

Preparing the 'Overarching' EATIP Vision and SRIA

Note: Position of the profession

The professional aquaculture stakeholders share common concerns:

- how to advance
- firmly
- faster
- effectively

in developing the European aquaculture industry, some key questions

- how to devote constrained and scarce RTDI resources more efficiently
- how to focus on really important issues
- how to assure effective transfer of knowledge from industry to science and vice versa

EaTip Core priorities

- 1 Establish a strong relationship between aquaculture and the consumer
Health, quality, traceability...
- 2 Assure a sustainable aquaculture industry
Social, environmental and economic
- 3 Consolidate the role of aquaculture in society
Knowledge management, skill development, communications, networking...

RTDI is the solution...but it must

- Contribute solutions that we need
- Have qualified teams that can do the work
- Do the work effectively & economically
- Make an impact on the profession
- Make an impact on knowledge

In other words, make a difference!

Goals of this Technology & Innovation Platform

Enable stakeholders to identify together the innovation challenges for their collective interests
THE VISION DOCUMENT

Develop a **STRATEGIC RESEARCH AGENDA** that responds to these challenges

Implement the results through effective dissemination and technology transfer mechanisms –
THE ACTION/IMPLEMENTATION PLAN

Draft Vision & SRIA

Based on output from the Thematic Areas

- Phenomenal amount of work by experts
 - Valuable and detailed developments outlined
- Now available for consultation as integrated documents
 - Some editing – English correction may be needed for consistency
- Standardisation for each TA
 - [Establish/make clear] the principles for the credibility of the products (Vision/SRIA)
- Measurability of quality (TA1)
 - Certification of health benefits/claims

- Adapted to European challenges (Europe 2020)
- Adapted to Societal challenges
- Not just a ‘shopping list’

An OPEN document that needs to be refined, to be finished and printed by end-May 2011

Current Content

Basic agreement on this – but will take advice from professional

- Adapted to European challenges (Europe 2020) (guideline for all EC policy at present)
- Adapted to Societal challenges (see potocnik comments)
- Not just a ‘shopping list’

Current Structure

- Foreword
- Key Messages and Summary:
- The Vision for European Aquaculture
 - Strategic guidelines for aquaculture
 - The Challenges for Europe and for Aquaculture
- The European Challenge for Aquaculture
 - Opportunities
- The Future for Aquaculture: What will the sector look like in 20 years?
- The Strategic Research Agenda - “Achieving the Vision”
 - The Visions and Key Goals of the Thematic Areas
 - Conclusions
- The Action Plan
- Recommendations of the EATIP

Recognised shortcomings & comments on document (from Board/Assembly)

CONTENT

- **Too vague**
 - Overlap and repetition
 - Recognise cross-cutting diversities
 - Identify top-level goals
 - **Overall Vision required rather than separate statements**
- **Professional stakeholders - needs to see his needs addressed**
 - Include identified industry concerns
- **Too green, too defensive, too politically correct?**
 - Be bolder, step up pressure
- **Need to see/identify what society wants from aquaculture**
 - How does aquaculture contribute to food security – put into Vision
- **Isolate the goals of the Thematic Areas**
- **Need clear (numbered) targets**
 - Quantifiable objectives (e.g. rate of growth/year ?)
 - 2030 production and value, markets, products, employment
 - Values of where we want to be (FCR, pricing)
- **Competitiveness = within EU or outside EU** – quantitative terms needed
- **Growth = in EU or outside EU?**

- First part should 'sell' aquaculture
 - Be needs-based, goal oriented
- Use term 'Seafood' (instead of fish and shellfish)
 - 'Aquatic organisms' for non-food
- Higher accent (recognition) for freshwater aquaculture
- Discards should be considered – big EU issue
 - Strategies needed for by-product (fisheries) use

- Noting as well:**
 - Non-productive legislation
 - European aquaculture must be competitive in a global market
 - Growth levels must catch up with global levels
 - We are already the best – but barriers to growth must be removed
 - Modern concepts
 - Environmental services (e.g. carbon sink provided by mollusks)
 - Aquaculture for Biofuels & Bioactive compounds

- Communication points:**
 - Need tools to oversee all of the advantages that aquaculture provides (Science-based)
 - Improve aspects on communication needs and image (of the sector)
 - Need clarity on GMOs and genetics
 - Need to promote aquaculture
 - Productivity, competitiveness, creativity, innovation

- **Other related comments**
- Note the impact of the environment ON aquaculture
 - Positive effects of aquaculture

- **Include biotech – marine biotechnology**
 - Incorporate aquaculture within this sphere
- **Seaweed/algae production as alternatives for feeds?** (need figures input on this)
 - New uses for algae
- **IMTA**
 - Link to successful procedures in Asia?
 - Provide through Aqasem09
- **High quality does not necessarily mean high price (vs. EU Strategy arguments)**
- **Low energy (to produce) protein source + other ingredients**
 - Still a very healthy product (even if lower in PUFA)
- **(Positive) Interactions between aquaculture and fisheries + domestication of species**
 - E.g. position of tuna fisheries vs. aquaculture potential
 - Role in conservation and enhancement (restocking activities)
 - Needs discussion with other players in coastal economies (ICZM?)
- **Try to link TA sub-goals to (main) aquaculture species (table? Figure?)**
- **Role of public sector vs. industry in development**
 - What can the industry do on its own?
 - Funding? Concentrate funding?
- **10 year perspective useful for FP8**
 - **Is the Vision too short term at present?**
- Learn from the market
- Livestock (inc. Aquaculture) only provides a small contribution for human consumption - >50% from plants
- Competitiveness = within EU or outside EU – quantitative terms needed
- Growth = in EU or outside EU?

Additional notes from the AGM:

- How to assure integration of the EATIP Thematic Areas?
 - Have worked in 'isolation' for last year
 - Need to avoid overlap
- Technology can also lead to loss of jobs
 - Looking to improve systems and productivity
- Aquaculture economics is not in the vision – as a science it is missing
 - Very important in the choice of species and farming systems
- Management needs professionalization
- Need to build discussions on a scientific basis, follow by work that reflects good, better science

Consultation should involve related sectors – eg oceanography, biotech – through ETPs?

- **Create links to be better positioned and recognised**

EATIP has to be a focal point for the knowledge generated, dissemination and promotion of innovation; needs to create conditions to attract investment.

- Mirror groups will follow the issues at National level
 - More specific, adapted to local, national specialities & issues

Finalisation

1. Comments/contributions from EATIP members by April 15
2. Rewriting by journalist for April 29
3. Circulation/review
4. Agreement by May 13
5. → Lay out → Printing - for distribution and for consultation workshops

Thankyou for your inputs and help!

EATIP Secretariat 05/04/2011