

# Curriculum Development: Sustainable Seafood & Nutrition Security (SSNS)

Global consumption of seafood and the demand is rising dramatically due to increased population, health awareness and income. Supply has to be double by 2050.

Seafood has to be sufficient and safe. Production, processing and distribution practices have to be economically viable and socially acceptable.

Seafood comes from either fishing of wild stock or farming. Both of them are encountering sustainability issue which has global significance and cause of concern.

Asia Pacific region continues to be the world's largest producer and supplier of seafood. However, in most countries, capture fishery is declining. Aquaculture is booming but often get devastated due to diseases.

Aquaculture is growing fast but can't be without environmental damages. Some practices often face high risk of collapse. Therefore, growth needs to be optimized to ensure sustainability.



Europe is the largest importer of seafood. Safe seafood from sustainable sources is a big concern.

Sustainable Seafood and Nutrition Security (SSNS) project co-funded by EU Erasmus+ Program is to address the challenges faced by the industry and ensure sustainability of seafood production, supply and consumption through building capacity of institutions & individuals.

## Goal

To contribute to achieve sustainable seafood and nutrition security (SSNS)

## Objectives

1. Capacity building of higher education institutions and the professionals
2. Establish Sustainable Seafood and Nutrition (SSNS) centres
3. Develop MSc and Vocational training courses
4. Develop and incorporate internship
5. Strengthen collaborations and linkages among institutions and individuals

**Period:** 36 month (Oct 2017-Sept 2020)

**Budget:** 999,556 Euros

## Project Approach

**Project initiation:** Inception meeting of stakeholders

**Preparation:** Identify existing courses to use, and assess the needs of new courses. Steps to be followed include:



## Capacity-building and Curricula Development:

- Lecturers from Asia to visit to EU partner institutions, and from EU visit to Asia
- New or improved MSc curricula/courses will be developed incorporating internship and field visits linking with industries.
- New vocational training courses will be developed.
- Virtual eLearning environment (VLE) / Moodle system will be developed and use

**Academic staff training and preparation for delivery:** It includes a series of lesson plans, preparations and course delivery trainings and testing of new or improved courses.

**Accreditation and delivery of the courses:** Each partner university to accredit courses / programmes.

**Quality plan** – internal and external quality control processes/systems to be installed.

**Dissemination and Exploitation:** Outputs will be distributed to interested individuals and institutions. An SSNS international conference will be organized in October 2020.



## Project partners and contacts:

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