



## **EFTP State of Play – Policy Drivers & Strategic Networks**

EFTP BoD Meeting  
November 15, 2011 Secretaria General del Mar, Madrid

Torgeir Edvardsen  
SINTEF Fisheries and Aquaculture, Norway

**Based on:**

## **Policy Drivers & Strategic Networks – the Case of EFTP**

aqua-tnet Annual Event 2011  
September 7-8-9, 2011, Vilamoura (Algarve, Portugal)

Torgeir Edvardsen  
EFTP BoD  
(SINTEF Fisheries and Aquaculture, Norway)

## Policy Drivers & Strategic Networks – the Case of EFTP

- EFTP background – Introduction to the newly formed ETP
- Goals and structure
- Current situation – the Case of EFTP
  - Strategic Networks
  - Policy Drivers – Impact

# Background



• Do you think .....

Lars Horn,  
RCN/MB



• Do you think .....

Waddah Saab,  
DG MARE



**ICESCIEM**

International Council for  
the Exploration of the Sea  
Conseil International pour  
l'Exploration de la Mer



February 2009



# Progress

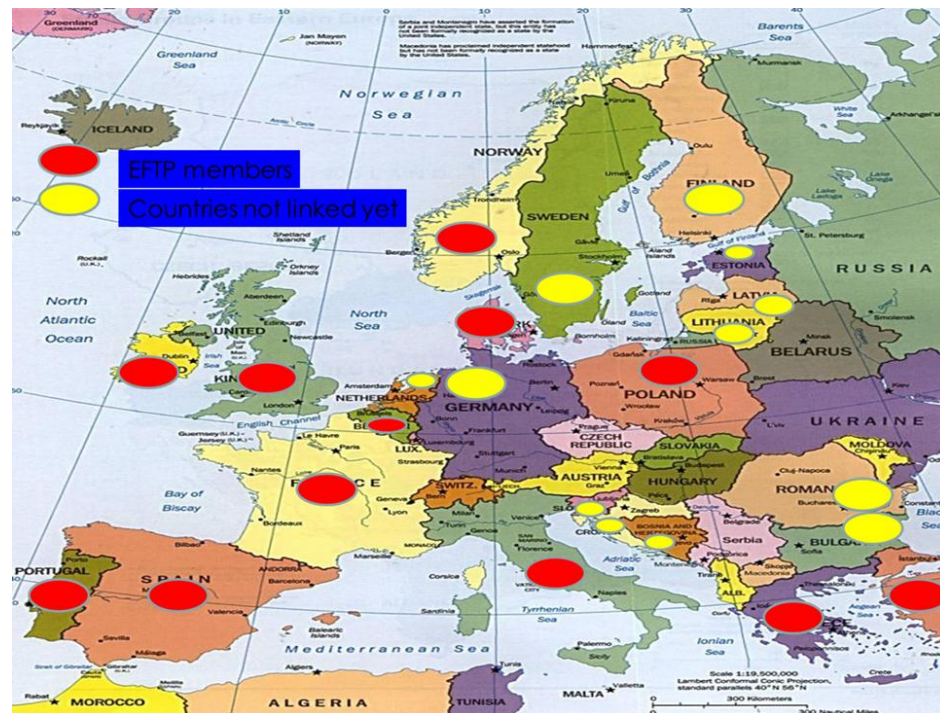
- ❑ Three preparatory meetings (Ijmeyden, Bilbao, Brussels)
- ❑ Launch/Kick off meeting, Vigo 18 May 2010
- ❑ 1<sup>st</sup> EFTP General Assembly, Brussels 24 November 2010
  - Board of Directors is elected.
  - Secretariat appointed: CETMAR, SINTEF and ARIEMA
  - Preliminary WG coordinators appointed
  - Agreed structure
  - Adoptions:
    - Terms of reference
    - Draft Vision 2025 Document
    - Road Map

