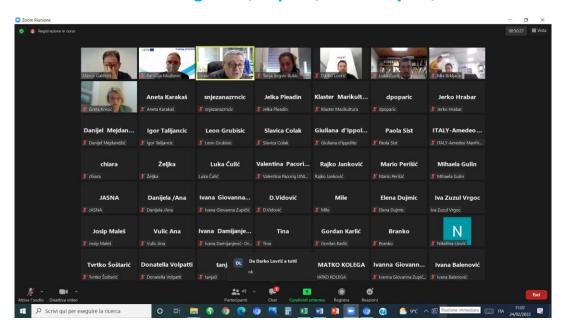


# AdriAquaNet

## Enhancing Innovation and Sustainability in Adriatic Aquaculture

WP 4.4 Trainings for veterinarians and SMES

WP4- Training nr. 4, report, February 24, 2022































#### Introduction

The forth training course entitled "GUIDELINE FOR SUSTAINABLE FARMING OF EUROPEAN SEA BASS AND GILTHEAD SEA BREAM" took place on February 24, 2022 from 11:00 till through the "Zoom platform": https://us02web.zoom.us/j/82339592913?pwd=enVwZkl3NWVuMkNKbWlqZTBqZ2xLdz09

The workshop was organised by the Croatian partners the AdriAquaNet consortium, Mariculture cluster **PP7** and the Croatian Institute of Veterinary Medicine (CVI) in Zagreb **PP1** with the aim to reach veterinarians, biologists, animal producers, agronomists, breeders, operators in the sector, in particurarly Croatian market. The lessons were held in English and Croatian and the translation was provided. 71 participants followed the complete training Cycle of WP3,4,5 activities and got the AAN certificate of attendance.

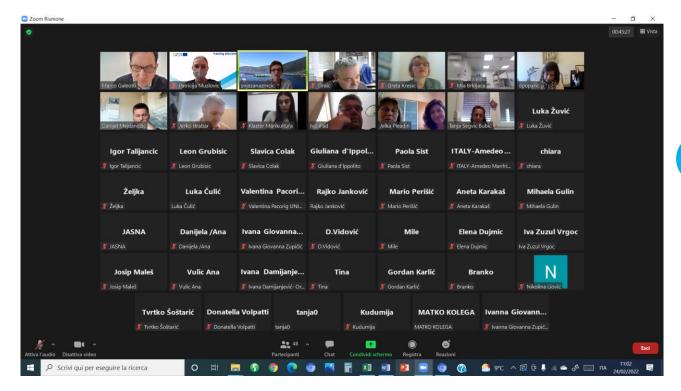
The programme involved 7 presentations of which:

- 1 lesson related to WP3
- 4 lessons related to WP4
- 2 lessons related to WP5

After the registration of the participants, M. Galeotti (LP) introduced the project to the attendees. LP external services LETTERA B was in charged for the zoom connection, PP1 coordinator Snježana Zrnčič was the moderator of the whole course.







Jerko Hrabar, PP3 researcher, was involved as a speaker and participant in the activity 4.4. and he presented a lesson entitled "Probiotics in feed for Glithead Sea bream". Donatella Volpatti and Valentina Pacorig, LP researchers, were involved in the training as participants and relators and Valentina held the lesson entitled "Application of marine natural products in health management of Gilthead Sea bream and European sea bass". Dražen Oraić, PP1 researcher held a lesson on "Vaccination strategy in European sea bass farming", while Amedeo Manfrin, PP4 coordinator and researcher presented a lesson on "Welfare in sea bream and sea bass farming".

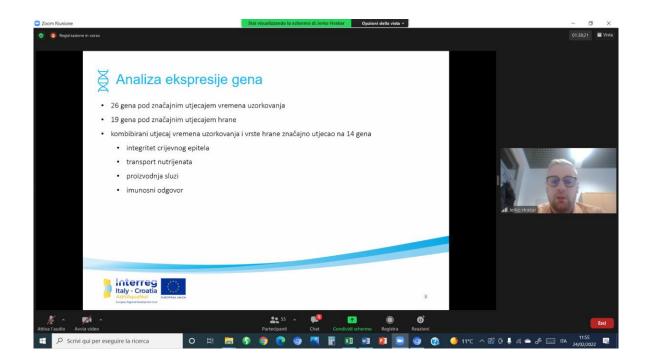
#### **Topics**

The following presentations regarding WP4 was discussed among the participants and all relators present debated about:

