



European Aquaculture

Technology and Innovation Platform

BRIDGEWATER AQUACULTURE CONFERENCE: AQUACULTURE IN NORWAY – A PARADIGM SHIFT FOR CONVENTIONAL SEA-BASED AQUACULTURE

“The implications of the European Green Deal for sea-base

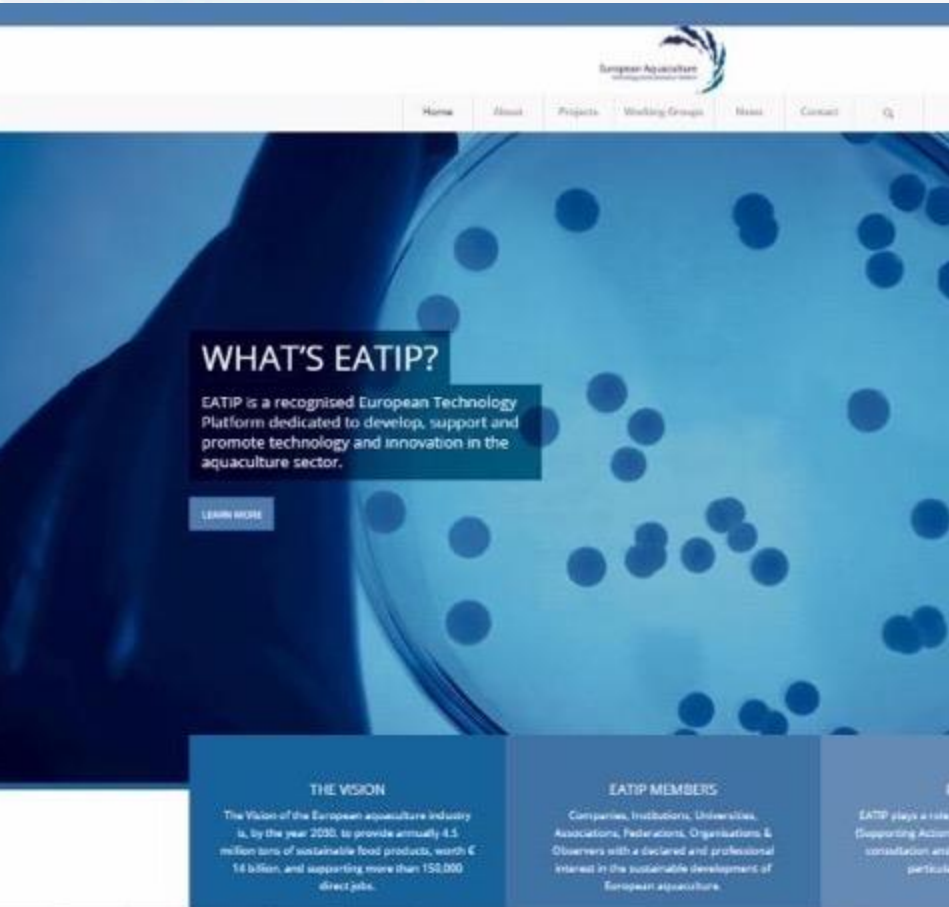
David Bassett – EATiP, General Secretary

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27 October 2024



What is EATiP?



- One of 39 ETPs
- Established 2008
- Registered in BE / governed by statute.
- ASBL (Not for profit)
- Membership funded
- Multi Stakeholder
- Industry led
- Finfish, Shellfish, Algae
- Marine, FW, RAS
- SRIA & Recommendation 1
- www.eatip.eu / (



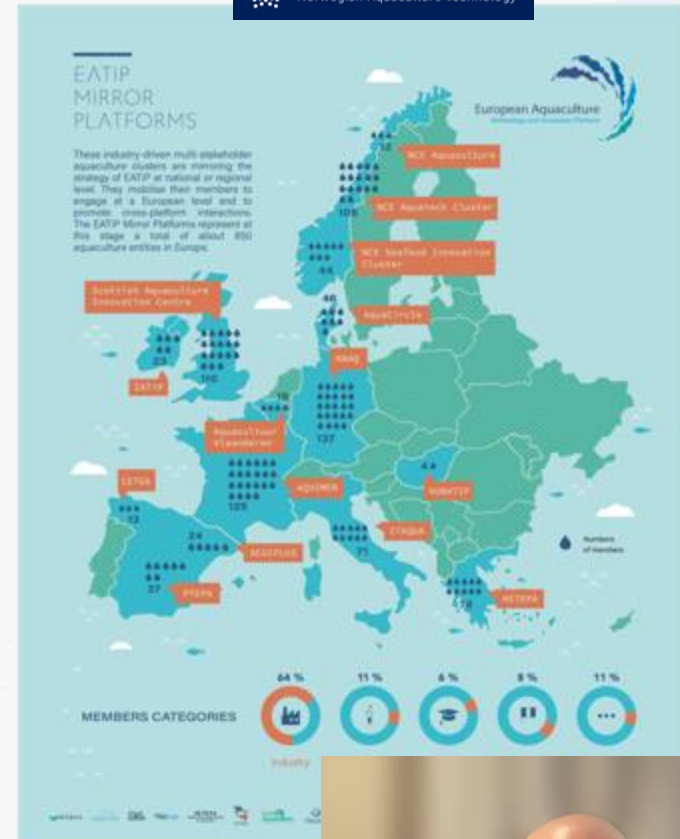
EATiP Mirror Platform Network:



