European Fisheries Technology Platform
EFTP

www.eftp.eu

European Fisheries Technology Platform
Progress and developments of the EFTP

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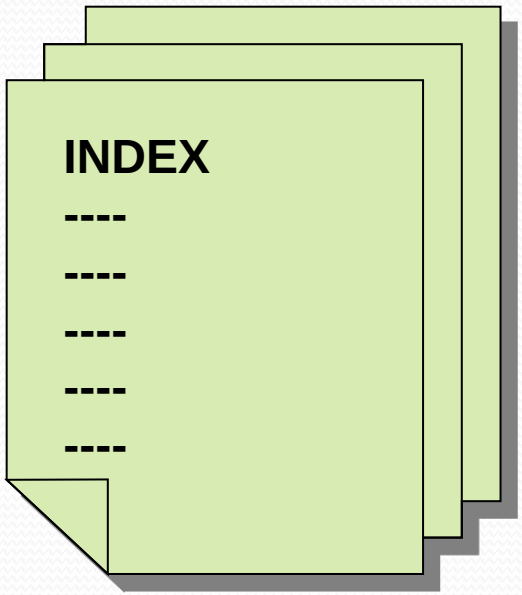


Previous Meetings

Task Force Meetings: 4.

- **Holand,**
- **Spain,**
- **Brussels,**
- **Kick off meeting**

Secretariat Meetings: >15

Kick off meeting

May 18th in the frame of the NAVALIA Exhibition, in Vigo

- Initiative should come from fishing industry.
- highly dependent on RDI.
- Efficient tool.
- keep in contact with the Commission.
- reach consensus about fisheries priorities.
- bring together **all relevant players in the fisheries value chain.**
- synergies with existing platforms.
- **roadmap** is essential for a successful launch of the EFTP.
- **address and always be close to the industry's needs and requests**.

European Fisheries Technology Platform

KICK OFF MEETING OF THE EUROPEAN FISHERIES TECHNOLOGY PLATFORM

VIGO, 18TH MAY 2010.

(PRELIMINARY AGENDA)

SESSION 1 (WITHIN THE E-FISHING EVENT AGENDA)

Mr. Javier Garat, President of Europêche will chair the session.

11:15 - 11:25 **Institutional welcome and considerations about the EFTP from the perspective of the administrations.** (Speakers invited pending for confirmation)

11:25 -11:40 **The European fisheries perspectives about the EFTP.** Mr. Javier Garat, Europêche.

11:40 - 12:00 **The European fisheries supplying industry perspectives about the EFTP. Mr. Christian H. Engh, Mustad Longline AS**

SESSION 2 (IN PARALLEL TO THE E-FISHING EVENT. SALA IGAPE)

Mr. Torgeir Edvarsen, Special Advisor from SINTEF Fisheries and Aquaculture will chair the session.

12:15 - 12:30 ETP and EFTP Background

Topic 1: **Filling up EFTP structure. Mss. Maribel Rodriguez, EFTP Secretariat**

13:15 - 14:30 Lunch Break

Topic 2: **EFTP working groups in detail. Mr. Vegar Johansen, SINTEF**

Topic 3: **The 2010 EFTP future Roadmap. Mss Rosa Fernandez, EFTP Secretariat**

15:35 - 15:50 Final debate and discussion and questions

15:50 - 16:15 Conclusions briefing and closing. Mr. Guy Vernaeve, Europêche.

e-fishing NAVALIA *Meeting lunch offered by:* AkzoNobel International.