# Members

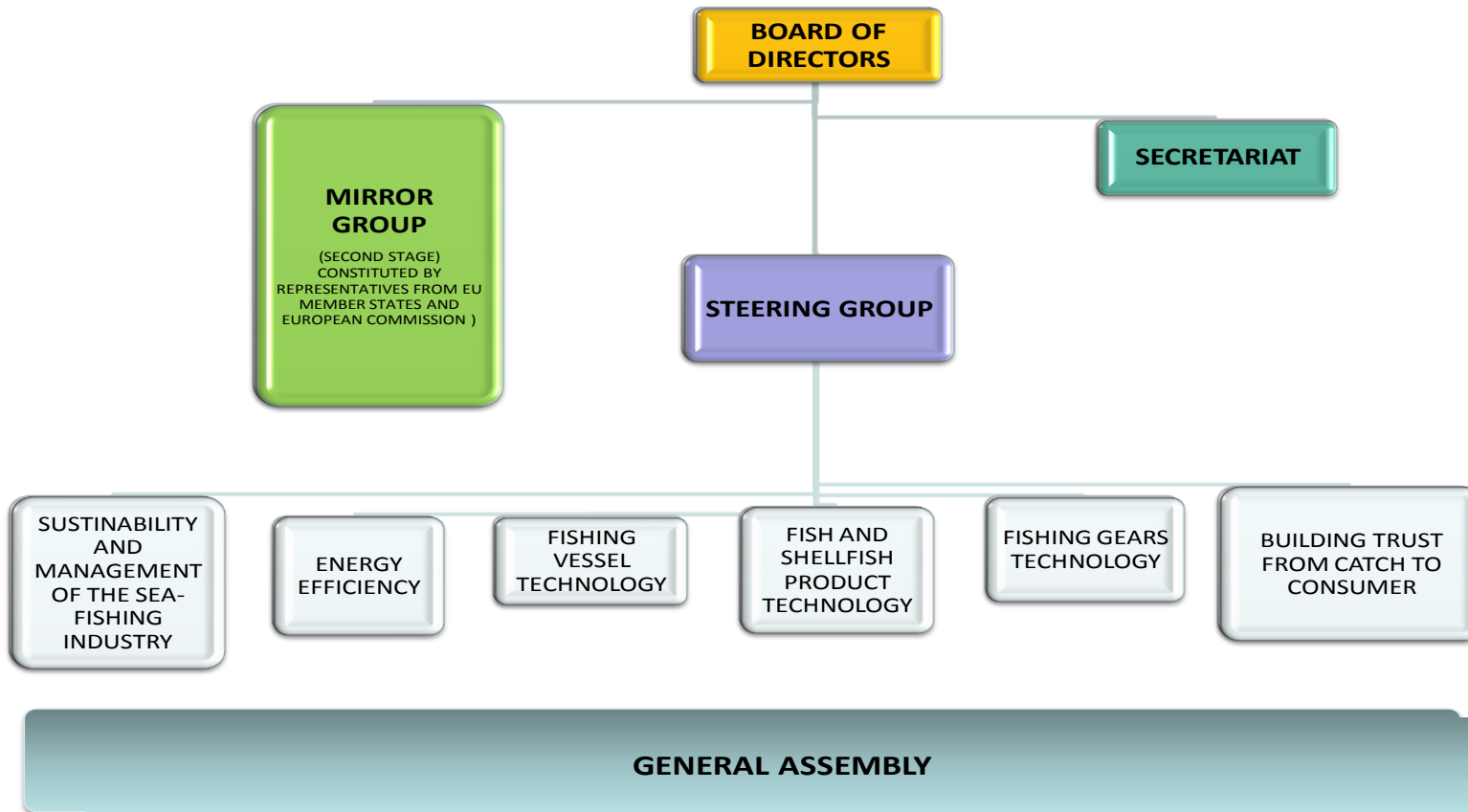
- 90 European entities involved from 16 countries, and
- more than 120 people involved in the initiative

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



# Structure



# Working Groups – Thematic areas

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



Figure: manual automated fish handling (left)

