



# *Comments on the SEAS-ERA draft Marine Research Plan – Aquaculture Perspectives*

SEAS-ERA Atlantic Consultative Workshop  
28-29 February 2012, Wandelaarkaai 7, Ostend, Belgium

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# The EATIP Methodology

- ▶ Initiative Areas (*EATP*)
- ▶ Establishing EATIP and RTDI The
- ▶ Populating TAs = Experts drafting
- ▶ Online Consultation
  - ▶ *Members*
  - ▶ *Public*
- ▶ Regional Consultation Workshops

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- ▶ Final Ranking and Harmonization
  - ▶ *Operative Council*
  - ▶ *BoD*
  - ▶ *AGM*



arts

# Aquaculture: SeasERA – EATIP Priorities



Indicative Research Issues:

Priority Ranking – 3 workshops

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	Ranking	TA	Goals	Title	Ranking %	
Containment and Development of g standards	1	TA4	Goal 1	Formulation of feeds on solid knowledge & sust. raw materials	8%	
Disease control: D novel treatments	2	TA2	Goal 1	Ensure environmentally sustainable industry by innovation	6%	
	3	TA8	Goal 1	Ensure good governance - level playing field	6%	
Species diversity	4	TA7	Goal 1	Improve fish health through understanding - vaccines....	5%	
	5	TA1	Goal 4	Better understand consumer perceptions	5%	
Interactions with Directive/Natura	6	TA2	Goal 2	Develop efficient technologies to support growth	5%	
	7	TA2	Goal 3	Ensure profitability through improved management and technology	4%	
	8	TA1	Goal 3	Deliver high quality aquaculture products....	4%	
	9	TA5	Goal 5	Tools for environmental governance	4%	
	10	TA3	Goal 2	Genetic improvement of traits	4%	

Genetic improvement of traits



# New species

FRESHWATER	COLDWATER MARINE	MEDITERRANEAN
European catfish	Wrasse	Sole
Tilapia	Seaweed/ Laminaria	Amber jack
Perch	Single cell algae	Tuna
Pike-perch		Meagre
Paddlefish		Sea cucumber
		Invertebrates
		Wreckfish
		Grouper



# Processing: SeasERA – EATIP Priorities



## ► EU 2020: Jobs!

### Seafood Processing: four specific issues identified,

1. Product development
2. Consumer health
3. Traceability
4. Certification and branding (labelling)

Food Safety

Processing

Food and health

Status waste recovery and utilisation.

# 1

### Indicative Research Issues:

**Food Safety:** methodologies for a) elimination of parasites and consequential indemnities b) to reduce the pollution by metals and dioxins

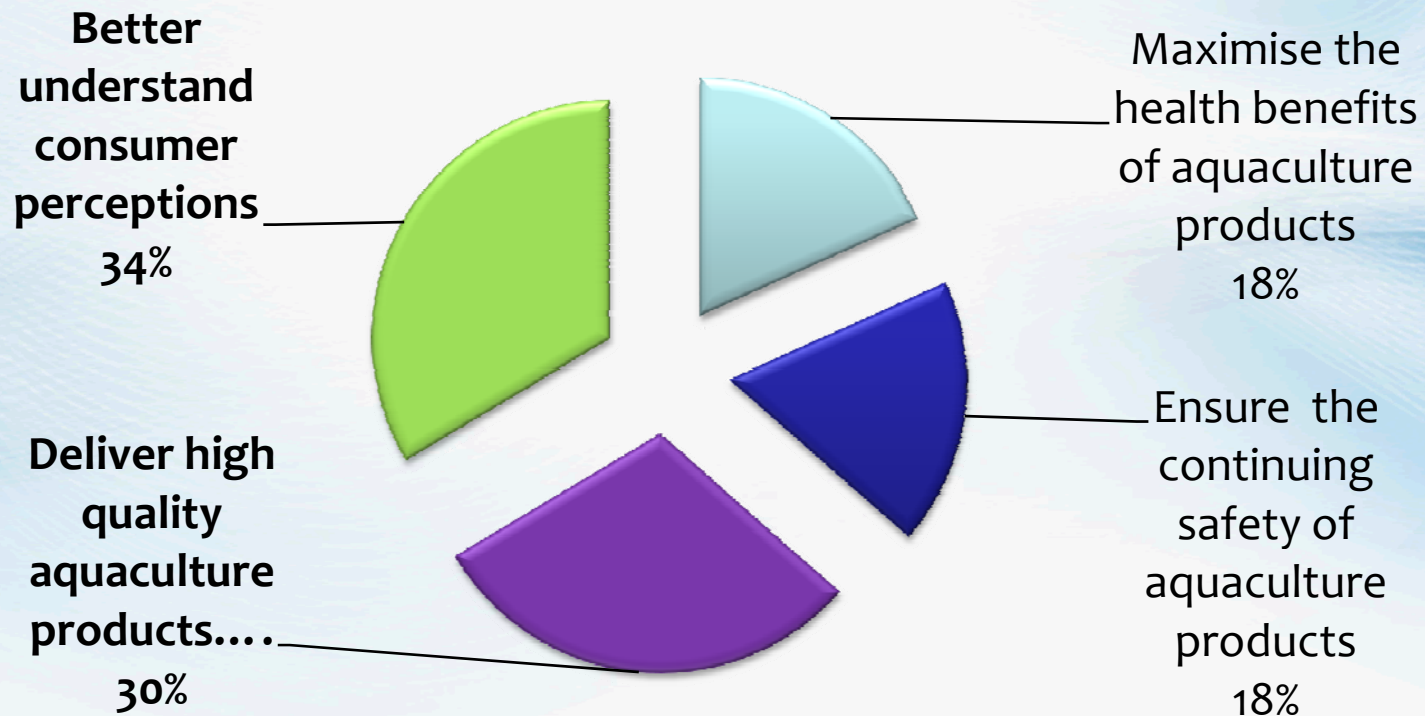
**Processing:** processes for reutilization of discards and by-catch biomass