Conclusions Previous Meetings

CONCLUSIONS

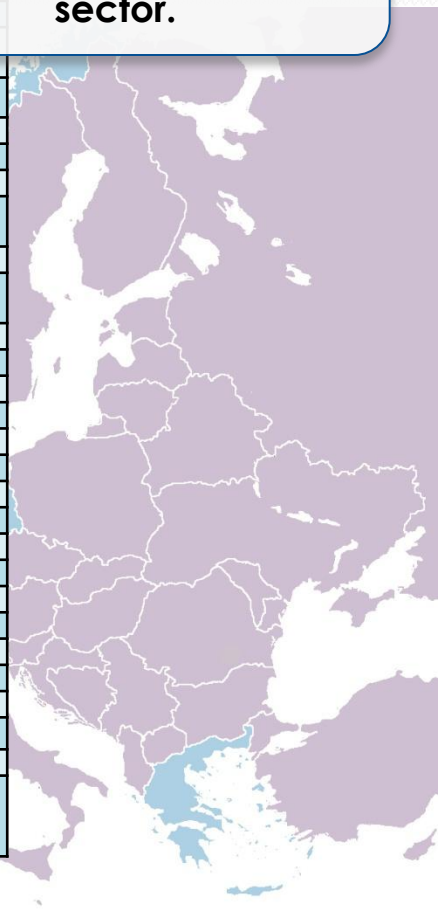
1. Consensus about the need for an EFTP within the fisheries technological sector.
2. Avoid a too complex organisational structure.
3. The need to involve more stakeholders from the industry to strengthen the EFTP initiative.
4. The need to support the EFTP initiative with financial funding.
5. Discuss and clarify a possible integration of the fish processing industry to the EFTP.
6. Elaborate a functional division of the secretary work for the EFTP process.

