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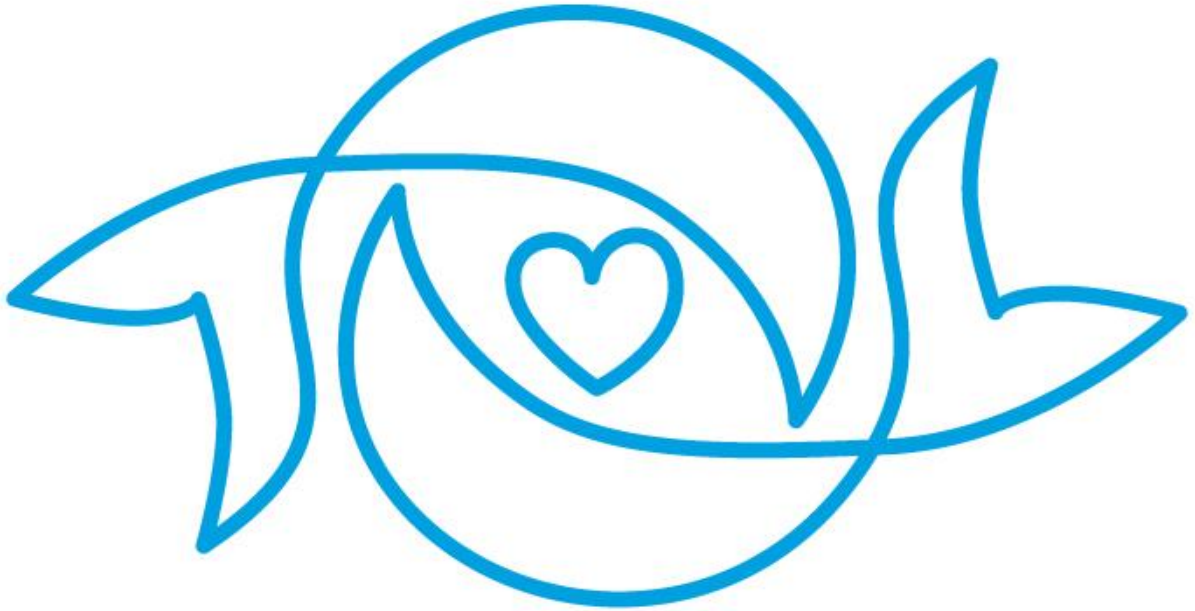
HEALTHYFISH



HEALTHYFISH

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app_HEALTHY_FISH

INNOVATIVE TOOL TO QUALIFY THE STAFF OF AQUACULTURE FARMS IN HEALTH AND WELFARE OF FISH (app for mobile and tablet)

2015-1-ES01-KA202-015862

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Title: INNOVATIVE TOOL TO QUALIFY THE STAFF OF AQUACULTURE FARMS IN HEALTH AND WELFARE OF FISH IN THE AQUACULTURE FARM (app FOR MOBILE AND TABLET)

Programme: Erasmus+

Key action: KA2: Strategic Partnerships - Cooperation for innovation and the exchange of good practices

- **Acronym;** app_HEALTHY_FISH
- **Project duration:** 2nd November 2015 – 1st November 2017 (24 months)

Partners		Country	Role
ASOCIACION EMPRESARIAL DE PRODUCTORES DE CULTIVOS MARINOS	APROMAR	Spain	Applicant
SGS TECNOS	SGS	Spain	Partner
ASSOCIAZIONE PISCICOLTORI ITALIANI	API	Italy	Partner
DOKUZ EYLUL UNIVERSITESI	DOKUZ	Turkey	Partner
CROATIAN CHAMBER OF ECONOMY	CCE	Croatia	Partner

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NEEDS: WEAKNESSES IN AQUACULTURE SECTOR:

1. The **control of the fish health in aquaculture farms is one of the weak points** of this industry that is less developed so much to level of the own productive sector as in the **training systems**. In case of the **welfare** of the fish this delay is still major.
2. **inadequate "professionalization"** of the fish farm employees due to every country **trains with a different contents.** This fact impedes the geographical mobility of the fish farm employees.
3. The **training** of this sector is given by **traditional technologies** of learning in "all" countries associates. This joined with the strong **geographical dispersion** of the farms of aquaculture (located besides in remote places), impedes the training of the staff.

Through the development of the contents on health and welfare of fish and developing :

- a Standardized Training Program at the European level, the sector would become **more professional**,
- allowing a greater **mobility** of the staff
- With the use of **ICT**, the educational quality would be improved,
- facilitating its access from anywhere.

