TOOL FACTSHEET

Tool name
Aquaculture Investor Index

Tool type
Model / Site-selection tool (Spatial analysis model)

Short description of the tool
The Aquaculture Investor Index is a mobile application providing investors a rank of the attractiveness for every European country. The aquaculture investor index ranks twenty indicators into five categories, all of which are disparate in nature, but account for the connectivity in the aquaculture industry. The attraction of investment into aquaculture depends on the viability of developing aquaculture for each country. The index benchmarks and tracks countries' progress, aggregated across five categories, market, production, regulatory, environmental, and social. The index is designed to rank the aquaculture competitiveness for each country, by producing a quantitative, and scalable assessment, for stakeholders to assess and monitor aquaculture attractiveness.

Source (where/ link)
Google Play: Investor Index

Licence cost or other type of costs (e.g. maintenance)
Free.

General requirements (technical and input data)
Android operating system 4.1 and up.

Management dimension for which the tool could be used
☒ Policy / Management

☒ Environmental

☒ Economic / Market

☒ Other sectors

Main functionality

☒ Site identification   ☐ Modelling

☐ Mapping   ☒ Stakeholder engagement

☒ Economic analysis   ☐ Ecosystem services assessment

☒ Scenario analysis   ☐ Other: (Please specify)

Fields of application (i.e. issue to be solved)

The Aquaculture Investor Index ranks countries based on five broad categories.

Circumstances in which it can be implemented (strength and opportunities)

The app provides a balanced approach to compare aquaculture attractiveness in different European countries. The methodology can be used to include other regions, and refine specific methodological approaches to balance the index.

Limitations

The index does not adjust scores for the potential for recirculation aquaculture or land locked countries. Additional criteria will be implemented in the future to deal with these shortcomings. Worldwide data to include additional countries will likely present challenges due to poor data availability.

Technical skills needed to operate the tool

None.

Background knowledge needed to implement the tool

None.

How can the tool contribute to the EAA

The EAA steps to which the tool can contribute:

1. ☒ Scoping

2. ☒ The identification of issues and opportunities

3. ☒ Prioritisation of issues

4. ☒ Objectives

5. ☒ Management actions

6. ☐ Monitoring

How can the tool contribute to the MSP

The MSP steps to which the tool can contribute:

1. ☒ Define goals and objectives

2. ☒ Gather data and define current conditions

3. ☒ Identify issues, constraints, and future conditions

4. ☒ Develop alternative management actions

5. ☒ Evaluate alternative management actions

6. ☒ Monitor and evaluate management actions

7. ☒ Refine goals, objectives and management actions

AquaSpace case studies in which it has been implemented

Case study name:

NA.

Reference and link to tool report and Masters' module:

Aquaspace D2.4 at www.aquaspace-h2020.eu Library/Reports page.

AquaSpace Masters Module unit 5 (Introduction to AquaSpace Integrating Tools) at at www.aquaspace-h2020.eu Masters module page

Other bibliographic references