can add information to the knowledgebase, so if you have data to share that would be particularly useful for mobile users, please consider uploading it to the main site.





Photography Competition !

The Aquainnovation photography competition for 2006 has reached its conclusion and our particular congratulations go to overall winner Jordan Hernadi from Hungary, who has been awarded the Olympus camera donated by Stirling Aquaculture. The judges were unanimous in this choice, praising the photograph for its composition, human interest and its reflection of both traditional pond farming practices and more recent and innovatory emphasis on environmental sustainability and ecologically sound production methods. The prize winners were selected from over 75 entries in four categories, representing a wide range of aquaculture practices and environments.

“With over 75 entries, the judges were unanimous in their choice of overall winner”



Fishermen carrying the seine—2005 fall
The overall winner of the photography competition submitted by Jordan Hernadi from Hungary

“From a short-list of 29 entries, visitors to the Aquainnovation web site voted independently for their first choice”



Aquaprod-2 by Kartik Baruah from Belgium
Winner of the popular choice vote

An aspect of the competition that generated the most interest, was the award of a prize based on web-site voting. The short-listed photographs were reproduced as post cards and distributed at the Aquaculture Europe 2006 conference and Exhibition in Florence, and also at Aquaculture International 2006 in Glasgow. Voting was only possible for registered and logged-on users, to ensure only one vote per person. The clear winner of this award with 45% of the vote was Kartik Baruah with a vivid image of fish in a tank. Kartik will receive book tokens to the value of Euro 150 donated by Schering Plough Animal Health.

“Winner and runner-up prizes were also awarded in each of the four main categories”

Helicopter transport by Alan Dykes
Winner of Aquaculture Innovation



Red tilapia by Adrian Hartley
Winner of Aquacul-



Farming Dream by Eric Leclercq
Winner of Aquaculture and Nature



Egg transport by Herki Tuus
Winner of Aquaculture

Innovation workshop

In early June, the CSN-INTRAN project held a special workshop on “Enabling innovation in European aquaculture”. The aim was to present some of the findings from the 3 years of the project and to discuss the lessons learned with others involved in various ways in aquaculture innovation. After an opening presentation on the Aquainnovation initiative by John Bostock, Chris Hempleman of Wisefish gave a presentation on their experiences of introducing innovative software products. Panos Christofilogiannis from FEAP gave a presentation on the survey they conducted into the innovation needs of the European fish farming industry. Zdeněk Adámek from the Czech Research Institute of Fish Culture and Hydrobiology presented a case study on reinventing carp as a traditional food fish for Europe and also reported on the 2005 Pond

Aquaculture workshop. Andras Woynarovich completed the presentations with a perspective on his experiences as a participant in the Aquainnovation workshop on environmentally controlled systems in Hungary, and study tour to Germany. The participants then split into four working groups to discuss their own experiences of innovation processes and how they may be stimulated, or how barriers to innovation may be overcome. The outcome of these discussions are being collated and will be published at www.aquainnovation.net in due course.

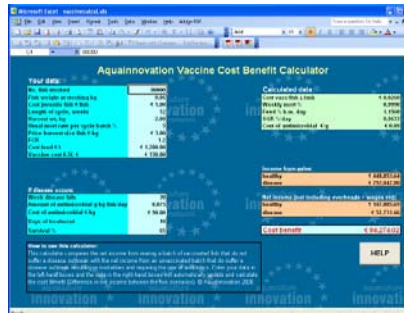


One of the workgroups discussing innovation in the European aquaculture sector

New training module on vaccines

eLearning is a new opportunity opening up with the spread of broadband Internet connections. The Aquaculture innovation Network is seeking to help companies and individuals evaluate this approach to learning and participate in its development, as well as provide some useful resources. The first eLearning module to be made available is on the use of vaccines in salmonid farming. A flash-based multi-media presentation provides a general over-view of the topic with commentary, photographs, notes and video clip of vaccination in practice. After watching the presentation, learners can test their knowledge of key points with a short quiz. There is also a

simple vaccine calculator, and a more advanced cost-benefit calculator which can be downloaded. Finally, a discussion forum provides opportunities for further questions and feedback



“The learning modules use multimedia, quizzes and interactive calculators to introduce key technologies”

New training module on recirculation systems

The second training module is on recirculation systems. The main Flash-based presentation discusses the reasons for using recycle systems and the components that are commonly used. Video clips provide further impressions of working systems. A self-test quiz is provided at the end, and a database of recirculation system suppliers is also available. A downloadable biofilter calculator is also available and a discussion forum provides a means for learners to ask further questions and compare experiences. This approach to eLearning requires partici-

pants to be self-motivated and does not provide formal credits, but gives a taste of eLearning.



“Forums enable users to provide feedback, ask questions and debate the issues”



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Partner focus

Aquacultur Fischtechnik GmbH:

Aquacultur is an aquaculture engineering and supply company based in Nienburg, Germany. It specialises in supporting aquaculture development and innovation, especially in Eastern Europe and the Commonwealth of Independent States. The company is owned by EMF Holding AG, with sister companies in processing, logistics and engineering, providing Aquacultur with ready access to a wide range of expert services.



The company have an extensive catalogue of aquaculture equipment which is fully searchable on their website in English, German, French, Italian, Spanish or Russian, or printed copies can be requested. A magazine (German language) is also produced 2 or 3 times a year to provide useful technical advice and news of new products. The company prides itself in building close relations with its customers and helping to find appropriate solutions. Internationally, it works closely with partner companies in Italy, France, UK, Sweden, Japan and Norway. For further information visit: <http://www.aquacultur.de/>

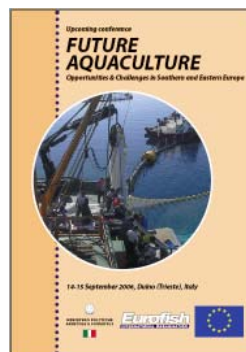
Event focus—Future Aquaculture, 14-15 September, Trieste, Italy

EUROFISH, with the support of the EC Directorate General for Fisheries and Maritime Affairs and Italy, the Ministry of Agriculture, Food and Forestry Policies, is organizing this two-day conference in Duino (Trieste), Italy. The Conference aims to discuss issues that affect the aquaculture industry and make recommendations that will be of use to small and large enterprises in the region and to policy makers and managers in the European Community and its Candidate States. The Conference will provide the most recent knowledge on: Sustainable production and protection of the environment;



Castello di Duino, the spectacular venue for the conference

Access to new technologies and production concepts; The role of the market and of the consumers for the development of aquaculture; Public health; Policies and management. Future Aquaculture will be a forum for exchange of information and will provide ample space for debates and interaction among participants. The programme with speakers can be found at: <http://www.eurofish.dk/index.php?id=3277>. The conference will be in English and Italian and will be followed by visits to trout and sea bass and sea bream farms. Online registration is at www.theoffice.it/eurofish



This project is financially supported by the Commission of the European Communities

