

Knowledge transfer workshops - Atlantic halibut  
Athens, 18 September 2018

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



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



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New species for EU aquaculture



# 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)



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](http://www.diversifyfish.eu)

www.diversifyfish.eu     



NEWS ABOUT DIVERSIFY SCIENTIFIC ARTICLES DISSEMINATION INTRA  
SPECIES WORKSHOPS MEETINGS & ACTIVITIES

Grey mullet workshop

Pikeperch workshop

Wreckfish workshop

Halibut workshop

Amberjack workshop

Meagre workshop



The greater amberjack (*Seri*  
a five-year project to advance  
satisfy an expanding European  
large marine fishes as an alte  
growing fish would allow the  
looking for more convenient an

## GREATER AMBERJACK KNOW-HOW TRANSFER WORKSHOP

### Access to

- Presentations from all annual meetings
- Scientific articles
- Technical Manuals (species specific)
- Presentations from this workshop





# Knowledge transfer workshops - Atlantic halibut Hjelmeland, 11-12 September 2018



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