SCAR-Fish
Strategic Working Group on Fisheries and Aquaculture

Prof. Michail Pavlidis, University of Crete

General Secretariat of Research & Technology

CASA-SCAR national meeting in Greece

"Bioeconomy National Strategy,"

Athens, 24 May 2018

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on Agricultural Research

FISH Fisheries and Aquaculture Research

About SCAR-FISH

New Common Fisheries Policy

Contribute to the development of EU Marine and Fisheries related *research and innovation policy* under the Common Fisheries Policy (CFP)

SCARFish
" The Ministry Perspective "

Better Coordination between MS and Commission on research and innovation for Fisheries & Aquaculture

Cost Effective Research Effort; Economies of Scale; Avoid Duplication; Improve Efficiency; Share Results; Joint Funding; Linking Existing Work

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SCARFish Terms of Reference (T0R)

TOR 1
Linking Member States and EU Commission

TOR 2
Develop Research & Innovation Collaborations

TOR 3
Research & Innovation Prioritiy Topics and Tasks

TOR 4
Information on Foresight, Common Research Agendas, Mapping EU Capacities

Members

- 24 Member States & Associated Countries (**BE**, CZ, **DE**, **DK**, **ES**, **FI**, **FR**, **GR**, **HU**, IE, IL, **IT**, LT, **NL**, **PL**, **PT**, SE, SI, SK, **EE** UK, **NO**, **IS**, TR) – *in bold currently active ones*

- **Observers**: Observers: EC (RTD, MARE, ENV), EFARO, ICES, JPI Oceans, European Marine Board

- Rotating Chair, Current chair: Soome Ain (Estonia)

SCARFish Work plan and Deliverables 2018

1. **Valorisation of underutilised material**
Research recommendations on the valorisation of under-used material in fisheries and aquaculture

2. **Freshwater aquaculture**
Collection and prioritization of the research needs of the freshwater aquaculture sector

SCARFish Work plan and Deliverables 2018

3. Mapping
of fisheries organizations that are relevant for fisheries management and aquaculture development

4. Fish welfare research - Gap Analysis
Investigate research gaps, define research priorities and reach agreement on these within a broad number of stakeholders, including farmers, the industry, and researchers

Valorisation of underutilized material

- Identify the main sources and amount of underutilised material
- Identify human food uses
- Determine potential value
- Identify any ongoing activities, needs and gaps
- Identify success stories of developing underutilised material for food
- Identify failures to avoid similar mistakes
- Identify the main stakeholders to involve
- Explore policy framework for using underutilised material for food and detect bottlenecks
- Market analysis for new products

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Mapping of Fisheries organizations

- According to a mapping exercise, we have drawn 90 organizations that are relevant for fisheries management and aquaculture development

Microsoft Word
Document

- After review the list will be available on the SCAR website

Fish Welfare Research: Objectives

- ❖ Assessing fish welfare and performance under different management conditions

- ❖ Identification of welfare indicators, for different farmed species

- ❖ Suitable transport and slaughtering systems

- ❖ Identify genetic markers related to stress vulnerability

- ❖ Selection of fish more resistant to stress

- ❖ European legislation on fish welfare

- ❖ Limited availability of veterinary medicinal products, including vaccines & pharmaceuticals, to be used in farmed fish

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Fish Welfare Research: Gap Analysis

- Investigate, from relevant and reliable information sources, *emerging research gaps on fish welfare*, in order to **define research priorities** and to *reach agreement* on these within a broad number of stakeholders, including farmers, the industry, and researchers

- Contribute to improve a *proper communication platform* between the involved actors and *create new synergies* between public and private, in order to promote research and investment in the future.

Marina Bagni (Health Min.-Italy), CWG coordinator

Giuseppe Arcangeli (IZSVe- Italy), SCAR-FISH

Michalis Pavlidis (GSRT, Greece), SCAR-FISH
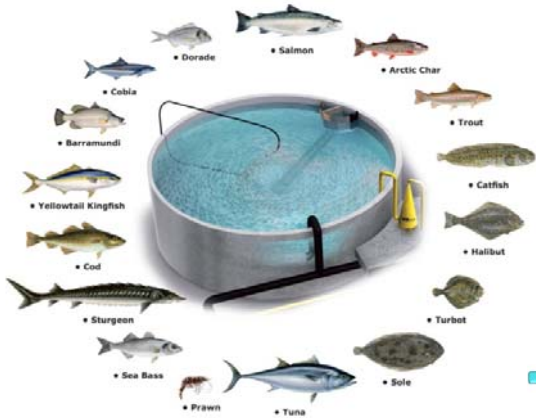
February - September 2018

Aquaculture industry perspective
Hellenic Technology Platform for Aquaculture

- Industry led initiative
- Common area for cooperation between industry, academia and research stakeholders
- Within the context of the European Technology Platforms
- 88 members able to provide their knowledge and experience

Aiming to:
- Shape the research agenda for Mediterranean species
- Identify R&D goals
- Mobilize both private and public funds
- Foster networking at national and international level

Thank you for your attention