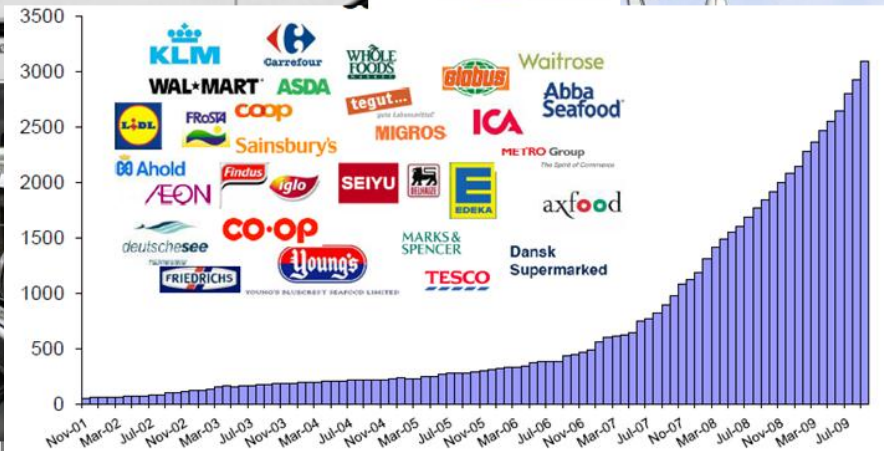
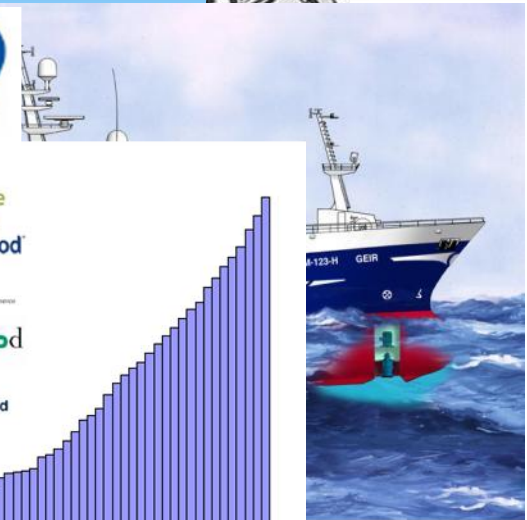


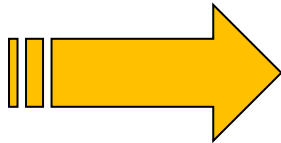
Figure: Seafood product with MSC label





# Working Groups – Thematic areas

1	2	3	4	5	6
Sustainability and management of the sea-fishing industry	Energy efficiency	Fishing vessel technology	Fish and shellfish product technology	Fishing gears technology	Building trust 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.

# Documents

European Fisheries Technology Platform

**EFTP**

Vision  
2025

EFTP



## □ Documents available for feedback:

- EFTP at a glance
- EFTP strategy and Roadmap
- Terms of reference
- Code of Ethics
- Vision 2025 (advanced draft with preliminary SRA)

## □ Documents to be started: Strategic Research Agenda

- (A methodology approach has been designed and are under discussion)

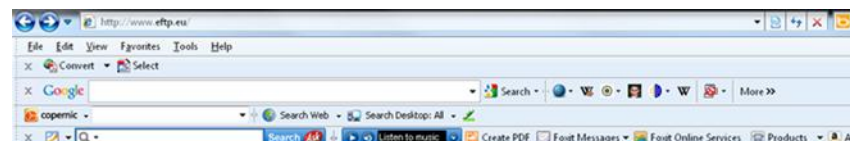


# More Information

European Fisheries Technology Platform



- Web page [www.eftp.eu](http://www.eftp.eu)
- How to participate
- Contact I



## How to Participate?



**ARIEMA**  
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# Current situation

## ❑ Kick off and Launch

- Formal organization (BoD, Secretariat; draft Vision, draft SRA)

## ❑ Organizational requisites: Must Achieve Something

## ❑ Strategic Networks

## ❑ Policy Drivers & Impact

- STECF
- Discards

# Strategic Networks

European Fisheries Technology Platform



- Members
- Board Members
- Links with the Co
- Other links:
  - Technology Platf
  - RTDI-funders (CS

