How SEAFOODplus integrates aquaculture research in the total food chain

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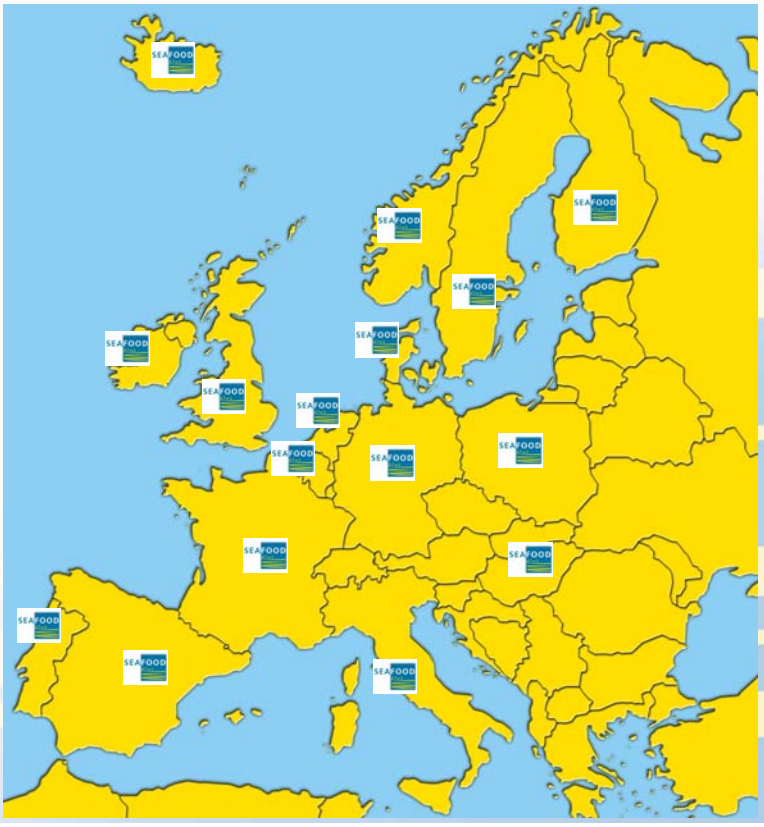
Key project information

- **Type of Project: Integrated Project**
- **Project title: Health promoting, safe seafood of high eating quality in a consumer driven fork-to-farm concept**
- **Coordinator: Professor Torger Børresen, Ph.D.**
- **Total budget: 26 million euro**
- **EU contribution: 14.4 million euro**
- **Number of partners: 68**
- **Number of countries involved: 17**
- **Main research areas: 6**
- **Number of projects: 20**
- **Industry partners: 15 %**
- **www.seafoodplus.org**

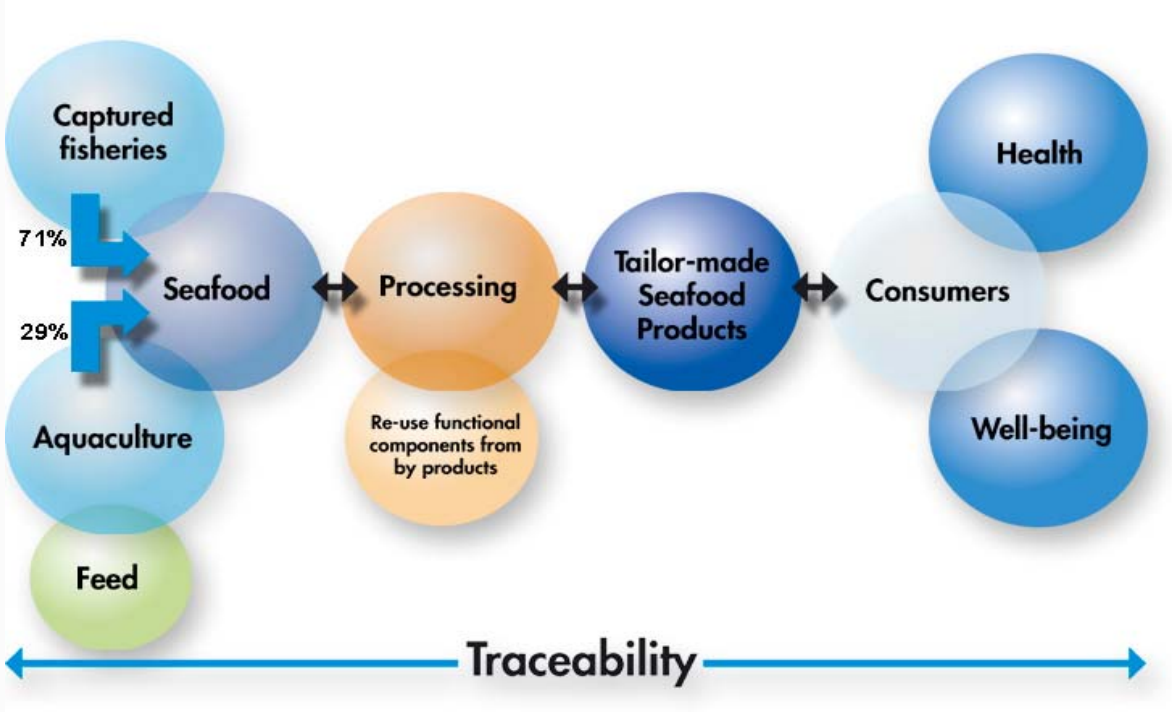
SEAFOODplus Session AQUA 2006, 11 May 2006, Firenze

