

DECISION SUPPORT FOR AQUACULTURE POLICY AND GOVERNANCE

THE 'TAPAS' PROJECT

- **University of Stirling** (UK) (coordinator)
- **NIVA** (Norway)
- **DHI** (Denmark)
- **Water Insight BV** (Netherlands)
- **Alterra-Wageningen UR** (Netherlands)
- **Plymouth Marine Laboratory** (UK)
- **Universidad de Murcia** (Spain)
- **Université de Nantes** (France)
- **Hellenic Centre for Marine Research** (Greece)
- **Szent Istvan University** (Hungary)
- **AquaBioTech Group Ltd** (Malta)
- **Marine Institute** (Ireland)
- **NACEE – Eastern European** (Hungary)
- **Aquaculture Stewardship Council** (UK)
- **Fundacion Imdea Aqua** (Spain)



Aquaculture Sustainability Toolbox

Concept

Aquaculture Sustainability Toolbox

Objective

To provide easy access to powerful tools supporting expansion of sustainable aquaculture production in Europe

To support best practise for aquaculture licensing, impact/risk assessments and monitoring



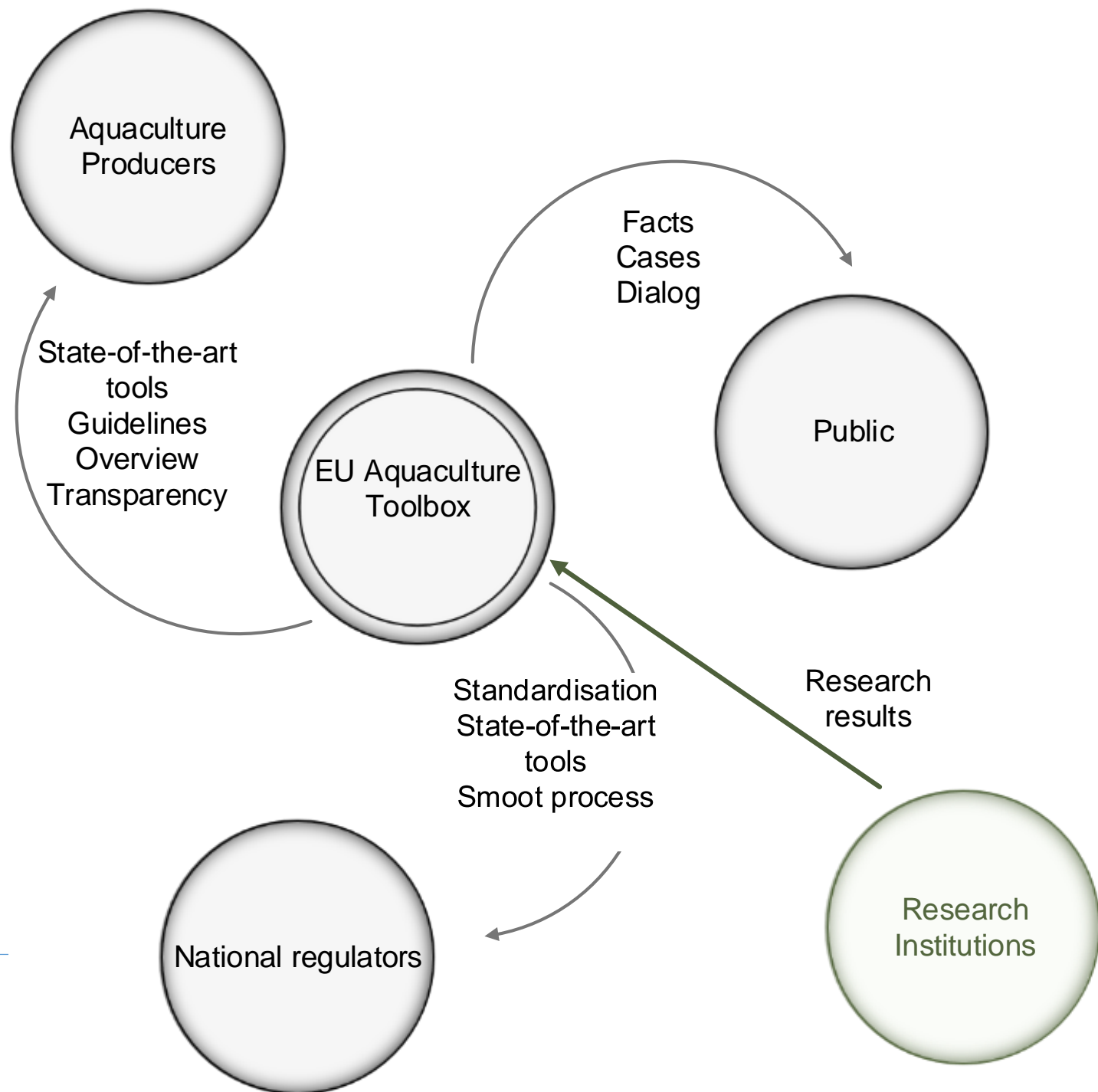
Aquaculture Sustainability Toolbox

User relevant and friendly

Pan-European

Support:

- Transparency
- Standardisation
- Overview
- Processes



User interviews

Improved **regulatory frameworks** for adoption by Member States.

Improved **tools for quantification** of environmental services

Improved **spatial planning** linked to carrying capacity and sustainability indicators

Improved, more **efficient tools for licensing** aquaculture development

Improved, more **efficient tools for monitoring and prediction** of environmental impacts

Improved conditions for investment in the sector through provision of state of the art tools and **integrated, holistic, decision support**

Significantly enhanced real time in-situ **monitoring linked to early warning** and sustainability