ENTITIES	PERSON	ORGANISATION	COUNTRY	ACTIVITY
ACOPEVI		DEPARTMENT OF AGRICULTURE, FISHERIES AND FOOD QUEBEC, CENTRE TECHNOLOGIQUE DES PRODUITS AQUATIQUES		LEGA PESCA
ANFACO CECOPECA		EFARO (DENMARK)		MAREXI MARINE TECHNOLOGY CO.
AGHATE		EPDAP		MARINE ONE STOP TECHNOLOGIES LTD
ARVA (INNOVAPESCA) (SPAIN)	A. Vázquez Martín	CEPEPESCA	Spain	MARINE SCOTLAND - SCIENCE
ASOCIACIÓN DE INVESTIGACIÓN RED DE INNOVACIÓN EN INDUSTRIAS COLAS DE LA COMUNITAT VALENCIANA	Indonesin, M. I. Nicolás de la Comunitat Valenciana	FAROE MARINE RESEARCH INSTITUTE FAVINOM CONSULTANCIES FISKERIFORENING	Denmark	MAREX CONSULTING
ASSOCIATION CSDA, ENTREPRISE MTVV	de Haro, Paula	FRIEDRICHSCHEER MULTIRESEARCH FUND (NORWAY)	Netherlands	MAREX CONSULTING
AUSTRALIAN MARITIME COLLEGE	Edvoldsen, Torgeir	FRENCH MINISTRY OF AGRICULTURE AND FISHERIES	Norway	INOTUS MARITIMA S.L
AZTECA (IRELAND)	Gallagher, Michael	GRADIANT (GALICIAN R&D CENTER IN ADVANCED TELECOMMUNICATIONS)	Ireland	INTU
BUREAU MARIN (NAVAL ARCHITECTURE AND MARINE ENGINEERING)	Blanchard, Roger	GUASCOR POWER S.A.U (SPAIN)	Spain	POLE MER BRETAGNE
BUREAU VERITAS	González, Carlos Alberto	HANDEUTUO ESPAÑOL DE OCEANOGRAFIA-IEO	Spain	POLE MER PACA - FRENCH SEA INNOVATION & BUSINESS CLUSTER
CEPEPESCA	Heubov Engh, Christian	HCMR INSTITUTE OF MARINE BIOLOGICAL RESOURCES	Norway	PROIOS S.A.
CEPIMAR	Locker, Arnold	MAREX	UK	PUBLIC COMPANY FOR AGRICULTURE AND FISHERIES DEVELOPMENT
CETMAR		MAREX	UK	QUOBIS NETWORKS SLU
CME OP		NATIONAL FEDERATION OF FISHERMEN'S ASSOCIATIONS	UK	RESEARCH COUNCIL NORWAY
CNR-ISMAR, ANCONA		INNOVACIÓI COMPLEMENTO PARA EL DESARROLLO SOSTENIBLES- L		BOUGIER ARCHITECTURE & INGENIERIA NAVALS
COASTAL AND MARINE RESOURCES CENTRE, UNIVERSITY COLLEGE DUBLIN IRELAND	Olsen, Ceinidh	INNOVAMAR	Norway	SAEC DATA S.L.
COMMUNITY FISHERIES CONTROL AGENCY		FISHERIES RESEARCH (NO)		SEA FISH INDUSTRY
CONFEDERACION ESPAÑOLA DE LA PESCA CONSULTING AND TRAINING IN FISHERIES - CATCH-FISH		INSTITUTO ESPAÑOL DE OCEANOGRAFIA		SIMRAD (NORWAY)
COOPERATION MARITIME	Utrilla, Adolfo	IPAZTI - TECNALIA	Spain	SINTEF FISHERIES AND AQUACULTURE
COOPERATIVA DE ARMADORES DE PESCA DEL PULPO DE VIGO	Proa, Costas	ISMAR-CNR		SIREHNA
CT GARUM	Paolo	ICAM	Greece	OPENA SAS
DANISH FISHERMEN'S ASSOCIATION (DENMARK)	Lelec, George	ICAM	Greece	TESTA & CUNHAS SA
	Vacancy	ICAM	Greece	THE NORWEGIAN FISHERMEN'S ASSOCIATION
		INTEFISHING	Italy	TRAGSATEC
		JOINT RESEARCH CENTER, EUROPEAN COMMISSION	France	UNIVERSIDAD DE VIGO
		IREPA		UNIVERSITY OF ABERDEEN
				UNIVERSITY OF LA CORUÑA
				CIUS DESARROLLO ACADÉMICO S.L.
				WATBORN NETP
				WOLFSON UNIT FOR MARINE TECHNOLOGY & INDUSTRIAL AERODYNAMICS UNIVERSITY OF SOUTHAMPTON
				Industry

# EFTP actions

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□ SSA-application

# “FishImpact”

European Fisheries Technology Platform



## “FishImpact”

Strengthening the impact of fisheries related research and innovation through multi-stakeholder dialogue, dissemination and technology transfer

**Topic:** KBBE.2011.1.4-02 Strengthening the impact of fisheries related research through dissemination, communication and technology transfer

**Funding scheme:** CFP A - Coordination and Support Action (1m €)

## EFTP PROPOSAL

- To improve coordination and communication within the fishery sector
- To transform the traditional sector into a innovative and high technology one.