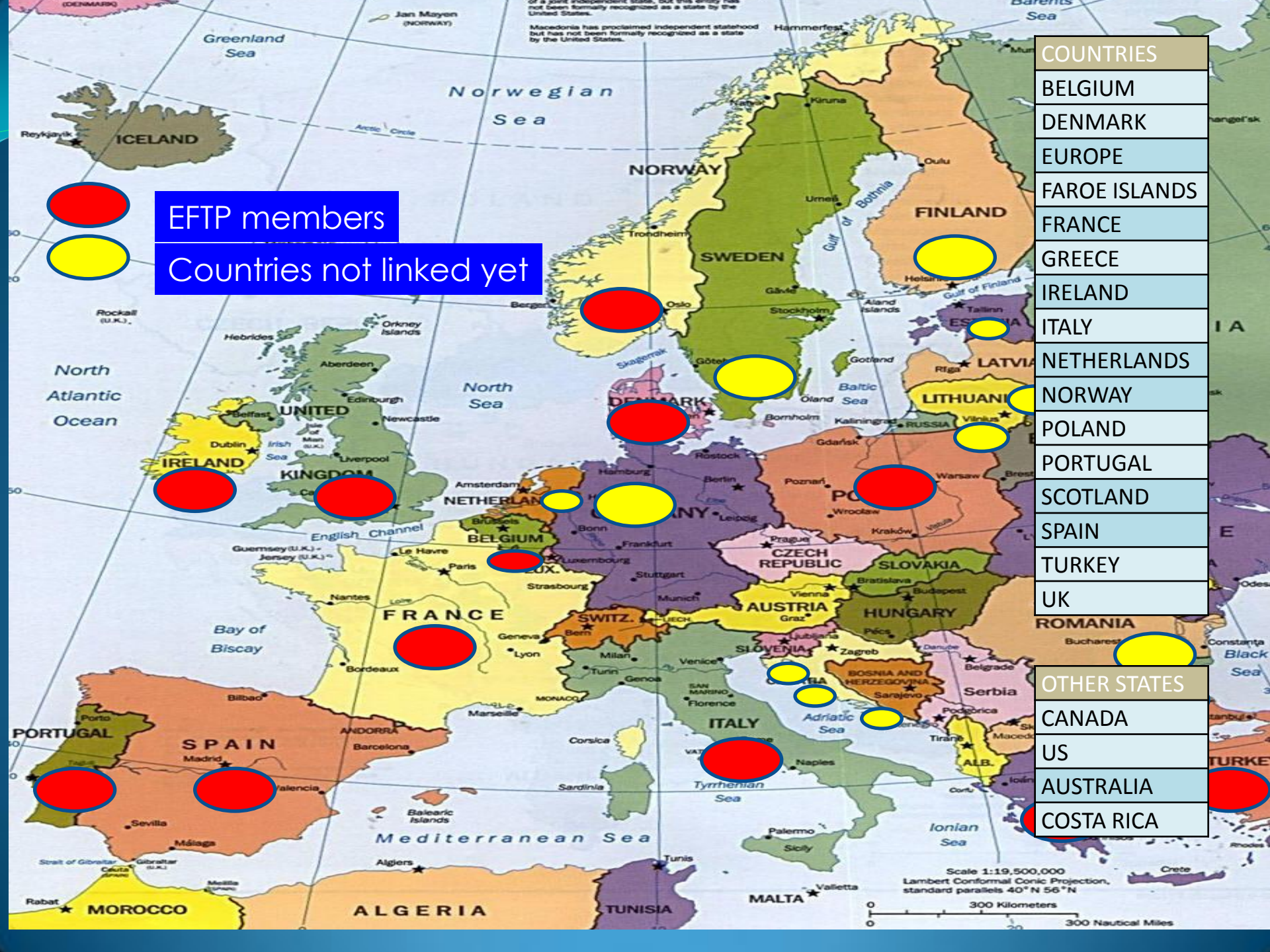
Members

- So far the EFTP have received expresion of interests from more than 120 members and 90 organizations

ENTITIES
ACOPEVI
ANFACO CECOPESCA
AQUATT
ARIEMA ENERGIA Y MEDIOAMBIENTE S.L.
ARVI-INNOVAPESCA (SPAIN)
ASOCIACIÓN DE INVESTIGACIÓN RED DE INNOVACIÓN EN INDUSTRIAS ACUÍCOLAS DE LA COMUNITAT VALENCIANA
ASSOCIATION CSDA, ENTREPRISE MTVV
AUSTRALIAN MARITIME COLLEGE
AZTI - TECNALIA
BIM (IRELAND)
BUREAU MAURIC (NAVAL ARCHITECTURE AND MARINE ENGINEERING)
BUREAU VERITAS
CENTRO TECNOLÓGICO DE LA PESCA, CETPEC
CEPESCA
CÉPRALMAR
CETMAR
CME OP
CNR-ISMAR, ANCONA
COASTAL AND MARINE RESOURCES CENTRE, UNIVERSITY COLLEGE CORK, IRELAND
COMMUNITY FISHERIES CONTROL AGENCY
CONFEDERACION ESPAÑOLA DE LA PESCA
CONSULTING AND TRAINING IN FISHERIES - CATCH-FISH
CONXEMAR
COOPÉRATION MARITIME
COOPERATIVA DE ARMADORES DE PESCA DEL PUERTO DE VIGO
CT GARUM
DANISH FISHERMEN'S ASSOCIATION (DENMARK)
DEPARTMENT OF AGRICULTURE, FISHERIES AND FOOD QUEBEC, CENTRE TECHNOLOGIQUE DES PRODUITS AQUATIQUES
EFARO (DENMARK)
EP DAP
ESPADEROS GUARDESES
EUROMAR VIGO S.L.
EUROPÊCHE
FAROE MARINE RESEARCH INSTITUTE
FAVINOM CONSULTANCIES
FEDEPESCA
FHF (FISHERIES AND AQUACULTURE INDUSTRY RESEARCH FUND) (NORWAY)
FRENCH MINISTRY OF AGRICULTURE AND FISHERIES
