



Showcase of the results of the EU innovative Blue Economy projects. Monday, 12th September, 15:30 – 17:00

ARRAINA aims at developing sustainable aquafeeds with low levels of fish meal & fish oil using alternative plant protein and lipid sources and analysing the consequences

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At a global level, aquaculture supplies nearly 50%

EU: 24% of the 23 kg per capita consumption of seafood comes from aquaculture

Formulated compound Aquafeeds in Europe : about 4 mio tons of aquafeeds

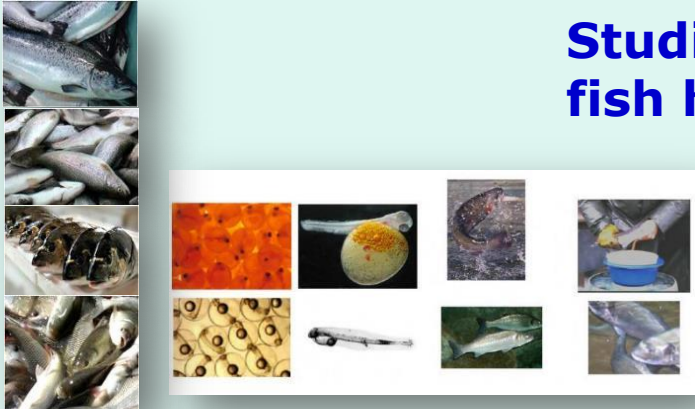
Aqua Feeds : nutrient dense, protein-rich, high-fat, high energy

= 1,6 mio Tons of proteins; 0,5-0,6 mio tons of fats

This project has received funding from the European Union's FP7 Research and Innovation Programme under grant agreement no 288925

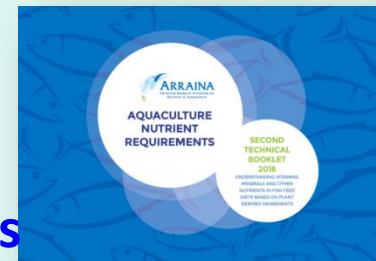


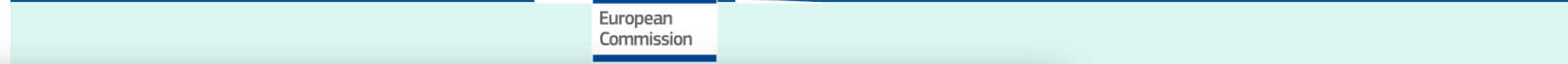
Studies undertaken with five major species of fish having different life cycles



Improved knowledge on nutrient requirements
Long-term trials with low FM/FO feeds in link with producers

Confer flexibility in the choice of feedstuffs for the aquafeed Industry
Develop micronutrient mix adapted for low FM/FO feeds
Develop feeds with improved nutrient availability
Web-based tool to assess environmental impacts of feeds
Validated through a “Proof of Concept” challenge





**Consortium of 10 RTD & 11 industry / SMEs, feed companies, farmers..
Stakeholder advisory board (FEAP, FEFAC, EAS, ASC, IUCN)**

Validate results across the sector

Confirm the high resource efficiency of fish farming sector

Integrate information gained here for other initiatives

Develop future feeds for “Marine agronomy”?

Assert EU lead in the fish feed industry

Feed / Breed Interactions

Prepare / Programme fish for the future ?