16 National Mirror Platforms / Clusters:

- 11 Countries, 800+ members
- av. 65% industry membership
- Vehicles to mobilise SMEs
- Drives “bottom up” approach
- Strengthen public / private alliances
- Reduces disconnect between research & application
- Access funds / R&D investment
- Dissemination / Surveying / Communication / Consultation / Policy Development
- Stakeholder representation / mapping
- International Collaboration

“The total is greater than the sum of each part”



Are you alre





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The European Green Deal

Key overarching European Policy Driver impacting on all other policy areas:

- Climate Neutral by 2050
- Protect human life, animals & plants by cutting pollution
- Help companies become world leaders in clean products & technologies
- Just & inclusive transition

Supporting Thematic Papers: incl:

- Climate Neutral & Circular Economy
- EU Biodiversity Strategy
- Farm to Fork Strategy

& other areas – addressing: Methane, Chemicals, Renewables, Rail travel, Emissions...

European Commission

What is the European Green Deal?

December 2019
#EUGreenDeal

The European Green Deal is about **improving the well-being of people**. Making Europe climate-neutral and protecting our natural habitat will be good for people, planet and economy. No one will be left behind.

The EU will:

-  Become climate-neutral by 2050
-  Protect human life, animals and plants, by cutting pollution
-  Help companies become world leaders in clean products and technologies
-  Help ensure a just and inclusive transition

"The European Green Deal is our new growth strategy. It will help us cut emissions"
Ursula von der Leyen, President

"We propose a green and improve people's well-being for generations to come."
Frans Timmermans, Executive Vice-President



Farm to Fork Strategy



European Commission

From Farm to Fork: Our food, our health, our planet, our future

The European Green Deal

May 2020
#EUGreenDeal

Moving towards a more healthy and sustainable EU food system, a corner stone of the European Green Deal

- Make sure Europeans get healthy, affordable and sustainable food
- Tackle climate change
- Protect the environment and preserve biodiversity
- Fair economic return in the food chain
- Increase organic farming

"The coronavirus crisis has shown how vulnerable we all are, and how important it is to restore the balance between human activity and nature. At the heart of the Green Deal the Biodiversity and Farm to Fork strategies point to a new and better balance of nature, food systems and biodiversity, to protect our people's health and well-being, and at the same time to increase the EU's competitiveness and resilience. These strategies are a crucial part of the great transition we are embarking upon."

Frans Timmermans, Executive Vice-President of the European Commission

- The use of pesticides in agriculture** contributes to pollution of soil, water and air. The Commission will take actions to:
 - ✓ reduce by 50% the use and risk of chemical pesticides by 2030.
 - ✓ reduce by 50% the use of more hazardous pesticides by 2030.
- The **excess of nutrients** in the environment is a major source of air, soil and water pollution, negatively impacting biodiversity and climate. The Commission will act to:
 - ✓ reduce nutrient losses by at least 50%, while ensuring no deterioration on soil fertility.
 - ✓ reduce fertilizer use by at least 20% by 2030.
- Antimicrobial resistance** linked to the use of antimicrobials in animal and human health leads to an estimated 33,000 human deaths in the EU each year. The Commission will reduce by 50% the sales of antimicrobials for farmed animals and in aquaculture by 2030.
- Organic farming** is an environmentally-friendly practice that needs to be further developed. The Commission will boost the development of EU organic farming area with the aim to achieve 25% of total farmland under organic farming by 2030.