GRADIANT (GALICIAN R&D CENTER IN ADVANCED TELECOMMUNICATIONS)
GUASCOR POWER S.A.U(SPAIN)
HALIEUTEC
HCMR -INSTITUTE OF MARINE BIOLOGICAL RESOURCES
ICES
IIM-CSIC
IMARES
INDEPENDIENTE
INNOVACIÓN Y CONOCIMIENTO PARA EL DESARROLLO SOSTENIBLE S.L.
INNOVAMAR
INSTITUTE OF MARINE RESEARCH (NO)
INSTITUTO DE INVESTIGACIONES MARINAS (CSIC)
INSTITUTO ESPAÑOL DE OCEANOGRAFIA
IRD
ISMAR-CNR
JEAN & FRASCA DESIGN
JOINT FILING
JOINT RESEARCH CENTER, EUROPEAN COMMISSION
IREPA
LEGA PESCA
MAREXI MARINE TECHNOLOGY CO.
MARINE ONE STOP TECHNOLOGIES LTD
MARINE SCOTLAND - SCIENCE
MASCATO SL
MATIS
MUSTAD LONGLINE AS
NATIONAL RESEARCH COUNCIL - INSTITUTE OF MARINE SCIENCES
NAVAL ARCHITECTURE AND MARINE ENGINEERING
NOTUS MARITIMA S.L
NTNU
POLE MER BRETAGNE
PÔLE MER PACA - FRENCH SEA INNOVATION & BUSINESS CLUSTER
PROIOS S.A.
PUBLIC COMPANY FOR AGRICULTURE AND FISHERIES DEVELOPMENT
QUOBIS NETWORKS SLU
RESEARH COUNCIL NORWAY
ROUGIER ARCHITECTURE & INGENIERIE NAVALES
SAEC DATA S.L.
SEA FISH INDUSTRY AUTHORITY
SIMRAD (NORWAY)
SINTEF FISHERIES AND AQUACULTURE
SIREHNA
SODENA SAS
TESTA & CUNHAS SA
THE NORWEGIAN FISHERMEN'S ASSOCIATION
TRAGSATEC
UNIVERSIDAD DE VIGO
UNIVERSITY OF ABERDEEN
UNIVERSITY OF LA CORUÑA
VICUS DESARROLLOS TECNOLOGICOS S.L.
WATRBORNE TP
WOLFSON UNIT FOR MARINE TECHNOLGY & INDUSTRIAL AERODYNAMICS UNIVERSITY OF SOUTHAMPTON

