Enabling good governance in aquaculture

- Key points (Definition)
- Good governance in Aquaculture
- Recommendations
Overview of the GFCM

OBJECTIVE
Ensure the conservation and sustainable use, at the biological, social, economic and environmental level, of living marine resources as well as the sustainable development of aquaculture.

MEMBERSHIP
23 Contracting Parties
5 Cooperating non-Contracting Parties:
Bosnia & Herzegovina, Georgia, Jordan, Moldova & Ukraine

AREA OF APPLICATION
The Mediterranean Sea and the Black Sea
Production from 1,035,000 tonnes (1996) to 2,807,000 (*) tonnes (2017)

From $2.2 billion to > $6 billion (*)

> 500,000 direct and indirect estimated employments

> 100 freshwater, brackish and marine aquatic species (*)

35,000 farms estimated all environment (**)
Aquaculture governance

Aquaculture potential

Blue growth pillar

Strategies
Initiatives in whole
Med and BS

Governance

Heterogeneity in the development of the sector between countries

New manner in which power is exercised in the management of a country’s economic and social resources for development
Aquaculture governance

Promoters are willing to invest in aquaculture

Lack of appropriate legal framework
Lack of allocated zones for aquaculture
Lack of political will
Good governance in aquaculture

- Recognition of the sector
- Synergies with other sector
- Social Acceptability and job creation

Legal framework
Sustainable management
Accountability and transparency
Good governance in aquaculture

Weak Policies
- Increasing Red Tape
- and decreasing of Research fund

Strong policies
- Investors and Banks will not be attracted

Unclear Legal framework
- Increasing of conflict with other sector

Stable Legal framework
- Aquaculture sector will regress

Not based on scientific and solid criteria
- Based on a clear process & opportunity/cost decisions
Strategy for the sustainable development of aquaculture

**TARGET 1:** Build an efficient regulatory and administrative framework to secure sustainable aquaculture development

**TARGET 2:** Enhance interactions between aquaculture and the environment while ensuring animal health and welfare

**TARGET 3:** Facilitate market-oriented aquaculture and enhance public perception
Main achievements

• Capacity building and knowledge sharing promoted through **Aquaculture Demonstrative Centers**

• Implementation of **dedicated zones** for aquaculture

• **Market-oriented production** and **social acceptability** being promoted

• Environmental services of aquaculture highlighted

• Collaboration between producer organizations strengthened
Cooperation and technical assistance to reinforce regulatory framework

- Establishment of allocated zones for aquaculture (AZA) within marine spatial planning (MSP)
- Estimation of carrying capacity
- Training on the use of geographic information system (GIS) in AZA’s implementation process
Cooperation and technical assistance
Albania

Identification of AZA and carrying capacity estimation

• Specific information was gathered and a database was created

• Tailored methodologies applied

• A first appraisal on AZA’s delimitation has been done in Saranda and Valona

> 1,000 files collected and developed
Cooperation and technical assistance
MOROCCO

Trainings on environmental carrying capacity models applied to marine aquaculture

- Designed to make available to ANDA’s experts the most adaptive models
- Practical sessions to simulate finfish growth
- Modelling of transport and deposition of solid cage emissions
- Simulated shellfish production carrying capacity
Cooperation and technical assistance
TUNISIA

Establishment of AZA and training on the use of GIS

- Spatial delineation of compatible zones
- Interactions with SSF and MPA
- Estimation of production carrying capacity
- EMP
- Identification of an IMTA potential area
GFCM knowledge tools

AZA guide

AZA toolkit

GIS manual