**FishImpact will improve the technology transfer, optimizing resources and establishing synergies among all the fisheries value chain to place the European fisheries sector in a competitive position**

**Failed!!!**

# EFTP actions

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- SSA-application
- Meeting Commissioner Damanaki



# Meeting the Commissioner

- 15/03/2011: Maria Damanaki receives representatives from the European Fisheries Technology Platform



- The Commissioner "commissions" a report from EFTP on Discards



# EFTP actions

- SSA-application
- Meeting Commissioner Damanaki
- Commission Request STECF opinion on research needs in support of fisheries management
  - Supporting documents
  - STECF answer:
  - 36th PLENARY MEETING  
ECONOMIC COMMITTEE



The Commission provided the STECF with supporting documentation:

1. the latest available information in terms of policy development to support the work of the working group.
2. background documents from other organizations such as ICES, GFCM, EFARO, EFTP (European Fisheries Technological Platform) in case they have developed orientation papers on the same topic.

This supporting documentation to the STECF can be found on:  
<https://stecf.jrc.ec.europa.eu/web/stecf/plen01>

<https://stecf.jrc.ec.europa.eu/web/stecf/plen01>

# STECF:

## research needs in support of fisheries management



### □ Theme

- A: Fisheries in ecosystems (Regional analyses, pan-European synthesis)
- B. New technologies, data and methods (pan European research, drawing on best available expertise)
- C. Performance of management (Regional analysis, pan-European synthesis)

### □ Sub-themes: *Within each theme sub-themes were considered a priority by STECF.*

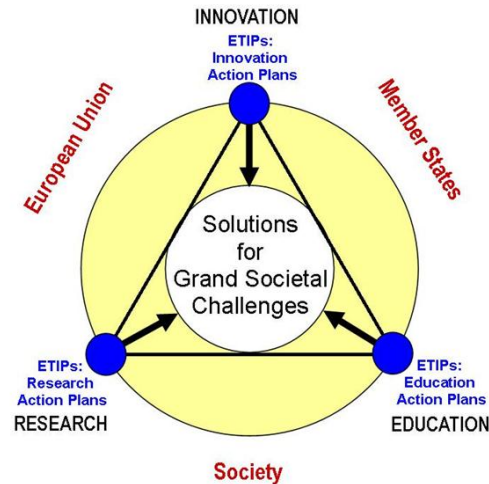
### □ Links to other research initiatives:

*.... For example, the Draft Strategy for the European Fisheries Technology Platform (EFTP) includes themes on energy efficiency, fishing vessel technology and fishing gear technology **that complement the research proposed by STECF. The combined emphasis technological development (EFTP proposals) and reducing environmental impacts (STECF proposals) would support interaction and joint innovation.***

# Conclusion

- ❑ EFTP is established
- ❑ EFTP has started to have an impact
- ❑ Funding issues for EFTP SRIA is critical

❑ Now:



# Educational issues

## □ Dwindling subjects in Fisheries

- Fewer, more efficient vessels => technology education disappears
- Eg. education for fishing vessel design, gear development, .....?

How to keep up subjects?

## □ Assumption: Cooperate (

⇒ Better (more comp

⇒ Maybe a role

⇒ But certainly for AquaTT & Marine TT

Students preferences change:  
From: Gear development (eg)  
To: Coastal management  
Aquaculture subjects

# Educational issues

## □ Dwindling subjects

- Eg. education for fishing vessel design, gear development, ----?

## □ Discards

- ie.: catching wrong fish, ie.: a design problem
- Sensors, surveillance technology/equipment, Management and Control → **cybernetics!**

## □ Safety (EHS – Environment, Health and Safety)

- Cfr Oil Industry
- Industrial Culture – Human Mind-set
- Captain/owner – fisherman/worker – Profit sharing

# Educational issues

- ☐ Maritime Engineering
- ☐ Renewable Energy

Hot topics?

**VS.**

- ☐ Fishing Gear Engineering
- ☐ Fishing Vessel Design/Engineering

**Education for fisheries specific technologies (ie. providing industry and research with qualified personnel) is a challenge! Is cooperation the answer?**



## Acknowledgements

Many thanks to:

- Vegar Johansen, SINTEF
- Harald Ellingsen, NTNU
- Rosa Fernández, CETMAR
- Maribel Rodriguez, ARIEMA

*Both member of the EFTP Secretariat*

Thank you for listening!

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For more information about the platform: please visit [www.eftp.eu](http://www.eftp.eu) or contact the Secretariat!