1. Consensus about the need for an EFTP within the fisheries technological sector.



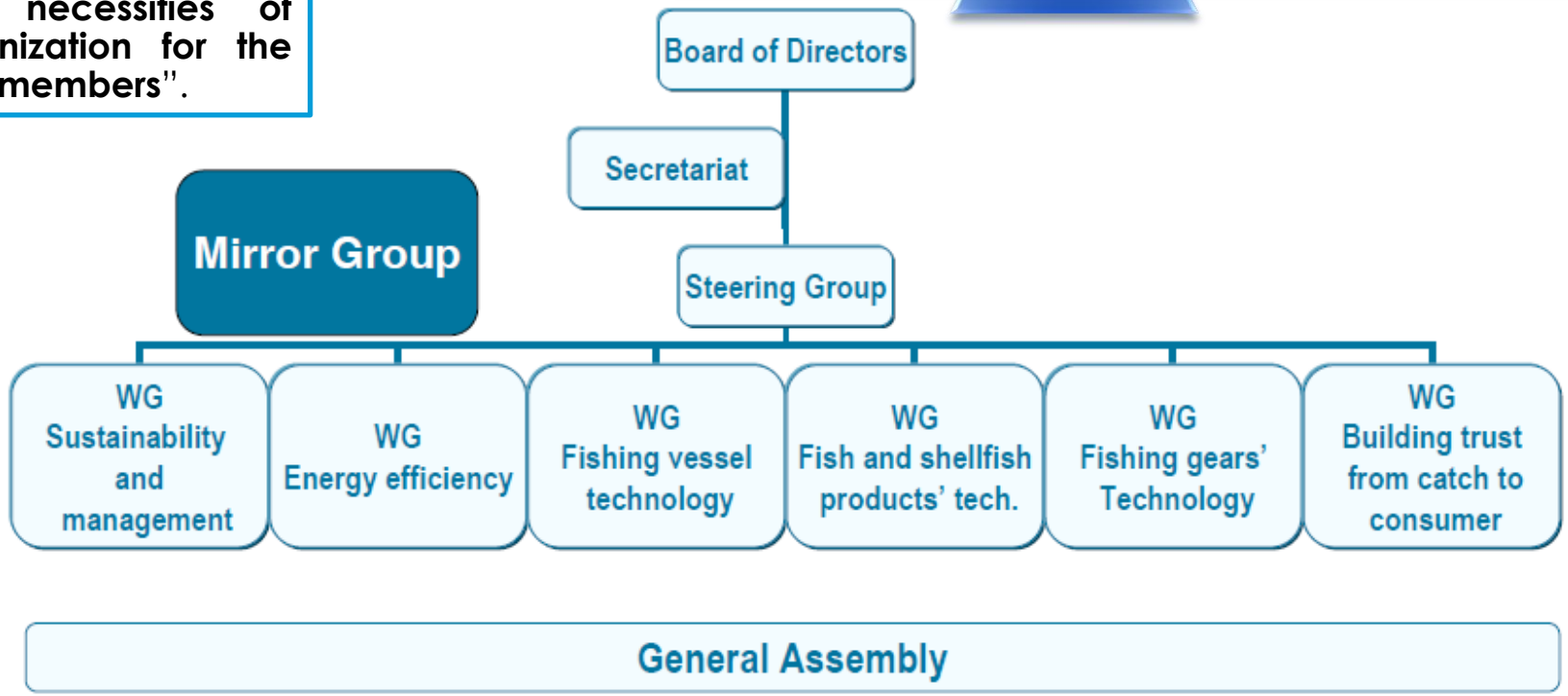

EFTP members
Countries not linked yet
COUNTRIES
BELGIUM
DENMARK
EUROPE
FAROE ISLANDS
FRANCE
GREECE
IRELAND
ITALY
NETHERLANDS
NORWAY
POLAND
PORTUGAL
SCOTLAND
SPAIN
TURKEY
UK
OTHER STATES
CANADA
US
AUSTRALIA
COSTA RICA
Greenland Sea
Norwegian Sea
ICELAND
NORWAY
SWEDEN
FINLAND
North Atlantic Ocean
North Sea
IRELAND
NETHERLANDS
BELGIUM
FRANCE
English Channel
Bay of Biscay
PORTUGAL
SPAIN
Mediterranean Sea
ITALY
Tyrrhenian Sea
Adriatic Sea
Ionian Sea
Baltic Sea
Gulf of Bothnia
Gulf of Finland
DENMARK
LATVIA
LITHUANIA
POLAND
CZECH REPUBLIC
SLOVAKIA
AUSTRIA
HUNGARY
ROMANIA
SLOVENIA
SWITZ.
Serbia
BOSNIA AND HERZEGOVINA
MONTENEGRO
ALB.
MACEDONIA
GREECE
TURKEY
MOROCCO
ALGERIA
TUNISIA
MALTA
Scale 1:19,500,000
Lambert Conformal Conic Projection, standard parallels 40° N 56° N
300 Kilometers
300 Nautical Miles

STRUCTURE

"The organizational structure of the EFTP must be dynamical and adjusted to the real necessities of organization for the EFTP members".

