Understanding Fishers' Wellbeing through Participatory Processes in Fisheries Management

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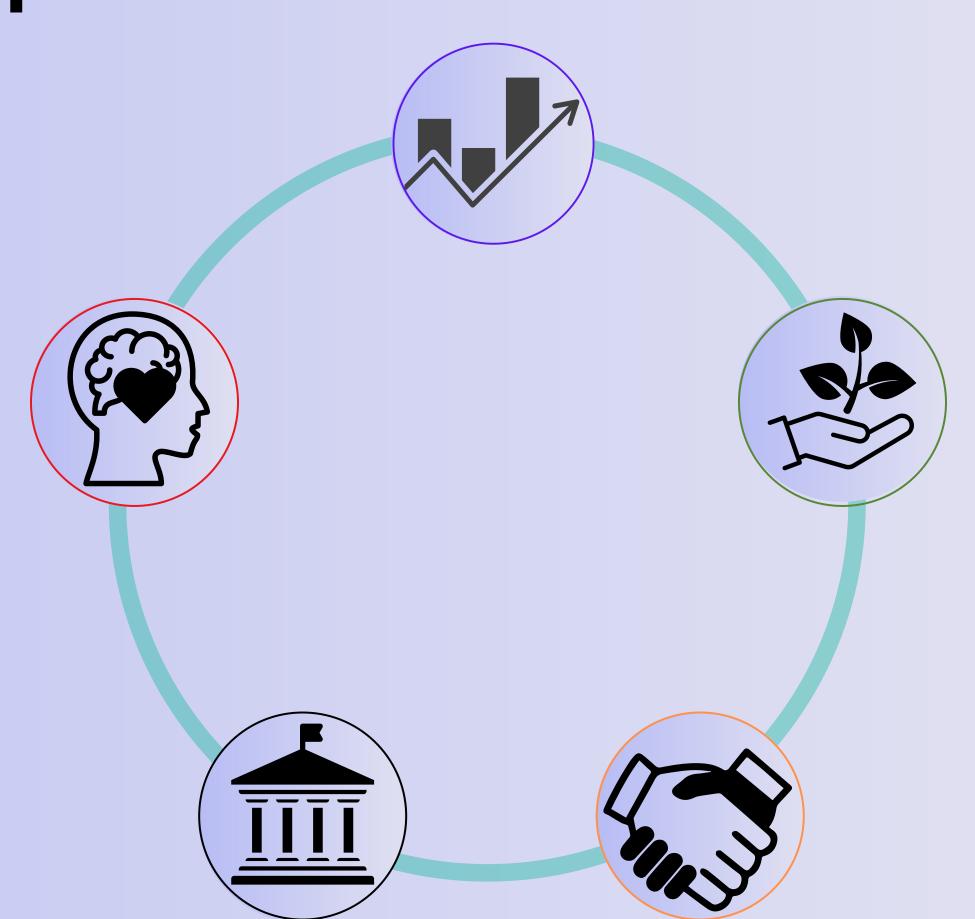
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Research foundation

Well-being is a:

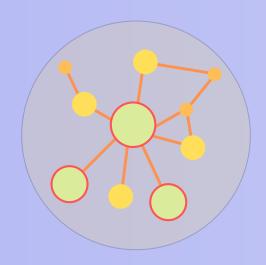
- Complex
- Dynamic
- Circular

system



Rationale

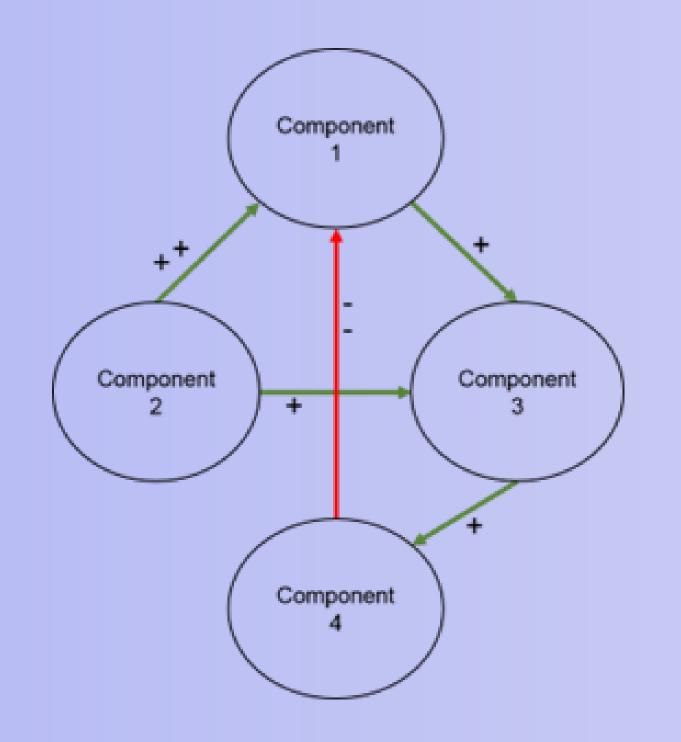
- Well-being often is not addressed as a holistic system in fisheries
- Conficting stakeholders interests and goals
- Different definitions and perspectives
- Accessibility and inlfuence on policy making



This research uses participatory methods to see what would well-being "looks like" as a system and how its elements dymanically interact with each other



What is a Fuzzy Cognitive Map?



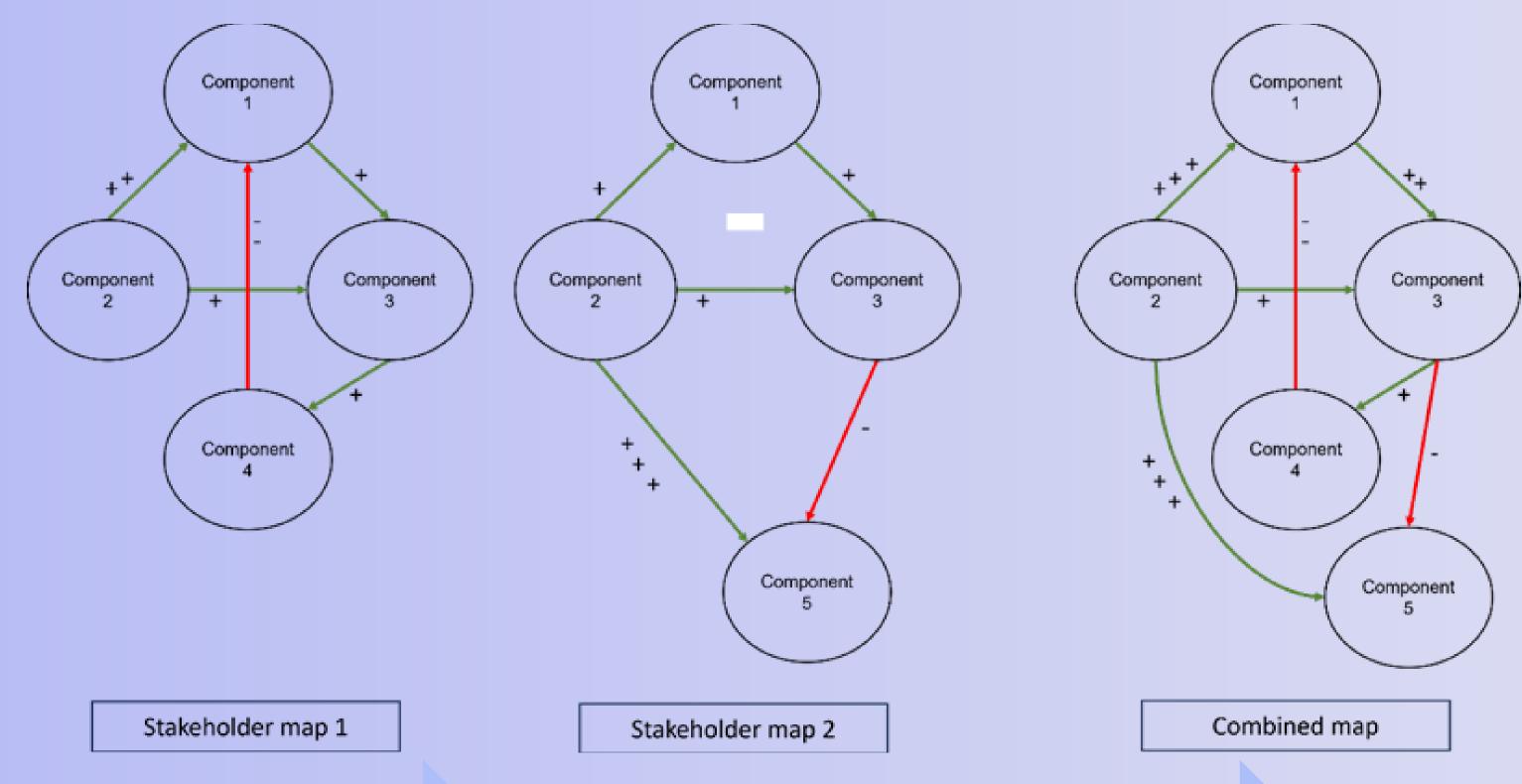
- A model of how a system operates.
- Depicts the system as a graph.
- The relations between components are numeric
- Allows for the quantitative description of the interactions within the system.