Farm to Fork Strategy

- Healthy, Affordable, Sustainable Food
- Tackle Climate Change
- Protect the Environment & biodiversity
- Fair economic return in the food chain
- Increase organic farming

Specific focus on:

- AMR
- Reduction in Pesticides
- “Significant increase” in organic farming
- Reduction in nutrient load
- Labelling & supply chain iss

Aquaculture is well positioned





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Aquaculture Policy Priorities:



- Sustainable Blue Economy & EU Strategic Guidelines (COM 2021 – 240 & 236)
 - Cross Cutting Objective 4: **“Knowledge & Innovation”**
 - Role of (Regional) Innovation Clusters*
 - RDI Dissemination & Synergies
 - Smart Specialisation Strategies
 - Investment in innovative solutions (EMFAF & Invest EU)
 - Skills / Training / Lifelong Learning
 - Dedicated Aquaculture V
- Focus on MSP / IMTA / EU
- Food Systems – inclusior
- EMS, Habitat & Nature B



Horizon Europe & EU Mission Ocean:



- Horizon Europe – 9th EU Framework Programme
- Cluster 6 for Bio-economy calls.
- Upcoming calls on organic & low trophic aquaculture
- Future work programmes – 25-27 – tbd.
- Mission: Restore our Ocean and Waters has been launched.
 - Environmental focus of the Mission – “zero carbon & climate neutral aquaculture”
 - “Lighthouse” or Regional / Basin Approach
 - Baltic focus for aqua
 - “Mission Charter” to strategic objectives. to showcase positive food production



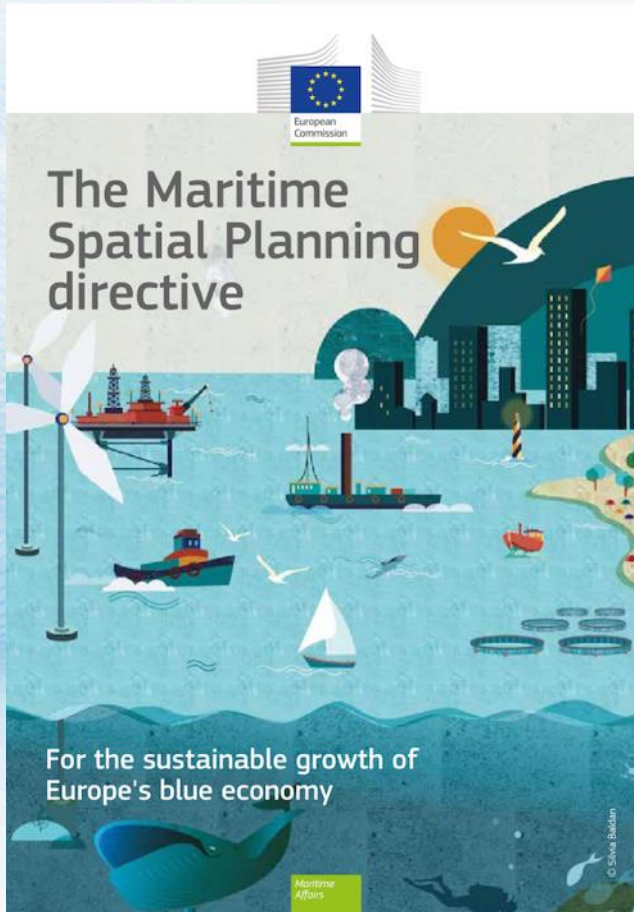
EC: S3 Blue Economy Smart Specialisation Platform



- Developed out of the Blue Economy COM
- EATiP is in discussion with DG MARE and DG REGIO who lead on it.
- Innovation transfer vehicle
 - Inter-regional basis.
 - EATiP / Mirror Platforms (other multi stakeholder groups) well positioned to enact this.
 - Different levels of innovation can be identified – from the commercial to network building.
 - Formalisation of the process – e.g. through inclusion of regional development departments / local government.
 - **Scope for engagement by Norwegian regions, clusters and authorities.**



Marine Spatial Planning



Many actions are underway, implementing the MSP Directive & addressing shared / multi use of waters.

- EU MSP Platform
- Aquaculture Assistance Mechanism addressing best practice in zoning & planning/licensing for aquaculture
- Significant targets – 30% MPA

Aquaculture priorities identified include:

- High use potential areas
- Stimulate Farm Clusters / AZAs
- Data provision & use
- Streamline Licensing
- Improve Social Licence
- Full Sector fiche via MSP Platform
- Multi use approach is key. Sync aquaculture, tourism & renewable energy



Collaborations & Projects:



➤ Communication / Dissemination:

- EATiP Thematic Forums
- On the Horizon Project Results

➤ EMODNet & Copernicus

- Marine Data for Aquaculture / MSP / Ocean Observation

➤ Advisory Boards:

- Blue Bio Cofund (BioTech)

➤ Projects:

- AquaExcel 3.0
- Advisory Role of





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