Partners in SEAFOODplus

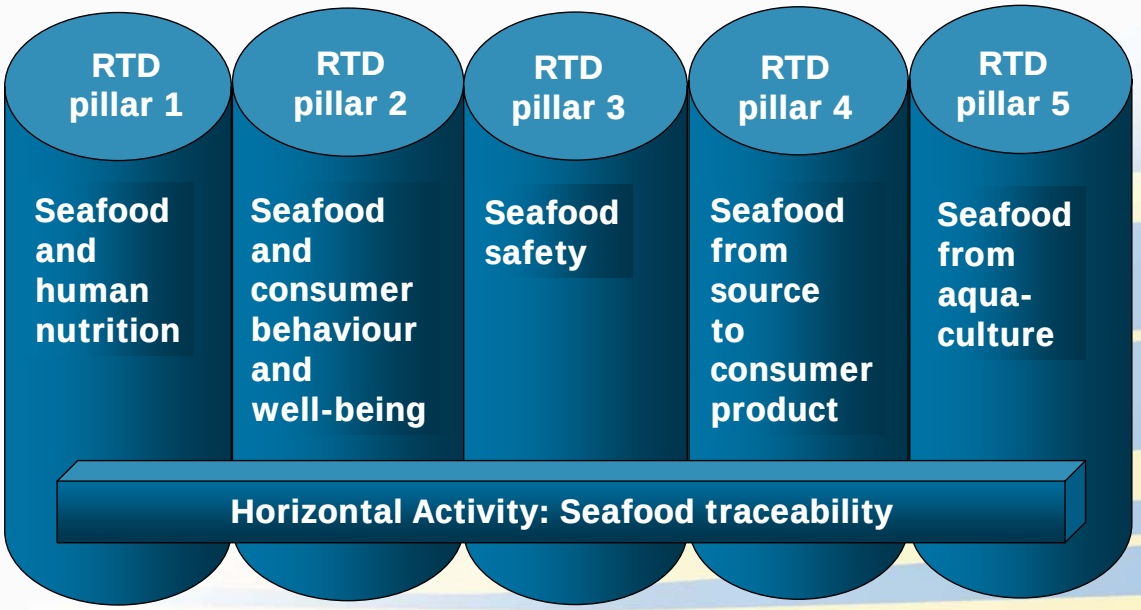
68 partners in 17 countries



The Total Food Chain approach



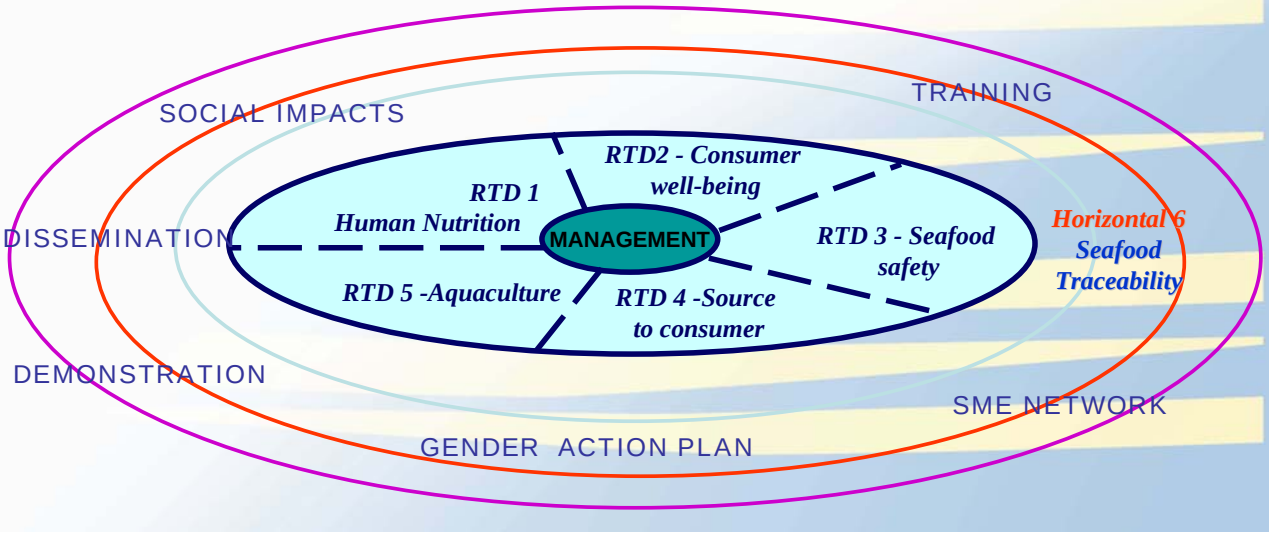
Organising the research



A challenge: How to integrate aquaculture research in the total seafood chain

Organising accompanying actions:

ITD – Industry, Training, Dissemination



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ITD 6
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RTD objectives and ambitions

RTD pillar 1

Seafood and human nutrition

Overall objective:

Reduce incidences of nutrition related chronic diseases (cardiovascular, cancer and inflammatory), treat weight problems and prevent osteoporosis and postpartum depression

- **1.1 FISHGASTRO**

Liz Lund, IFR, UK

- **1.2 YOUNG**

Inga Thorsdottir, LSH, IS

- **1.3 METAHEART**

Ingeborg Brouwer, WCFS. NL

RTD objectives and ambitions

RTD pillar 2

Seafood and consumer behaviour and well-being

Overall objective:
Provide improved and better balanced health-related communication strategies to consumers

- 2.1 CONSUMERSURVEY

Karen Brunsø, MAPP, DK

- 2.2 SEAFOODSENSE

Emilia Martinsdottir, IFL, IS

- 2.3 SEA-INFOCOM

Wim Verbeke, UGENT, BE

Svein Ottar Olsen, NIFA, NO

- 2.4 CONSUMEREVALUATE

RTD objectives and ambitions

RTD pillar 3

Seafood safety

Overall objective:
Avoiding risks caused by viral and bacterial contamination, and prevent occurrence of biogenic amines in seafood

- 3.1 REFHEPA

Albert Bosch, UB, ES

- 3.2 REDRISK

Monique Pommepuy, IFREMER, FR

- 3.3 SEABAC

Ron Lee, CEFAS, UK

- 3.4 BIOCOM

Paw Dalgaard, DIFRES, DK

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RTD objectives and ambitions

RTD pillar 4

Seafood from source to consumer product

Overall objective:
Develop consumer driven tailor-made, functional seafood products in a concept of full utilisation of raw materials