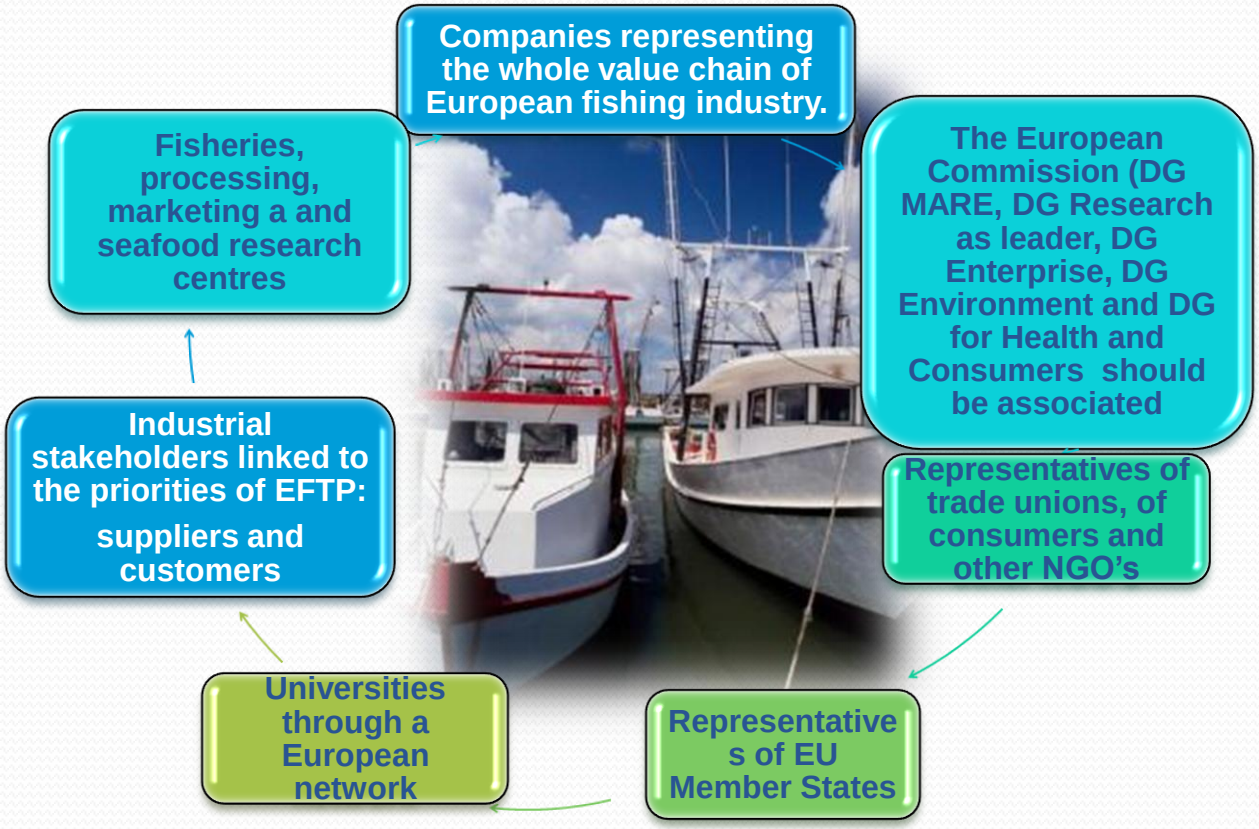
CONCLUSIONS

Avoid a too complex organisational structure.



Who should get involved?

