DIVERSIFY-Exploring the biological and socioeconomic potential of new/emerging fish species for the expansion of the European aquaculture industry

Knowledge transfer workshops - Atlantic halibut
Athens, 18 September 2018

Co-funded by the Seventh Framework Programme of the European Union

Rocio Robles
Dissemination leader
CT-AQUA
Cadiz, Spain

Constantinos (Dinos) Mylonas
Project Coordinator
HCMR
Crete, Greece
37 partners:

20 Research/Universities
9 Small Medium Enterprises
2 Large companies
5 Professional associations
1 NGO

- Enhancing the EU aquaculture through species diversification

2013-2018
11.8 million €
Problem with Mediterranean species

- Small (plate size), difficult to prepare, w/bones
- Consumers prefer fillets, steaks, ready-to-cook
- Growing fish larger is limited / inefficient (>3 y!)
Choice of new/emerging species

- greater amberjack
- Pikeperch (fw, RAS)
- meagre
- grey mullet (omnivorous, euryhaline)
- wreckfish
- Atlantic halibut
Bottlenecks of the six species

- **meagre** *(limited genetic variation, nutrition, health)*
- **greater amberjack** *(reproduction, juvenile production, parasites)*
- **wreckfish** *(broostock availability, reproduction, juvenile production)*
- **Atlantic halibut** *(reproduction, juvenile production, health)*
- **grey mullet** *(reproduction, larval rearing, nutrition)*
- **pikeperch** *(juvenile production)*
Socioeconomics bottlenecks

- perception of aquaculture products
- market demand, buyer preferences
- new product development, value adding
- market development
Greater amberjack - results

- Development of broodstock management and spawning induction methods, first spawning of F1 stocks
- Larval rearing methods and production of juveniles
- First commercial on growing trials in sea cages
- Health management (parasites) and immune system characterization
Dissemination - www.diversifyfish.eu

Access to
- Presentations from all annual meetings
- Scientific articles
- Technical Manuals (species specific)
- Presentations from this workshop
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Hjelmeland, 11-12 September 2018

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