Enhanced image of European aquaculture

Strengthened sustainability of the European aquaculture sector

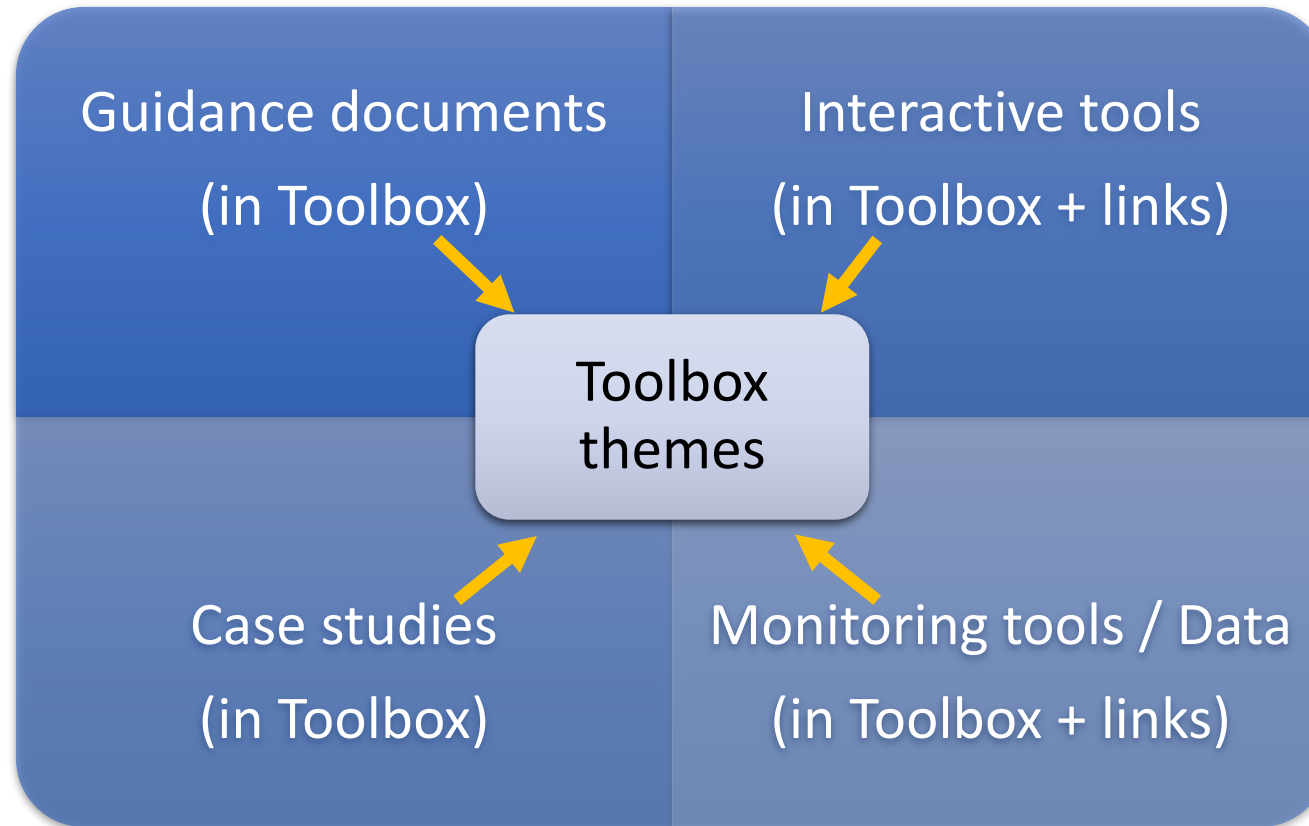
Aquaculture Sustainability Toolbox

Developed a flexible and expandable web portal with:

- **Access to interactive analysis tools**
- **Examples of best practise by guidance documents**
- **Demonstration of application of tools by case studies.**



Aquaculture Toolbox - Basis



Aquaculture Sustainability Toolbox

Cornerstone: Licensing Elements / Process





Aquaculture Sustainability Toolbox - prototype

ABOUT AQUACULTURE TOOLBOX

Aquaculture toolbox is a site where you can see the process of licensing, as well as retrieving documents guide you. They are called guidance documents. Go check out the about page to get more info

[Read more](#)

LICENSING PROCESS

Eu has a best practice process for starting a new aquaculture farm. The following shows the overall process with link to each individual step with descriptions and much more.

[Get started](#)[Overview of the process](#)

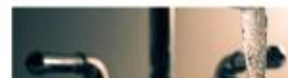
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CASE STUDIES RIGHT HERE

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[Read more](#)

GUIDANCE DOCUMENTS AVAILABLE

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[Read more](#)



Screening

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TOOLS

SCREENING

Tool for screening Aquaculture

Aquaculture toolbox is a site where you can see the process of licensing, as well as retrieving documents guide you.

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GUIDANCE DOCUMENTS



Overview of aquaculture screening processes
By a professor procesman



Overview of aquaculture screening processes
By a professor procesman



Overview of aquaculture screening processes
By a professor procesman

CASE STUDIES

[Reset filters](#)

Process

- ☐ Location
- ☒ Permit
- ☒ Screening
- ☐ EIA

- ☒ Evaluation
- ☐ Consultation
- ☒ Final EIA
- ☐ Monitoring

Country

- ☒ Germany
- ☐ Denmark
- ☐ Poland
- ☒ Romania
- ☐ Spain

- ☐ Austria
- ☒ Finland
- ☐ Hungary
- ☒ France

Journal

- ☒ Journal of water
- ☐ Nordic water journal
- ☐ National biology journal of Denmark

Type to search...

Q Search

PERMIT

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Aquaculture farm

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FINAL EIA

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SCREENING

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EVALUATION

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SCREENING

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Aquaculture Sustainability Toolbox | FUTURE

