“Qualification of Vocational Education and Skill Training for Aquaculture Sector in Europe”

(Project No:2012-1-TR1-LEO05-35110)

http://fishfarmeurope.eu
WHAT IS FISHFARM

FISHFARM is an European transfer of innovation project funded by EU LdV. FISHFARM dedicated to training in the aquaculture sector. The project will run from November 2012 to October 2014.

FISHFARM OBJECTIVES

✓ FISHFARM aims to create sustainable scientific curriculum for fish culture and cage rearing operations towards solving persistent problems in aquaculture.
✓ The project overall goal is to develop a new curriculum for fish farmers who are producing fish in the sea and freshwater in Europe, collecting all the last information and research as is done on the last developments aiming at finding solutions to recently emerged problems with fishes.
✓ It will also teach the EU legislations related to fish farming to fish farmers in EU new member and pre-accession states in Europe.
✓ The project will create innovative training resources through transfer of innovation of Ostrich and Sheepskills training resources, their update and further development according to the needs of target groups. Specific attention will be paid to quality and attractiveness of these resources and training methods. This will be also evaluated through the pilot training.
✓ The objectives set to realise this goal are a series of guided activities leading to collect the best available information regarding:
  ▪ Water ecosystem,
  ▪ Water quality, quantity and filtration,
  ▪ Fish farming methods, equipments,
  ▪ Brood stock management,
  ▪ Larval culture and nutrition,
- Larval stage and fish diseases,
- Sanitation and biosecurity,
- Feeding and feed additives,
- Contaminants (PCBs, dioxin, heavy metals, drugs),
- Applying HACCP for fish farming to product safety,
- Good practices in fish farming,
- Responsibilities of fish farmers for EU legislations,
- Economic aspects of fish farm in Europe,
- Contributions to sustainable agricultural production,
- Guidelines for beneficiaries and trainers in vocational and continuing education centers (public and private),
- Best practice models in partner countries, develop these in a training program for fish farmers.

THE ACTIVITIES

- e-learning,
- e-collaboration,
- ICT (Information and Communication Technology),
- Dissemination and valorization activities (seminars, courses, media activities and accreditation)

TARGET GROUPS

- Staff in fish farming and fisheries,
- Staff of fisheries’ associations, cooperatives-members,
- Fish feed manufacturers,
- Fish nutritionists,
- Equipment manufacturers for cage fish farming,
- Teachers and trainers from vocational and continuing
education centers on fisheries,
✓ Labor employment agencies and VET systems,
✓ People who wants to be a fish farmer, and other related public and private stakeholders in regional development.

**TYPE OF TRANSFER**

From
HUNGARY + ICELAND
(Ostrich project) (Sheepskills project) to
TURKEY-POLAND-LITHUENIA-ITALY
and
ICELAND-HUNGARY
(different sector)

**OUTPUTS OF FISHFARM**

1. The European FISHFARM portal with integrated training modules into the e-learning,
2. Handbook on European FISHFARM with DVD/Zip-Stick,
3. Need analyses and consultation reports,
4. Dissemination materials and conferences.

**WORK PACKAGES**

WP1: Management and coordination of activities
WP2: Quality Management Plan
WP3: Dissemination
WP4: Development 1: Need analysis and definition
WP5: Development 2: Development of portal, adaptations, localizations, production of further resource
WP6: Development 3: Validations, demonstrations and adaptation
WP 7: Exploitation

**EXPECTED IMPACT**

- Fish farmers have small scaled fish production capacity in rural areas and medium-large sized fish farmers have worse access to professional trainings and courses. The seasonality of the production and necessity of being all the time in the farm limits farmers and rural areas inhabitants to attend in the traditional courses or trainings. So the e-learning system has big influence on the VET system in all partners countries because less people to get professional knowledge in many topics.
- This system let them save the time, money, and effort and it could give them possibility to get knowledge in their profession which will help to lead their livestocks more effectively.
- Balıkesir University and Çanakkale Onsekiz Mart University will accredit the FISHFARM courses under the ECTS and ECVET schemes. Innovative training resources will contribute to the content of training resources in the sector of Turkey.
- Through their networks they will also try to make an impact in further European countries and in developing countries. Innovative training resources will contribute to the content of training resources in the sector of partners' countries.

**INDICATORS FOR IMPACT**

- In figures, the portal will attract 250 users daily and 6 pilot testing.
- The consortium members will offer at least two targeted workshops every year with 20 participants each.
- An attractive handbook/DVD-Zipsticks will
be published/prepared (1500 Handbook/DVD-Zipsticks to start with).

✓ The universities (TR, LT) and research institute (IS) involved will publish research papers (2 per year).

✓ The Associations (HU, PL, IT) and the Cooperative (TR) will organize dissemination workshops (2 per year), publish and distribute brochures (1000 copies)

✓ The curriculum delivers 10 times at each of three universities (TR, LT) with 20 students on average (600 students).

✓ Each partner will distribute the materials and knowledge among their beneficient by attending in exhibitions, fairs, seminars and workshops.

✓ The project will be promoted with all fish farmers' associations in partner countries and beyond. Universities and consultants interested can use and exploit materials free of charge.

✓ All the partners involved will actively present results at conferences related to innovation in learning and regional development.

✓ Briefly, the expected impact are trained fish farmers, distributed brochures and pocket books, pilot training, dissemination workshops and visiting website

FISHFARM CONSORTIUM

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