



Activity T3.3 - B_B Transnational Cross-Field Visits

**Cross Field Visit Programme
Apulia Region (Italy)
17-18.07.2018**

AGENDA 17.07.2018

Logistics

13.00	Departure from Bari to Giovinazzo by bus
13.30	Lunch break in Giovinazzo(PPs + participants to CFV)
15.30	Departure from Giovinazzo* (BA) to Manfredonia (FG)
17.00	Arrival at the venue of Consorzio Gargano Pesca: Cross-field visit
18.30	Departure from Manfredonia (FG) to Giovinazzo (BA)/Bari
20.00	Arrival

The off shore cages are located in Manfredonia Gulf 3,5km from the seashore connected by a dock . All the operational phases are performed by crane and dedicated barges. A specific CRM has been created to perform the process phases in order to reduce the labour intensive risks and to improve the safety and security of operators. The nursery is established on the land side just in front of the off shore farm but in Monte Sant'Angelo territory. It is a plant of 6.000 square meters on two floors are identified 5 different production lines: seaweed; flat fish; nursery for clams, oysters and sea urchins, laboratories. They are both connected to the national motorways A1 in less than 25 minutes through the SS.89.

DESCRIPTION OF THE STRUCTURES TO BE VISITED	POTENTIAL BENEFITS FROM THE VISIT
<p>Consorzio Gargano Pesca is a consortium established in 2004 composed by 4 different companies high specialized in different field of sea aquaculture and Blue Economy.</p> <p>The consortium is situated in Apulia Region, Gargano Area and covers Italy, Europe and Med area with its product. There are five different farms located in Manfredonia Gulf, Monte Sant'Angelo and Varano Lake.</p> <p>The consortium works in the field of Blue growth through the implementation of the aqua farm in the following ways: N.2 off shore sea fish farm for sea bass, sea bream in Manfredonia Gulf - 1 conventional 1 biological; N.1 raceway farm for seashell seeds production - nursery (oysters, sea urchins and clams); N.1 on land flat fish farm; N.1 Seaweed farm; N.2 floating long line farm for oysters, black mussels and clams in Manfredonia Gulf and Varano lake.</p> <p>The level of production of 2017 is described as follows: 12.000 tons of sea bass and sea bream; 10.000 tons of black mussels; 4.000 tons of clams seeds; 3.000 tons of oysters seeds; 6 million litres of seaweed; 1.000 tons of oysters; 2.000 tons of clams.</p> <p>Consorzio Gargano Pesca, is the holder of a state-</p>	<p>Consorzio Gargano Pesca represents by itself the 80% of production from Apulia Region and contributes by 30% to the Italian production. It has more than 20 years old experience in the field of blue growth and integrated aquaculture. The main benefits are related to the following items:</p> <ol style="list-style-type: none">1. Logistic: from a logistic point of view, the farm is at the forefront of the model of crane use and of the mechanic for the safety of operators and animal welfare. It is a unique system of cranes and dock connection which allow a very quick system of feeding, harvesting and maintenance2. Biological level: the visit allows to become aware about the benefit of integrated aquaculture as from of industry protecting the environment and jobs toward a sustainable economy.3. Supply chain: it will be demonstrating how it is possible from organic production based on sea water treatment to develop food, cellulose, seaweed oil, powder, protein and polymers for different industry. <p>In general terms, the visit will demonstrate the possible sustainable business in blue growth</p>

<p>owned concession of a surface of 750,000 square meters of water in the Gulf of Manfredonia, municipality of Monte Sant' Angelo, where it carries out activities of integrated Aquaculture both for fish and sea shells. It is active in terms of aquaculture production and marketing since 2006. The company associates in a consortium form 4 companies operating in the aquaculture and fisheries sector in various sector along the supply chain: Tortuga Srl, Algesiro srl, Marica Scarl, Lanternino scarl.</p> <p>More info are available in the attached info sheet.</p> <p>The agenda proposed for Blue Boost project foresees the visit to the following structure:</p> <ol style="list-style-type: none"> 1. Tortuga: Off shore cages the visit will take around 45 min. The guests will be received on the dock from the Consorzio Gargano Pesca's President, Mr. Algesiro Cariglia who will give a short explanation of the life cycle and logistic. Then the group will be host on a dedicated barge to visit the cages and the different modality of feeding and harvesting. 2. Algesiro Srl: Nursery. The visit will take around one hour comprising the transfer from the dock to the inland site by bus. Mrs. Francesca Cariglia, the legal representative, will welcome the guests and introduce the factory. Mrs. Michela Cariglia, PM of the consortium, will illustrate all the life cycle both for sea shell and seaweed production. Q&A session. Cocktail with seafood and local products. 	<p>sector with the implementation of form of responsible aquaculture.</p>
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*The venue will be specified ASAP

AGENDA 18.07.2018

Logistics

12.30	Departure from Bari to Giovinazzo by bus
13.00	Lunch break (PPs + participants to CFV)
15.30	Departure from Giovinazzo (BA) to Torre a Mare (BA)
16.00	Arrival at the venue of “Coispa”, experimental laboratories for the sea resources studies
	Cross-field visit – first round (15 persons)
17.30	Cross-field visit – second round (15 persons)
19.00	Departure from Torre a Mare (BA) to Giovinazzo (BA)/Bari
19.30/20.00	Arrival

COISPA will host 2 visit rounds for 15 persons/1 hour, for a maximum of 30 persons.

The operational HQ of COISPA is located near the marina of Torre a Mare – Bari and houses: offices, laboratories and facilities for the experimental aquaculture. The first part of the visit will deal with the presentation of the COISPA activities and then participants will visit an Experimental Aquaculture Laboratory.

DESCRIPTION OF THE STRUCTURES TO BE VISITED	POTENTIAL BENEFITS FROM THE VISIT
<p>COISPA is a cooperative of researchers and technicians practicing an interdisciplinary approach to carry out applied research to the study of living marine resources, marine environments, fisheries, aquaculture and production of eco-system services.</p> <p>In particular, COISPA laboratories are:</p> <ul style="list-style-type: none"> • Laboratory of Ichthyology and Marine Ecology (LIME) • Modelling Laboratory (MOL) • Experimental Aquaculture Laboratory (EAL) • Energetic Metabolism and Telemetry Laboratory (EMTEL) <p>The laboratory carries out research activities to develop protocols and good farming practices for sustainable aquaculture and outline rules and procedures for carrying out process and product certifications; monitor and assess eco-physiological responses to fish stress factors in different housing conditions;</p> <ul style="list-style-type: none"> - monitor the effects of eco-friendly diets on the growth performance, health and welfare of fish. <p>More info: here</p>	<p>Participants will visit Experimental Aquaculture Laboratory (EAL) whose core objectives are the progress of sustainable aquaculture models, organic aquaculture and the conservation of aquatic organisms at risk.</p> <p>Participants will visit a meaningful innovation structure dealing with offices, laboratories and facilities for the experimental aquaculture.</p> <p>In particular, the Experimental Aquaculture Laboratory and rearing facilities will be presented to participants interested in aquaculture.</p> <p>The rearing facilities include tanks ranging from 150 to 15,000 liters, in open flow and recirculation systems. The rearing facilities comply with the EU regulations for animal experimentation and have been authorized by the Italian Ministry of Health to operate as a "Animal farm for experimental and scientific purposes" pursuant to D. Lgs 26/2014.</p>