The Future of the Toolbox

In TAPAS

Training events & material

Case tests

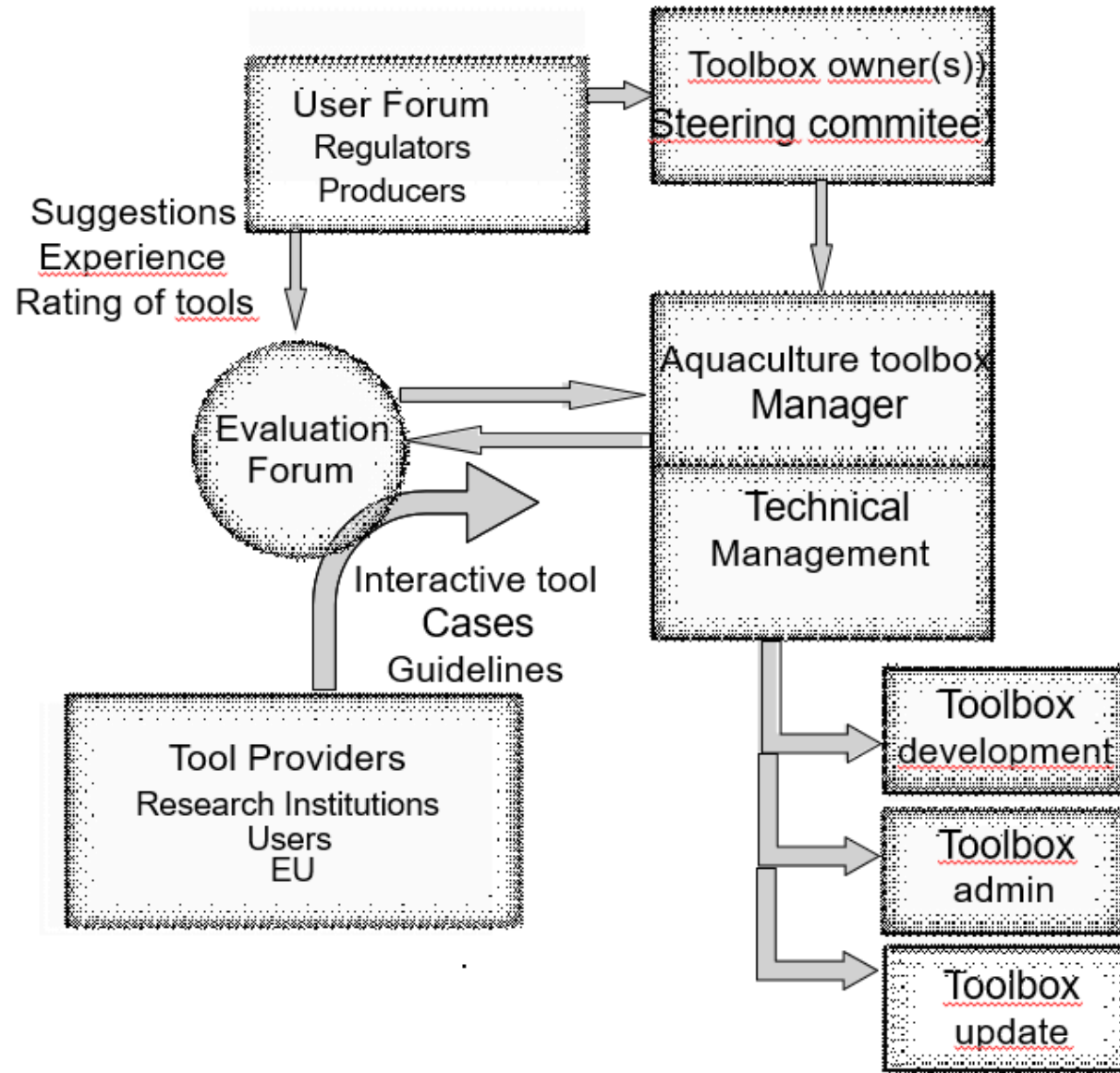
After TAPAS

Content Management System

Support ongoing population with new tools and knowledge

Requiring finansiation

Aquaculture Sustainability Toolbox





Aquaculture Sustainability Toolbox - breakout

WHEN I need to: _____

MY PAIN is: _____

And I will look in Toolbox for:

Guidance on:/Tool for analysis of:/Monitoring tool about:/Case study about:
(choose one)

To gain: _____

In groups of 5 15 minutes EACH GROUP PRESENTS IN PLENUM 3 min



Aquaculture Sustainability Toolbox | THANK YOU