Blue Workbased Learning

#02

Guri Kunna VET school

Trøndelag County

Norway

Contact: Dag Willmann,

dagwi@trondelagfylke.no

Guri Kunna
videregående skole

AQUA HOW AND WHY

Our new projects will investigate, define, test, evaluate and validate a new innovative system for developing and applying in company mentor supported learning within aquaculture VET, paying particular attention to enhanced access to workplace-based training within the Blue sector for staff that have disabilities and educational difficulties.

It will be based up on offering transparency and recognition of skills and qualifications by evaluating students motivation and acquired aquaculture experience during the mentoring supported learning activities. This will be done by inventing a number of open cases from the farming sector, in combination with a new type of pre-testing that documents student's pre-aquaculture knowledge and skills.

The test will be designed to support staff that has educational difficulties by applying multimedia material constructed by instructional designers.

The open cases will be applied in a work-based training delivery system supported by in company based mentors, to determine and demonstrate the benefits.

WORKBASED DELIVERY OF VET

The proposed new system solutions offer transparency of skills and qualifications in such a way that VET schools in partnership with regional/local farms may offer adapted training solutions to their aquaculture VET students.

In addition, fish farming companies will apply the transparency of skills to develop a new learning culture at the cages that is based up on developing mentoring support during group work and individualized learning at the farms.

The proposed system solution proposes a new method and service to investigate and recognize those students that have obtained aquaculture skills and qualifications, but is challenged by educational difficulties and/or disabilities

linked to for instance early school leaving.

This is of particular interest when preparing for the theoretical education and training, leading to an exam that is part of the National Qualifications (NQs) in Norway.

In addition, it will let VET schools offer better adapted training and fish farms to don`t encourage their staff to start on theoretical courses before they have obtained a minimum of experience, to be documented and validated through the new projects.

Workbased Aquaculture Vocational Education and Training (VET)

AQUA VET LEARNING

Fin-fish farming industry must, due to fast technological development, start offering more specialization. Equipment become more complex, expensive, larger, heavier, etc., thus requiring better training and expertise knowledge.

Our projects support development of high-quality skills and qualifications for staff at marine cages, by developing and establishing a horizontal in company mentor supported learning culture within fish farms, that apply carefully designed open cases. This will lead to more time- and cost- effective delivery of workplace-based learning consisting of a combination of e-learning and on-site flexible learning solutions. Our new projects offer training of aquaculture teachers that may apply new methods and tools to develop high-quality skills in other VET sectors.

01

02

03

We develops methods for sharing of in company mentor supported learning, which VET schools will apply to improve and enhance current fish farms business partnerships, while at the same time improving the partnership between the schools and the companies. This is obtained by determining the group and each individual learner existing knowledge,

skills and experience. Subsequently, this allows VET schools to better target their teaching of the theoretical training activities and courses in aquaculture.

This is culminating in start establishing a proposed VET supply forum that gives input to required industry qualifications and

workplace training. This will address previously neglected workforce development issues, sustaining the momentum generated by partners and thereby contributing to the sustainable growth of marine fin- fish farming through new learning methods including and enhancing ICT and greening of skills.

NEW!
Improved workplace
learning processes

FISH FARMING

GOES WELL WITH!

Workplace VET

PROGRESSIVE AQUA VET

We apply an innovative method to close skills gaps in the fin-fish aquaculture industry, paying particular attention to digital and green skills that may contribute to the ESCO revision and classification of skills, knowledge, competencies for aquaculture. It proposes a strategy for the collaborative development by engaging key aquaculture industry and VET schools to start developing a "harmonized" VET system based up on joint NQs in the 3 European countries farming salmon and trout.

Thus includes developing develops joint aquaculture VET qualifications in 3 European states, culminating in a harmonized plan for the development of innovative VET solutions to support aquaculture workforce development that will address the skills gaps.