- **4.1 PROPEPHEALTH**

Gudjon Thorkelson, IFL, IS

- **4.2 HURDLETECH**

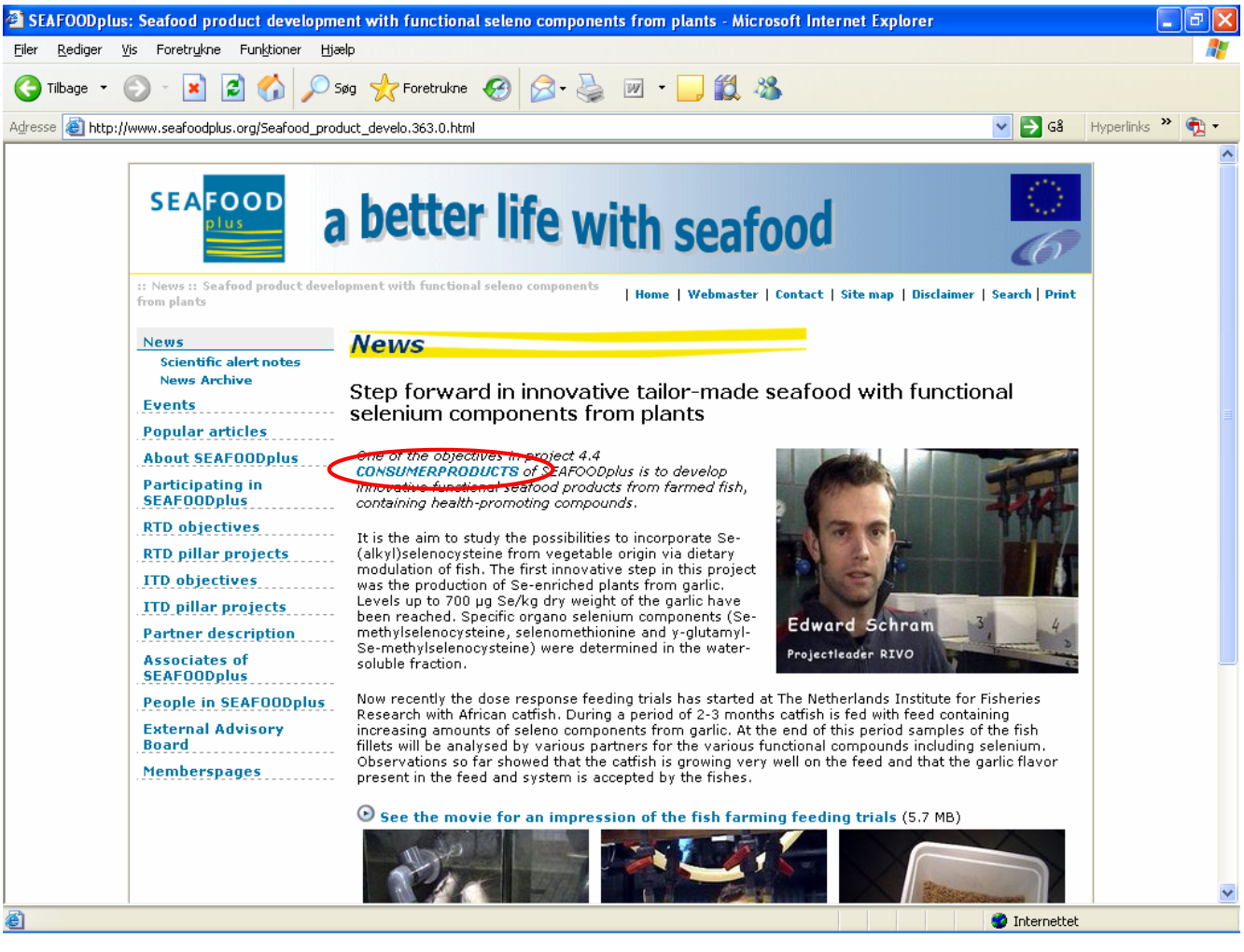
Francoise Leroi, IFREMER, FR

- **4.3 LIPIDTEXT**

Charlotte Jacobsen, DIFRES, DK

- **4.4 CONSUMERPRODUCTS**

Mercedes Careche, CSIC, ES



RTD objectives and ambitions

RTD pillar 5

Seafood from aqua-culture

Overall objective:
Provide farmed seafood from sustainable and environmentally friendly production systems through dietary modulation and modern genetic selection

- 5.1 BIOQUAL

Björn Thrandur Björnsson, UGOT, SE

- 5.2 ETHIQUAL

Hilde Toften, NIFA, NO

A new 'add-on' activity to strengthen integration within SEAFOODplus

- **ETHI-COD**
  - Based on cod used in ETHIQUAL 2005
  - Cod held in cages until 2006
  - Offered for experiments within RTD 2, consumers, and RTD 4, quality aspects
  - Planning meeting to be held in Tromsø 1 June 2006
  - Further information: Børge Damsgård

RTD objectives and ambitions

Horizontal Activity: Seafood traceability

Overall objective:
Implementation of validated traceability systems spanning the total production chain

- **6.1 METHODOLOGY**

Marco Frederiksen, DIFRES, DK

- **6.2 IMPLEMENTATION**

Jostein Storøy, SINTEF, NO

- **6.3 VALIDATION**

Begoña Perez-Villarreal, AZTI, ES

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Mount Coolum, Australia

Third Open SEAFOODplus Conference
Tromsø, Norway, 30-31 May 2006

30 May: Plenary session

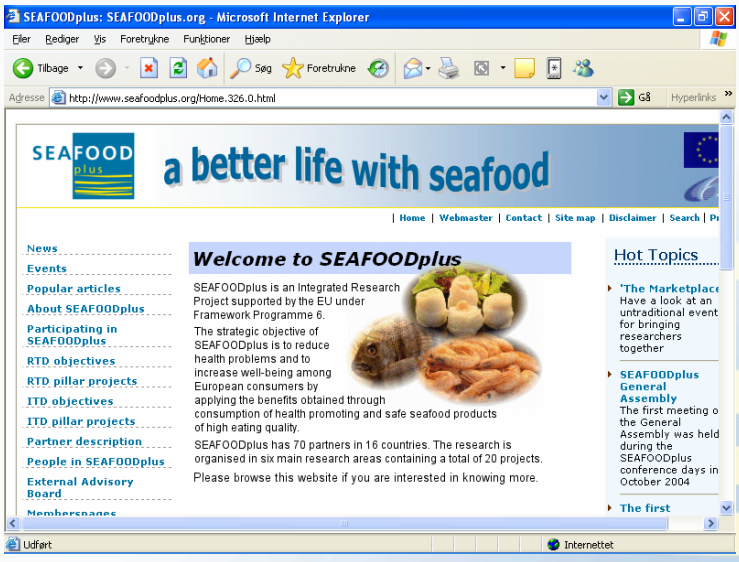
31 May: Three parallel seminars

- **Seafood and industry**
- **Seafood and health**
- **Seafood safety**

Conference Centre Arktika

www.seafoodplus.org

For more information:
www.seafoodplus.org



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A better life with seafood…

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