

High level going-over Visit of H.E. Elsayed Elkosayar – Minister of Agriculture and Land Reclamation and H.E. Adel Elghadban – Governor of Port-Said to the site of MADEII project in Port-Said

At the end of his visit to Port-Said, H.E. Elsayed Elkosayar – Minister of Agriculture and Land Reclamation and H.E. Adel El-Ghadban – Port-Said Governor went-over some facilities that belong to MADEII project, to arrange for project opening.



H.E. the Minister of Agriculture mentioned that MADEII project is characterized by its dependence on salty water marine aquaculture instead of fresh or tape water. The project is considered as the first model in Egypt and the Middle East. Beside the fish farm there is a marine hatchery in Ashtom Elgamel region which provides the fingerlings, in addition to a laboratory for fish diseases detection and treatment and also to follow up fish and water quality.

Dr. Mohamed Elaraby – MADEII project Manager highlighted that the project in El-Raswa region, Port-Said is a station to produce Mulet fingerlings. The site of MADEII project belongs to GAFRD with a total area of 100 fd. This site was out of service due to problems in the water inlet source, however MADEII project supported this site with 4 artesian wells to provide water. These wells are working alternatively to provide water to the multi-trophic fish farm.

This farm has been approved from 2014 in Bari conference as a model farm that shall be replicated for water reservation in Egypt. The wells are providing water to the built basins for intensive fish farms with high quality production. Each basin has capacity of 250 m³ of water, which will produce about 3 tons of marine fish. water outlet from these basins is used as inlet for the production of shell fish in water canals. This technique is very useful for water filtration from the suspended organic matters.

The filtered water is used in 3 other basins for the production of Mullet fish, muses fish, Croacker and shrimps, each type of these fishes is being cultivated with Mullet fish. water outlet from this stage is being used for the production of algae to extract ammonia from water, then algae is used for the extraction of bio-fuel.

Extracted algae is used as bio-fertilizer in agriculture. Water from the final stage of filtration is used for irrigating the rest of 95 fd in El-Raswa station and also for 1000 fd belong to El-Noras association for youth.

Finally, water reaches Elmanzala lake to improve its characteristics to attract fish to increase its economic value.



MADEII project components: -

1. Multi-trophic fish farm with integrated feeding system which applies EU condition for exportation. This farm is being qualified to export fishes with high level of bio-safety rules, the farm productivity reaches 50 Tons from different marine fishes.



2. Marine fish hatchery to provide fish farms with fingerlings of Croaker and Muses fish which are highly demanded in the EU countries and according to their requirements in fish exportation;

3. specialized fully equipped laboratory for the detection of marine fish diseases to reach a high level of performance certified from the EU to facilitate exportation of the production of marine fisheries;



4. extension and training center to raise farmers' awareness and provide technical support and fingerlings to fish farmers and national projects. Since farmers will fulfill the traceability procedures through using certified and inspected fingerlings, they will be able to increase exportation.



Visit of H.E. Mostafa El-Cayad – Deputy Minister of Agriculture and Land Reclamation to the site of MADEII project in K21

H.E. Mostafa El-Saeed – Deputy Minister of Agriculture and Land reclamation visited MADEII project site in K21.

H.E. Eng/Mostafa El-Cayad launched this visit in the framework of the preparation to the ministerial visit of H.E. Dr/ Mostafa Madbouly – Head of the Ministerial Cabinet and H.E. Mr/El-Sayed El-kosayar – Minister of Agriculture, to MADEII project sites.

Eng/ Mostafa was very proud of the achievements that the project has made, he also affirmed that all these successes and initiatives will raise Egyptian capacities in the field of marine aquaculture and it will also benefit fish farmers to export their production especially to the European markets.



Group photo for MADEII project team



Project activities and results

Project's Logical Framework is the basis for measuring project progress, and the following table highlights project expected results and the status of the planned activities during March 2021:

| Expected results | Planned activities | Status |
|---|---|-------------------------|
| R1 A marine aquaculture strategy, including a Road Map for supporting the private farmers is defined | A.1.1 Inception phase | Done |
| | A1.2 Definition of a Master Plan for main costal area | Done |
| | A1.3 Organization of stakeholder consultation events | Ongoing activity |
| | A1.4 Creation and dissemination of Web Newsletter and website management | Ongoing activity |
| R2 A model multi-trophic farm (integrate rearing system) is established and operating | A.2.1 Launch the Tender | Done |
| | A.2.2 Construction of the multi-trophic farm. | Done |

Photos



Al-Raswa Multi-Trophic Fish Farm



Marine Hatchery in Port Said

| <i>Expected results</i> | <i>Planned activities</i> | <i>Status</i> |
|---|--|---------------|
| R3 A veterinary laboratory is established to support disease control in private farms. | A3.1 Launch the tender | Done |
| | A3.2 Construction of the veterinary Lab | Done |

Photos





Civil works for the laboratory building

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| R4 Marine hatchery in k21 Completion with new technology, knowhow and operating | A4.1 Contract with engineering consultant. | Done |
| | A4.2 Complete the civil and Construction of the marine hatchery | Done |

photos



K21 marine hatchery



Algae basin



Football ground inside K21 site

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|--|---|--|
| R5 The capacities of GAFRD to assist the private sector as well as its human resources are enhanced | A5.1 International training in Italy on fish diseases for 10 GAFRD technicians | Done |
| | A5.2 On-the-job training 40 GAFRD technicians in marine aquaculture | Done |
| | A5.3 International study tours (3) in Italy addressed to 18 GAFRD technicians | Done |
| Project National Manager <i>Dr. Mohamed Elaraby</i> | | Project Institutional Coordinator <i>Prof. Salah Mselhy</i> |
| | FAR <i>Prof.Saad Mousa</i> <i>Dr. Hoda Raouf</i> | Financial Manager <i>Mr. Ahmed Moustafa</i> <i>Mr. Ahmed Aly</i> |
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