**Food and health:** determine the influence of seafood consumption on health.

**Indicative Enabling Actions:** current status of fish processing waste recovery and utilisation.



# TA 1: Product quality, Consumer Safety & Health - Summary



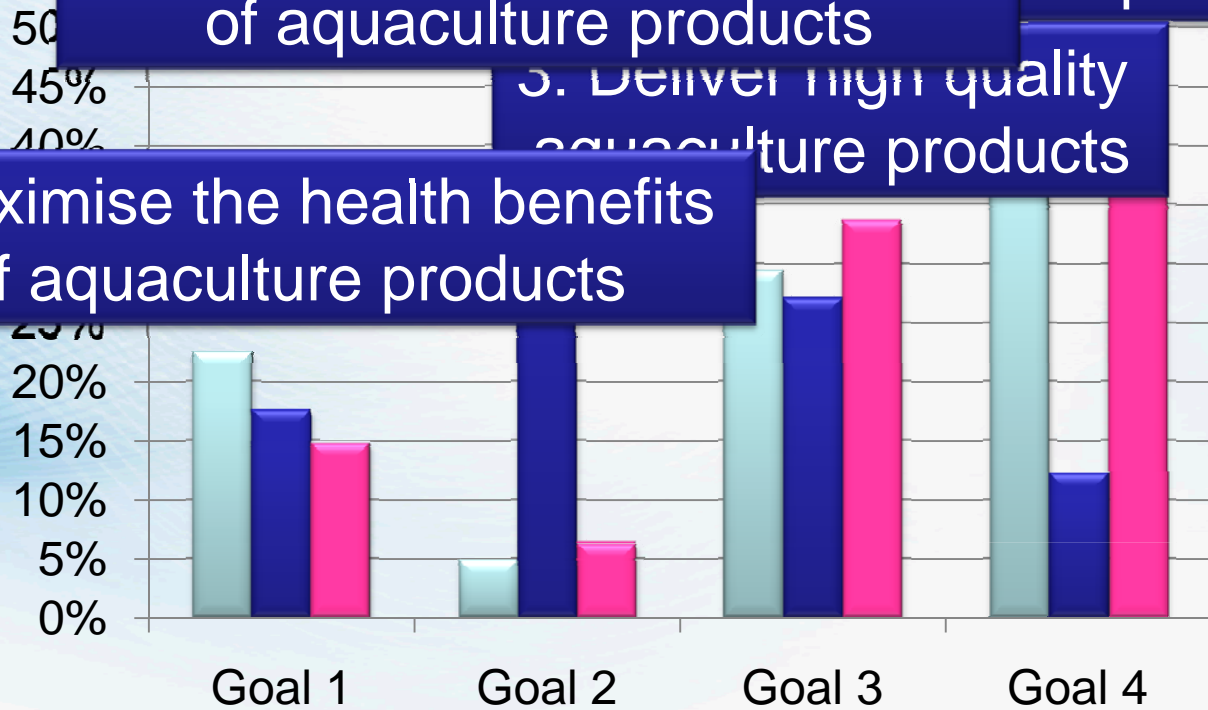
# TA 1: Product quality, safety and consumer perceptions

2: Ensure the continuing safety of aquaculture products

4: Better understand consumer perceptions

3: Deliver high quality aquaculture products

1: Maximise the health benefits of aquaculture products



- Freshwater
- Coldwater
- Mediterranean



# Aquaculture: SeasERA – EATIP Priorities



## Indicative Research Issues:

Containment and Escapees:  
Development of guidelines and standards

Disease control: Development of novel treatments

Species diversity

Interactions with EU Habitats Directive/Natura 2000.

Food Safety

Processing

Food and health

Status waste recovery and utilisation.

## Priority Ranking – 3 workshops

Feeds: knowledge & sust. raw materials

environmentally sustainable industry by innovation

good governance - level playing field

fish health understanding - vaccines....

understand consumer perceptions

efficient technologies to support growth

profitability by management and technology

Deliver high quality aquaculture products....

Tools for environmental governance

Genetic improvement of traits



# Aquaculture: SeasERA – EATIP Priorities



## Seafood Processing: 4 specific issues

- Product development
- Consumer health
- Traceability
- Certification and branding (labelling)

## Indicative Research Issues:

- Food Safety
- Processing
- Food and health
- Status waste recovery and utilisation.

## Priority Ranking – 3 workshops

Feeds: knowledge & sust. raw materials

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Deliver high quality aquaculture products....

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Genetic improvement of traits

**Thank you for attention!**

**Torgeir Edvardsen**