The OBJECTIVE is to provide and to advise to the sector with a:

- **TRAINING PROGRAM** AT EUROPEAN LEVEL which will include the skills undeveloped currently: HEALTH AND WELFARE of fish of aquaculture farms (*digital support, English, Turkish, Croatian, Italian and Spanish)*

- **App** for mobiles and tablets (IOs and ANDROIDS). From the app, users can access to the different modules, get on the course forum, write messages and receive notifications. Linked with social networks that treat common topics with the aims of the project English, (*Turkish, Croatian, Italian and Spanish*)

EXPECTED IMPACT

- To favor the **standardization of the training for professional** qualification of staff of the aquaculture sector at European level
- Provision of learning and **innovative materials of training**
- To favor the access to the **e-learning and ICT**
- To facilitate the vocational training
- Promotion of the linguistic diversity
- Professionalization of the fish farm employees and sector.
- Improvement of the access to the training, both face to face and **distant learning**
- **Provision of an in**novative materials and system of training

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STRUCTURE

transversal

- WP1: MANAGEMENT, COORDINATION AND EVALUATION
- WP2: ANALYSIS FOR THE DEVELOPMENT OF THE EUROPEAN TRAINING IN THE SUBJECT
- WP3: DEVELOPMENT OF "EUROPEAN TRAINING PROGRAM" AND THE "app_HEALTHY_FISH"
- WP4: DIFFUSION AND EXPLOITATION OF THE PROJECT AND ITS RESULTS PROJECT

transversal

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3 Intelectual outputs

IO1: ROUTING SHEET FOR THE DEVELOPMENT OF TRAINING TOOL AT THE EUROPEAN LEVEL: "HEALTHY_FISH" *(English)*

- **WP2: ANALYSIS FOR THE DEVELOPMENT OF THE EUROPEAN TRAINING IN THE SUBJECT**
- **WP3: DEVELOPMENT OF "EUROPEAN TRAINING PROGRAM" AND THE "app_HEALTHY_FISH"**

IO2: EUROPEAN AND STANDARIZED TRAINING PROGRAM: HEALTHY_FISH " *(English, Italian, Turkish, Croatian and Spanish)*

IO3: APPLICATION FOR MOBILE AND TABLET: app_HEALTHY_FISH" *(English, Italian, Turkish, Croatian and Spanish)*

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IO1: ROUTING SHEET FOR THE DEVELOPMENT OF TRAINING TOOL AT THE EUROPEAN LEVEL.

- The IO1 has been the work basis to develop the Training program.
- A complete report of the state of training in aquaculture in participant countries. A resume of the contents and a comparative
- Available at: http://www.apromar.es/healthyfish
- It contains:

Analysis of the knowledge needed to manage adequately the health and welfare of the fish in aquaculture farms
Study to improve of the current training contents with the new contents
Routing sheet for the development of training tool at the European level: "Healthy_fish"

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IO2: Development of the "STANDARIZED TRAINING PROGRAM (HEALTHY_FISH)"

- The consortium has created a complete training program composed of 11 training modules

- This training program is available in paper format at http://www.apromar.es/healthyfish

- Available in 5 languages: ES, IT, TK, HR, EN

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#	TRAINING MODULE TITLE	RESPONSABLE PARTNER
1	Technologies and production management of auxiliary cultures	CCE
2	Analytical technologies and methods of sanitary control in fish farming	CCE
3	Technologies and production management of molluscs	API &APROMAR
4	Technologies and production management of crustaceans.	APROMAR
5	Facilities, innovation and systems of automation in fish farming	API
6	Environmental Management of the aquaculture processes	DOKUZ

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#	TRAINING MODULE TITLE	RESPONSABLE PARTNER
7	Ornamental aquaculture	API / APROMAR
8	Project of implantation of a center of aquaculture production	API
9	Risks management: Chemical and biological hazards	APROMAR
10	Aquaculture Products. Processing trade and Public Health	API
11	Best Practices in aquaculture farms	API / APROMAR

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IO3: APPLICATION FOR MOBILE AND TABLET: app_HEALTHY_FISH"

Design and Programming of the application

- An APP is being designed
- Based on an Open Access Moodle Platform
- Includes evaluation questionnaires for the modules:
  - ✓Multiple choice questions (4 options).
  - ✓Only one right answer.
  - ✓At least 30 questions per module (only 10 will be asked randomly in each evaluation)
  - ✓Text based questions –no images-
  - ✓Questions covering all the different sections of the module proportionally.

http://apromar.es/healthyfishapp/

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THANK YOU FOR YOUR PARTICIPATION