

AQUAE STRENGTH

STRENGTHENING CAPACITY ON AQUATIC ANIMAL HEALTH
AND EPIDEMIOLOGICAL SURVEILLANCE

AN INTERNATIONAL COOPERATION PROJECT
AS A TOOL TO PROMOTE CAPACITY BUILDING
IN THE AQUACULTURE

*"Aquaculture is growing all over the world
and contributes significantly to human nutrition,
poverty alleviation and sustainable development."*

GENERAL OBJECTIVES

The project aims to provide technical assistance to promote:

- capacity building, sharing of protocols for fish production and diseases surveillance and control and sharing of professional know-how;
- strengthen and facilitate the management of aquaculture production;
- implement an advanced use of GIS techniques;
- enhance epidemiological surveillance and disease response;
- limit the use of antimicrobials and Veterinary Medicinal Products (VMPs) in fish production;
- diagnostic methods to support fish disease detection and control.

WORK PACKAGES

The project is divided into **four work packages** (WPs), each coordinated by a work package leader. The **Istituto Zooprofilattico Sperimentale delle Venezie (IZSVe)** lead the project and all the WPs activities. **Seven** other institutes belonging to the Italian experimental zooprophyllactic institutes (II.ZZ.SS.) network are involved in several tasks for each WP. **Three** external advisors will support the project. **Four** beneficiary institutes in as many countries were involved.

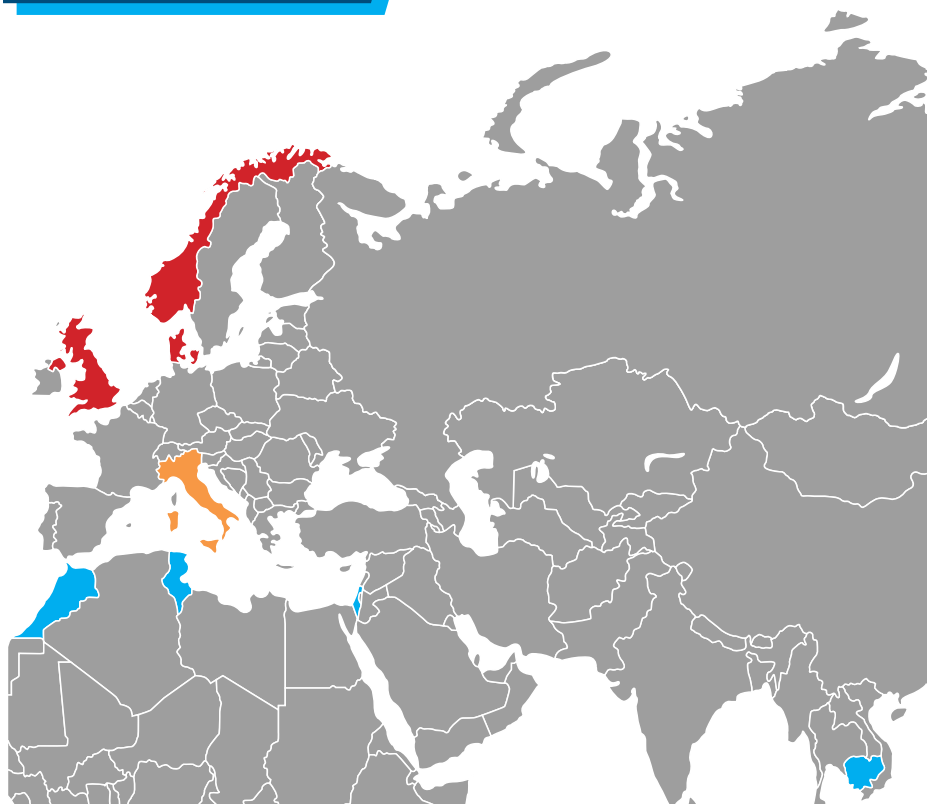
WP0 - Liaise with partners, promoting collaboration, report drafting, and meetings/event organisation. The Research and International Cooperation Office of IZSVe ensures good management of the project.

WP1 - Geographic Information System (GIS) in surveillance and disease response for aquatic animal disease. To enable knowledge and expertise exchange in GIS technologies used to support surveillance and disease response in the aquatic animal domain.

WP2 - Responsible use of VMPs. Dissemination of guidelines on prudent and responsible use of VMPs aimed to reduce antimicrobial resistance.

WP3 - Diagnostic methods. Through the sharing of protocols, training and Proficiency Test organization, this WP will provide Beneficiaries the ability to apply reliable, validated and efficient diagnostic techniques, boosting their capacity in fish disease diagnosis.

COUNTRIES INVOLVED



- II.ZZ.SS. - Italy
- Advisors - Denmark, Norway, United Kingdom
- Beneficiaries - Cambodia, Israel, Morocco, Tunisia

WHO WE ARE?

CONSORTIUM

- Istituto Zooprofilattico Sperimentale delle Venezie
- Istituto Zooprofilattico Sperimentale della Sardegna
- Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle D'Aosta
- Istituto Zooprofilattico Sperimentale dell'Umbria e delle Marche
- Istituto Zooprofilattico Sperimentale del Lazio e della Toscana
- Istituto Zooprofilattico Sperimentale del Mezzogiorno
- Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise

ADVISORS

- Norwegian Veterinary Institute – NORWAY
- Technical University of Denmark – DENMARK
- Centre for Environment, Fisheries and Aquaculture Science – UK

BENEFICIARIES

- Institut National des Sciences et Technologies de la Mer – Laboratoire D'Aquaculture – TUNISIA
- Office National de Sécurité Sanitaire des Produits Alimentaires – MOROCCO
- Ministry of Agriculture, Forestry and Rural Development – Israeli Veterinary Services and Animal Health – ISRAEL
- Ministry of Agriculture, Forestry and Fisheries – Fisheries Administration (Maff) – CAMBODIA

INFORMATION REQUEST



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