Circle = concept/indicator

Arrow = direction of influence

Symbol = nature & strength of influence

How can we use FCMs in research?



Individual maps

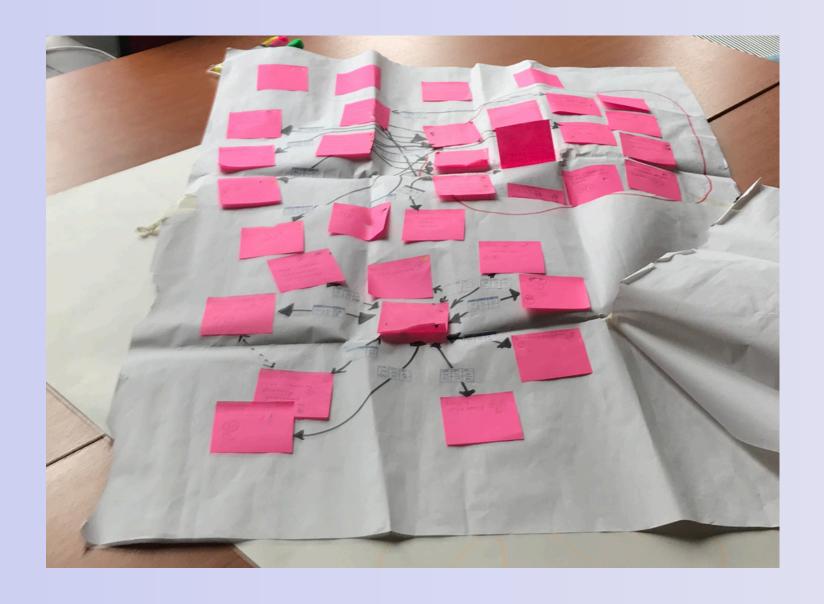
Stakeholder group maps



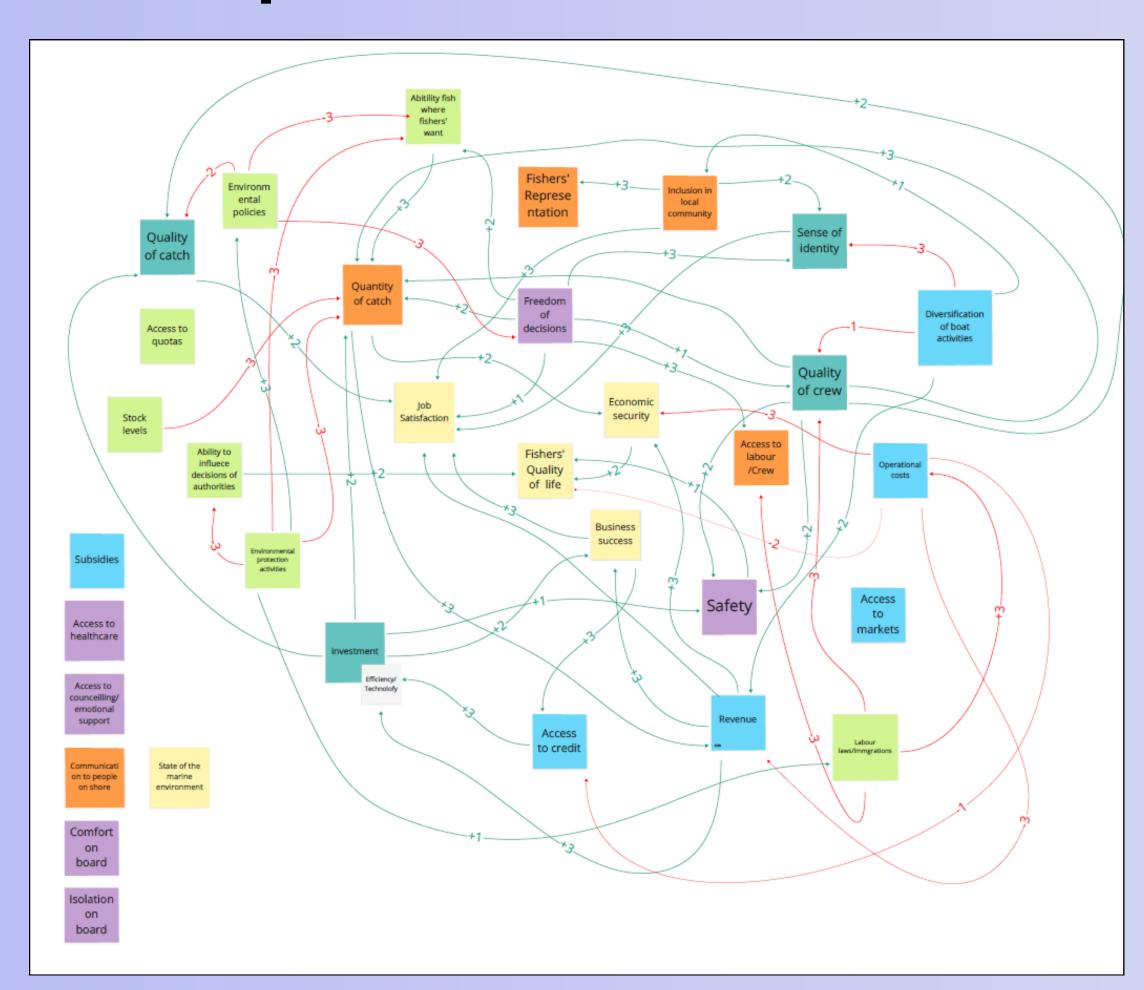
Community map

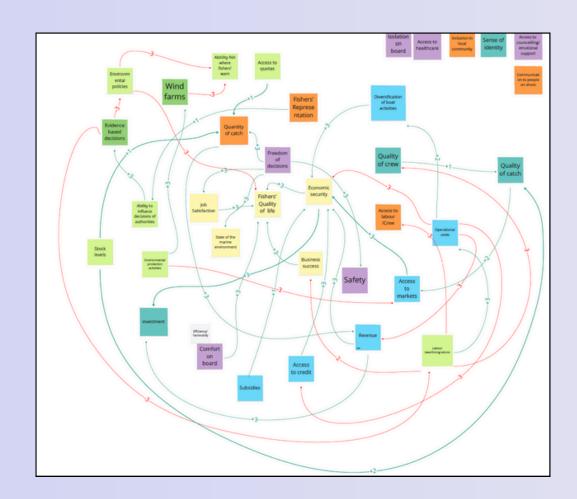
