

European Aquaculture

Technology and Innovation Platform





Annex 2: The EUROSHHELL Project: Presentation by Alistair Lane



The Future of European Aquaculture

Our Vision: A Strategic Agenda for
Research & Innovation

2012



Aquaculture & the Consumer

Product Quality,
Consumer
Safety & Health

Sustainable
Feed Production

Assuring a Sustainable Industry

Technology &
Systems

Managing the
Biological Life
Cycle

Aquatic Animal
Health & Welfare

Aquaculture in Society

Integration with
the Environment

Knowledge
Management

Socio-Economics,
Management &
Governance



How to bridge the gap between science and producers to support the European marine mollusc production sector?

Communicate scientific knowledge to producers

Allow producers to express their needs & participate in research projects

Further develop a vision and research agenda for the European shellfish sector - better integration of the sector in the European Aquaculture Platform for Technology and Innovation (EATIP)

Not a new structure of knowledge management but will strengthen the links between existing structures.

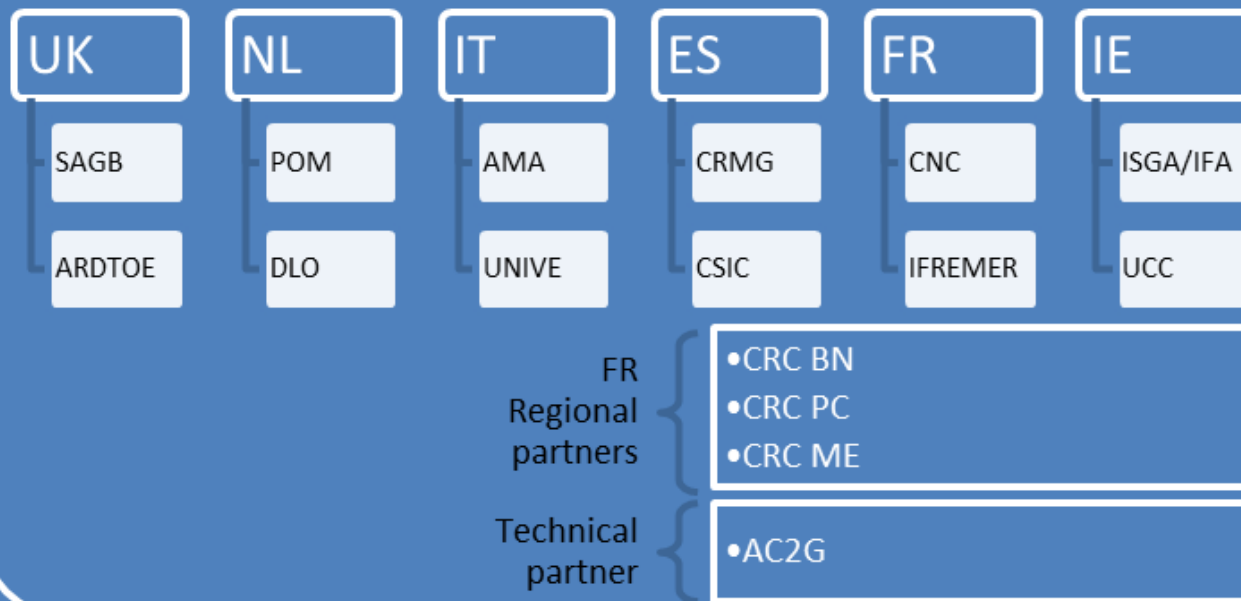


European level

EMPA

EAS

National level



Regional workshops



Expected outcomes



- **Bring together shellfish stakeholders**
- **Establish a common vision for industry**
- **Producers define research priorities**
- **Validate a model for transferring knowledge**



Outcomes - research



- Causes and solution for mortality crises
- Juvenile supply – management of natural beds + hatchery
- Valorising by-products (shells)
- Better traceability and labelling (origin)
- Market research & product diversification
- Impact of pesticides on phytoplankton
- Impact of climate change



Outcomes - extension



- Producers want information
- Provided locally but with European dimension
- Better coordination of knowledge providers
- 'Upflow' of information from producers back to providers
- Right language 'set'
- Knowledge is 'co-constructed' – it is created, exchanged and expanded by the contributions of all...



Outcomes – 2030 Vision



- European shellfish production will increase by 10 - 30%
- Global shellfish production will increase by 100%
- Between 30 and 70% of seafood consumed in Europe will be imported aquaculture products
- The main farmed species will be the same as at present
- The production of juveniles in hatcheries will increase
- Shellfish species will be better adapted to the environment and the market.