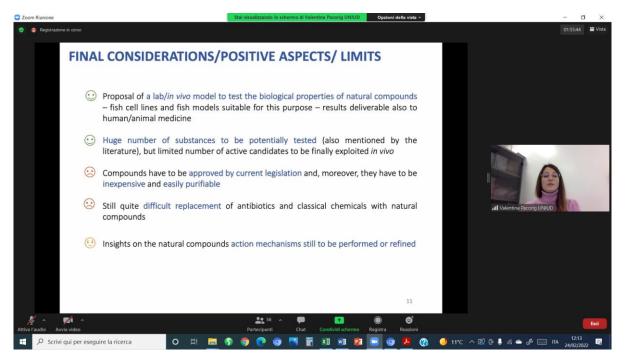
- 1. The importance of probiotics in fish feed in mariculture.
- 2. The tests performed during the AAN project on 3 different feeds: new feeds and comparison with the commercial feed.
- 3. Fish vaccinations and alternatives with application of marine natural products.

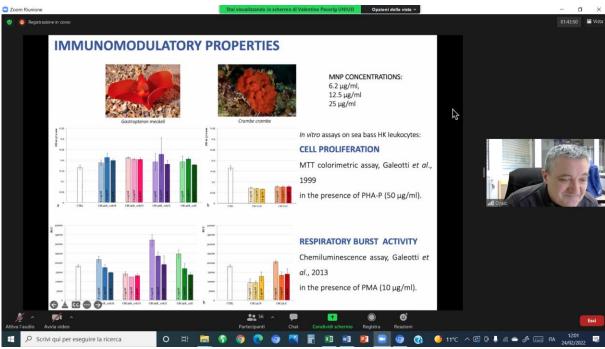


- 4. Vaccination strategy in European sea bass farming.
- 5. Welfare indicators (WIs) as observations or measurements that provide information about the extent to which the animal's welfare needs are met and Laboratory Based Welfare Indicators (LABWIs) aas WIs that require access to a laboratory or other analytical facilities to provide useful information.
- 6. Welfare Indicators that can be used in an on-farm welfare assessment are termed Operational Welfare Indicators, how are they classified and how we discussed them with the farmers involved in AAN tests. New AAN check list of WI.

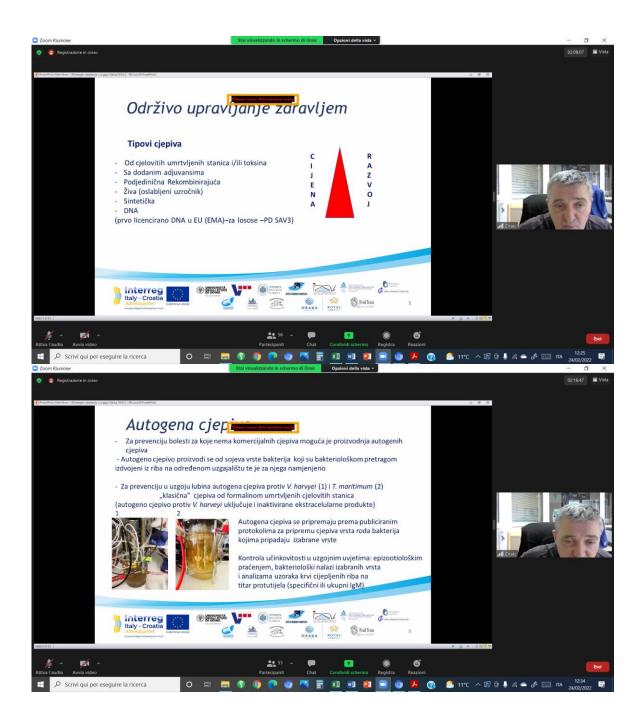




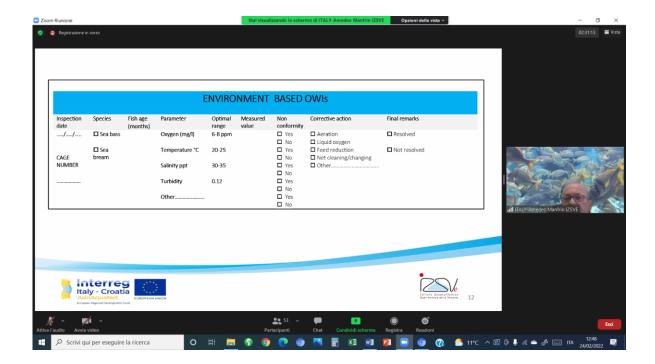












The following deliverables were produced and put in SIU:

- 1. Agenda in EN and CRO
- 2. Participant's attendance certificates
- 3. Minutes of discussion with attendees
- 4. Presentation of lessons and training materials

### **Conclusions and Next Steps**

The following training will also be organized online due to sanitary situation caused by Covid-19 emergency, on March 10, 2022 by Croatian partners.