

PRESS RELEASE

Trieste, 11th September 2012

The cross-border network INNOVAQUA at TriesteNext 2012 - Maremangiando: pesca e mitilicoltura nel golfo di Trieste

HEALTH OF FISH-HEALTH OF HUMANS

Researchers and producers allied for the continuous improvement of farmed fish.

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Researchers of **INNOVAQUA** project will describe aquaculture, a growing strategic economical sector. Indeed, to fulfil the ever-growing demand of fish supply by consumers, local and global markets are aiming more and more to produce farmed fish, whether in sea- or freshwater.

Furthermore, researchers will highlight the fact that, thanks to quality and traceability certifications, consumers can purchase guaranteed products, as far as their origin (wild or farmed), their kind of farming (intensive or extensive) and the environmental features of the farming plants are concerned.

By addressing the participants to the short cruise on the Gulf of Trieste, researchers will start addressing the issue of perception and of the possible bias that conditions the choice between wild or farmed fish. Indeed, it appears that preferences continue to be in favour of wild products rather than farmed ones. The former are featured by a higher market cost. Researchers will give their contribution to knowledge about this topic, aiming at solving doubts and perplexities.

A description about the origins of aquaculture will be given, as well as principles of farming methods, an overview about the diverse plants in the cross-border regions, distinguishing between fresh- and seawater.

Researchers will give indications about the nutritional differences of various types of fish food (fresh, canned, smoked, frozen) and some elementary nutritional values, e.g. those about the contents of omega-3 fatty acids. Information will be given about the feeding of farmed fish, the supplementation with antibiotics and other methodologies to warrant the hygiene of farming infrastructures.

Further topics that will be discussed are the organoleptic and safety properties of fish and shellfish and the way the big market distributors of these products deal with regulations and labelling of products.

Researchers will present **INNOVAQUA**, a project funded by the Cross-border Cooperation Programme Italy-Slovenia 2007-2013, which is carried out by small enterprises involved in aquaculture together with research institutions. The project goals at developing technological solutions to increase both the yield and the quality of farmed products.



PROJECT PARTNERS

PARTNER: LP Università degli Studi di Trieste; PP1 Università degli Studi di Udine; PP2 Università di Padova; PP3 Istituto Zooprofilattico Sperimentale delle Venezie; PP4 Shoreline Società cooperativa; PP5 Università di Nova Gorica; PP6 Kmetijsko gozdarska zbornica Slovenije Kmetijsko gozdarski zavod Kranj; PP7 Vodomec d.o.o.

Progetto Rete per l'innovazione tecnologica in acquacoltura finanziato nell'ambito del Programma per la Cooperazione Transfrontaliera Italia-Slovenia 2007-2013, dal Fondo europeo di sviluppo regionale e dai fondi nazionali.
Projekt Omrežje za tehnološko inovacijo v ribogojstvu sofinanciran v okviru Programa čezmejnega sodelovanja Slovenija-Italija 2007-2013 iz sredstev Evropskega sklada za regionalni razvoj in nacionalnih sredstev.



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www.innovaqua.net

The eight partners of **INNOVAQUA**, based either in Italy or in Slovenia, are: the University of Trieste (Lead Partner), University of Udine, University of Padova, University of Nova Gorica, The Veterinary Medical Research Institute of Venice area, the Chamber of Agriculture and Forestry of Slovenia, the SME Shoreline based in Area Science Park, Trieste and the SME Vodomec d.o.o., based in Ljubljana.

INNOVAQUA researchers will describe the expertise available in their network and useful for the producers. These span from infectious disease prophylaxis to environmental analyses by means of analytical chemistry techniques and ecotoxicological biomarkers. In addition, researchers can offer consultancy services about both aquaculture-relevant biology and technology of infrastructures.

Researchers will also describe how they will transfer their knowledge and expertise to the producers. They want to establish periodic contacts with the producers and to develop a specific training scheme for young researchers recruited for this project, so that they will act as the interface between producers and academic researchers. Technological transfer will result from an interactive and shared modality of exchange of information, by which producers will state their technological needs and researchers will provide solutions.

Researchers will stress the project goals, which are better control of fish health and better control of environmental conditions of farming plants. The expected results will be observed in the short and medium terms.

By participating to this event, **INNOVAQUA** will contribute to the implementation of European policies stated in the Cross-border cooperation Programme Italy-Slovenia 2007-2013, by carrying out the following specific project goals:

- Workpackage 3: training of young researchers.
- Workpackage 4: technological transfer.
- Workpackage 5: communication plan.

ACCOMPANYING PERSONS:

Marco Scocchi: professor of biochemistry of the Department of Life Sciences of University of Trieste. He is studying fish immunity against bacterial infections. He is the contact person of **INNOVAQUA**.

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Marco Francese e Paola Frisenda: Shoreline, a SME specialised in research and technology transfer for aquaculture based in Area Science Park Trieste. It is partner of **INNOVAQUA**.

The young researchers recruited by the project.

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2007-2013
cooperazione territoriale europea
programma per la cooperazione
transfrontaliera
Italia-Slovenia
evropsko teritorialno sodelovanje
program čezmejnega sodelovanja
Slovenija-Italija

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