3. The need to involve more stakeholders from the industry to strengthen the EFTP initiative.



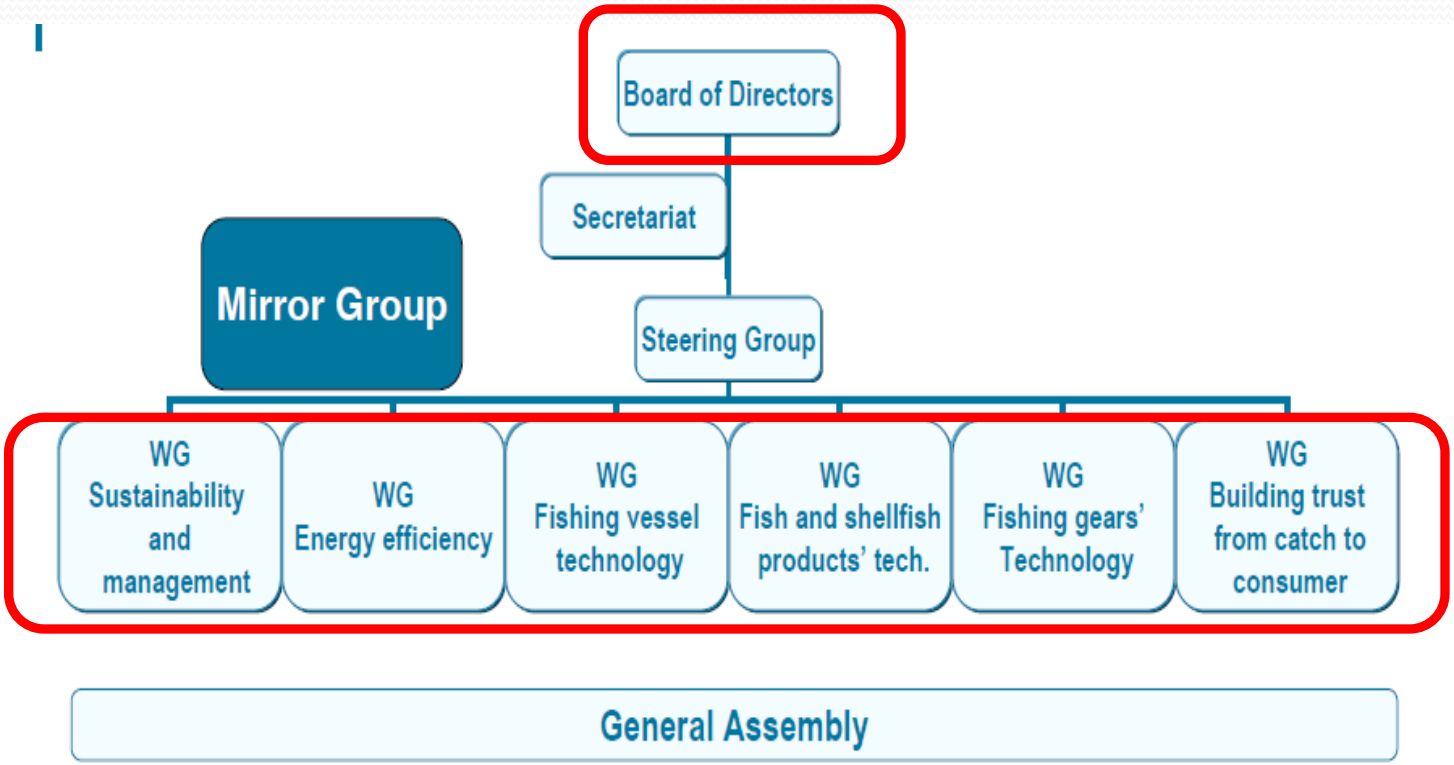
4. The need to support the EFTP initiative with financial funding.

- ✓ EU financial support
- ✓ National regional support
- ✓ EFTP members quota support
- ✓ FishImpact → non financial support for EFTP

fundación GALICIA EUROPA

5. Discuss and clarify a possible integration of the fish processing industry to the EFTP

- **Terms of Reference**



Working Groups (WGs) Thematic areas

1	2	3	4	5	6
Sustainability and management of the sea-fishing industry	Energy efficiency	Fishing vessel technology	Fish and sellfish product technology	Fishing gears technology	Building truth from catch to consumer

Developing training modules, guidelines and systems to allow improvements in standards with regard to quality, handling, food safety and the environment.

Responsible of the Technical secretariat	*Working group*	*Preliminary person in charge and facilitator*
	1. Sustainability and management	EUROPECHE
		IEO
Maribel	***2. Energy Efficiency***	ARIEMA
		SINTEF
Dag	***3. Fishing Vessel Technology***	SINTEF
		AZTI
Dag	***4. Fish and Seafood Technology***	BIM
		SINTEF
	5. Fishing Gear Technologies	ARVI INNOVAPESCA
		MUSTAD
Maribel	***6. Logistics and Marketing***	FEDEPESCA
		SINTEF