Methods and data collection





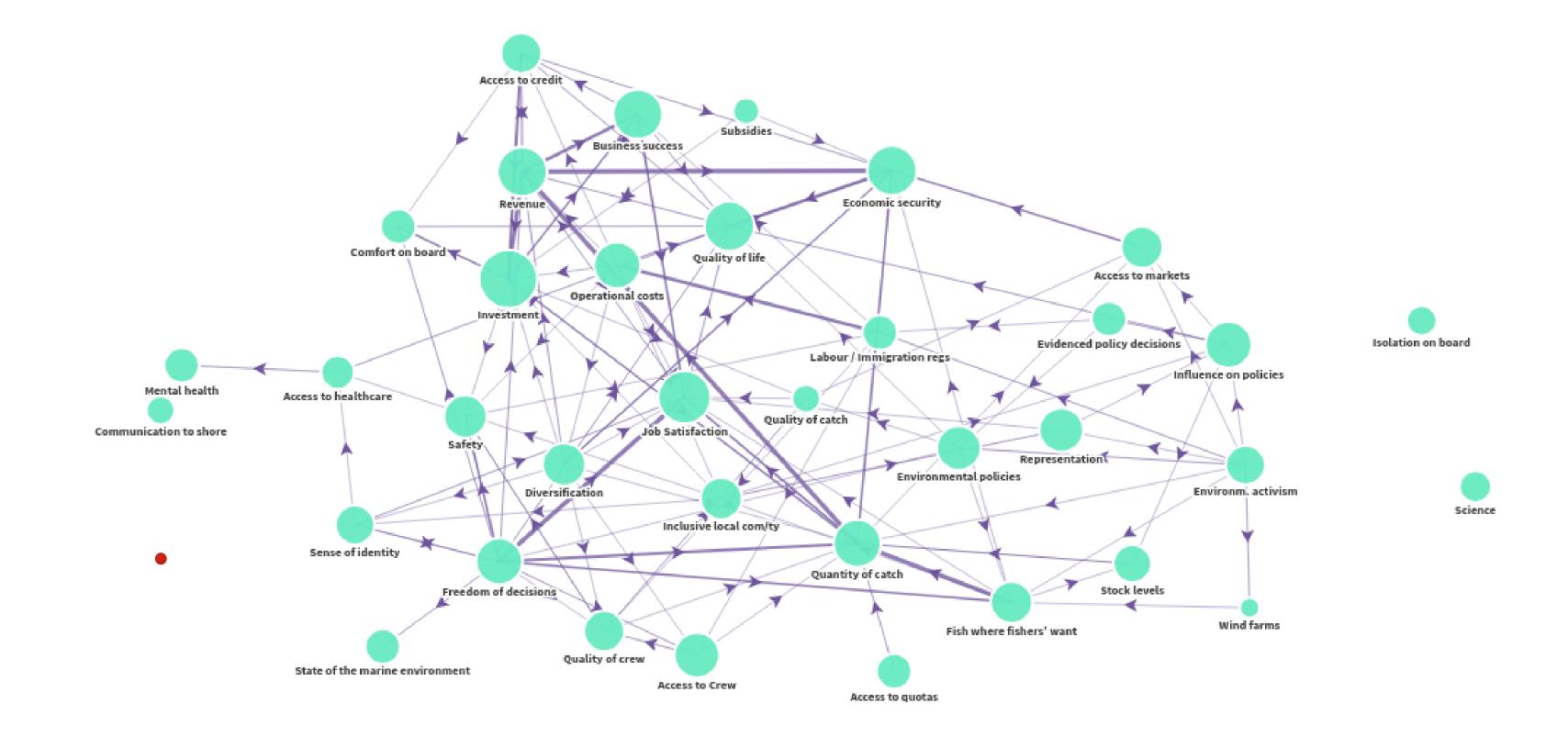
FCM example



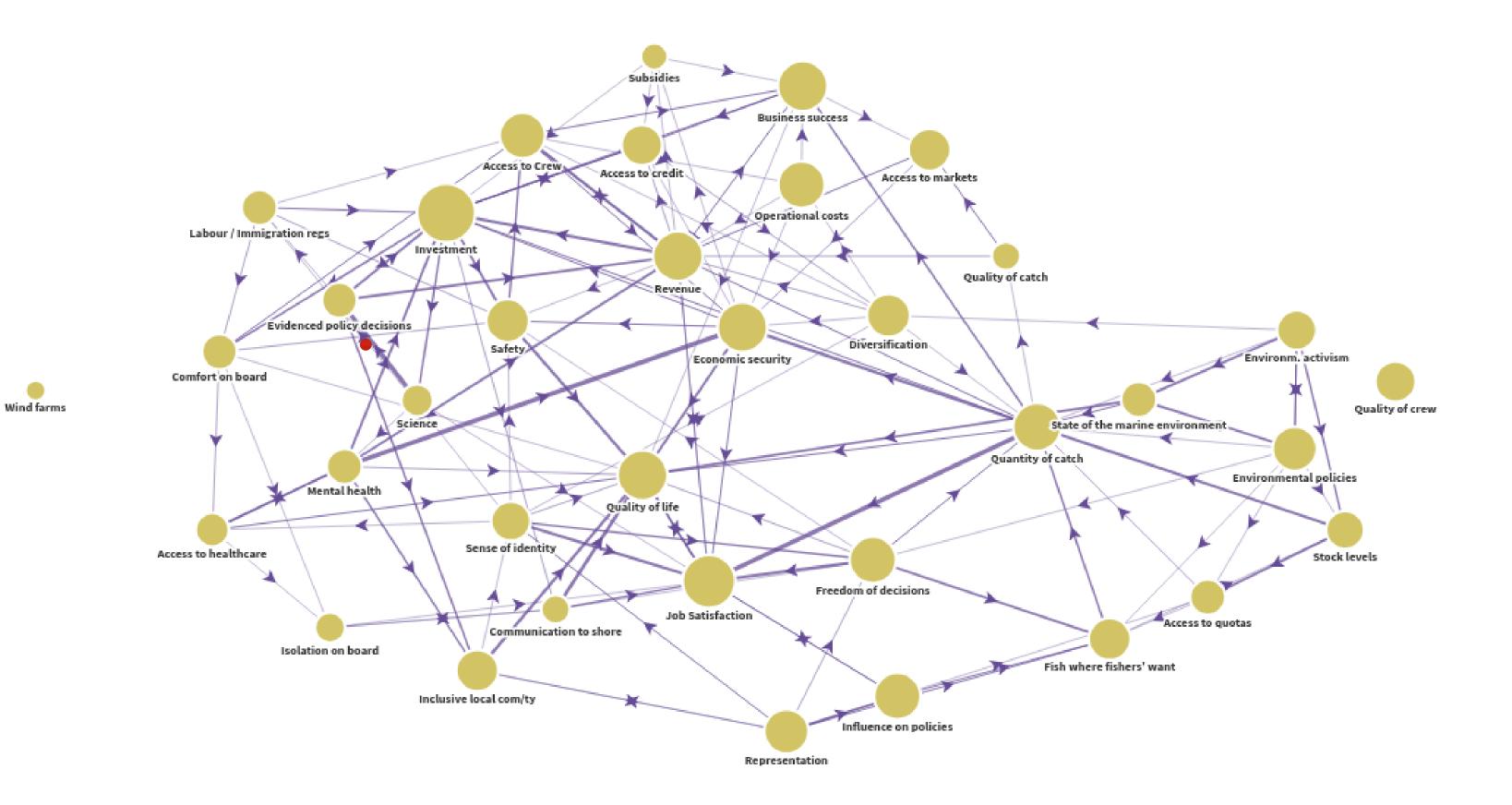


	Fishers	Research	Representatives	Civil society	Government	Community
Number of participants	5	3	3	4	3	17
Number of indicators	34	35	35	35	37	37
Number of connections	107	130	111	168	114	301