1.Sustainability and management of the sea-fishing industry

- Managing capacity, fleet structure policy and quota regimes

- Dimensioning Overcapacity
- Predicting and evaluating socio-economically the fishing activity in the context of the 2015 target of Maximum Sustainable Yield scenario
- Long Term Management Plans for Mixed Fisheries (Managing robustly the uncertainty)
- Ecosystem Fisheries Management
- Affection of Climate change to European fisheries
- Innovative Management Options/Strategies in European fisheries
- Governance as the base for success of European Fisheries Management

2. ENERGY EFFICIENCY

- Improvements associated with ship design and hydrodynamics, with particular reference to fishing and energy efficiency.
- Vessel design
- Fuel systems, reduction of emissions
- Technological adaptations/innovations, combined fisheries

3. FISHING VESSEL TECHNOLOGY

- Ship stability, navigation and communication equipment
- Improvements of working conditions, ergonomics, living conditions on board.
- Improvements of processes for handling loads and fishing operations.
- Personal safety, training equipment
- Improvements of personal location systems (man overboard).
- Innovation in personal training systems based on simulations of each job on board ship, enabling the simulation and handling of the most adverse conditions possible.

4. FISH AND SHELLFISH PRODUCT TECHNOLOGY

- Environmental improvements (management, reduction and treatment of organic and inorganic waste.
- Waste compaction and storage on board, with collection at port facilities.
- Development of quality processes, on board processing.
- Innovation and automation of handling and processing procedures on board
- Development of new processes, equipment and products for utilising and adding value to discards and by-products.
- Development of new products and the application of new conservation and packing technologies.
- Development and validation of methods for rapid detection and elimination of biotic and abiotic compounds.

•Development of user-friendly guides and training modules that optimise handling, quality and food safety
•Development of systems (electronic/paper-based) that demonstrate best practice with regard to quality and food safety
•Development of rapid methodologies for the quality assessment of fish and shellfish.
•Authentication of raw materials and seafood products

5.FISHING GEARS TECHNOLOGY

• Fishing gear development, improvements and design of equipment, gear and tackles.
• Automation of fishing processes, equipment and operations.
• Improvements of processes and equipment for handling and repairing fishing gear.
• Electronic equipment for guidance, detecting fish and monitoring fishing operations.
• Remote fish sensor equipment.

→ Fishing gear selectivity. Discards reduction.

6. Building trust from catch to consumer

Broadband communications technologies allowing advanced remote services to be implemented (shared ship-ship and ship-shore communications networks.
On-line wholesale fish auctions, distance learning, distance medicine, distance maintenance, etc.
Applications for family and social communications; leisure and information, e.g. voting procedures
New techniques for traceability.

AREAS R+D+i	LINES R+D+i
1. Traceability	*1.1 Automation*
	1.2 Labeling
	1.3 Identification techniques
2. Marketing Innovation	*2.1 New products*
	2.2 Design
	2.3 Marketing
	2.4 Corporate Social Responsibility
3. Products Treatment and Added Value	
4. ITs applied to Marketing and Trade	
5. Conservation Techniques	
6. Environment and Sustainability	
7. Food Safety	*7.1 Safety products*
	7.2 Products handlings
	7.3 Hygiene
	7.4 Quality control
8. Logistics and Distribution	*8.1 Storage*
	8.2 Fish Market (exvessel)
	8.3 Cooling Chain
	8.4 Transports

SUMMARY

- Previous meetings (Netherlands, Bilbao, Brussels)
- Task force group
- 90 European entities involved in the working groups
- Proposal of BoD
- Preliminary secretariat (CETMAR, SINTEF, ARIEMA)
- Preliminary WG coordinators
- Agreed structure - done
- Draft Vision 2025 - started
- Road Map - done
- Preliminary web page www.eftp.eu -done
- Kick off meeting- done

Other internal documents (to guarantee the transparency of the processes)

- Terms of reference

Contact:

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THANK YOU FOR YOUR ATTENTION