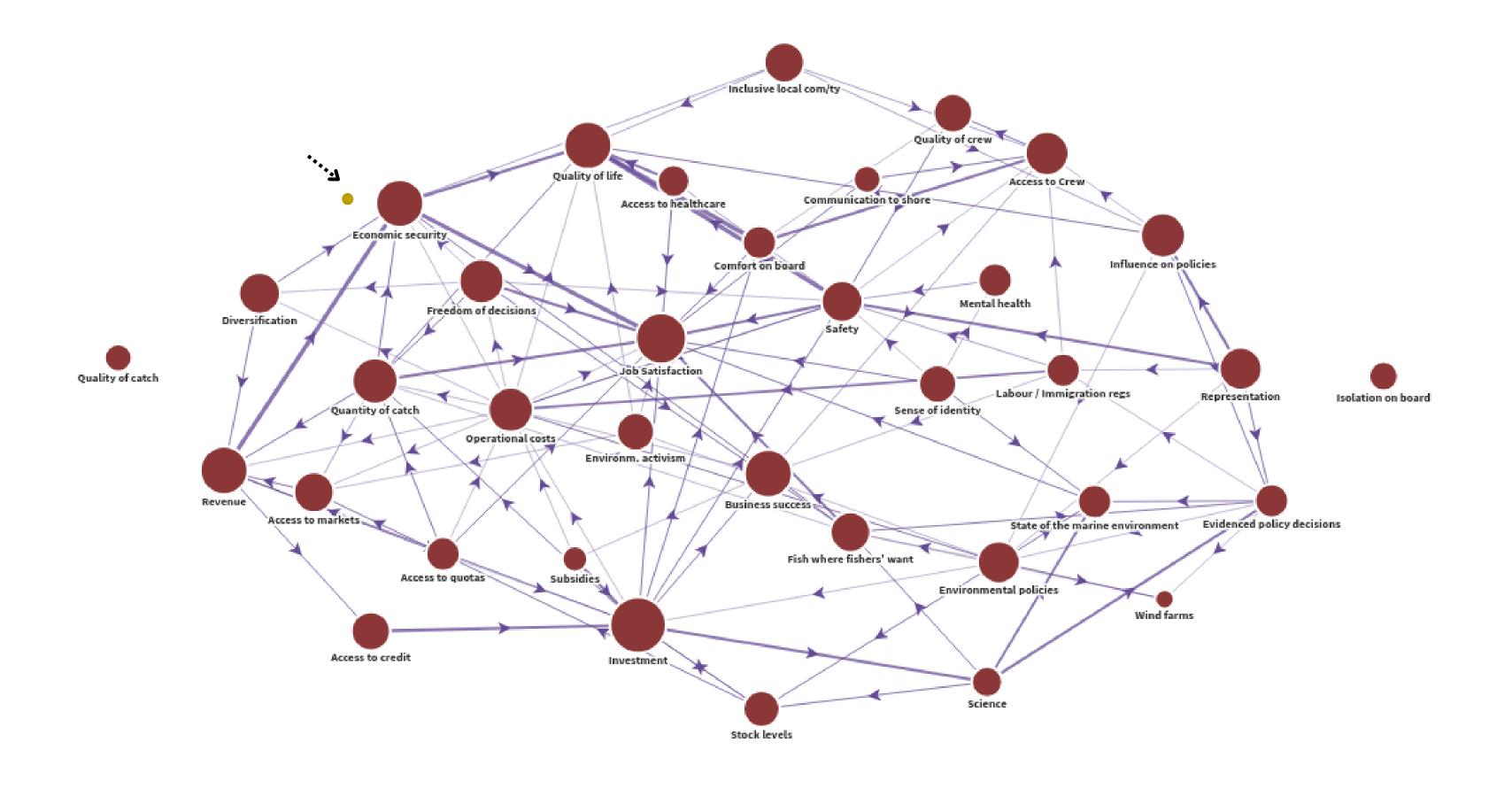
Fishers' map



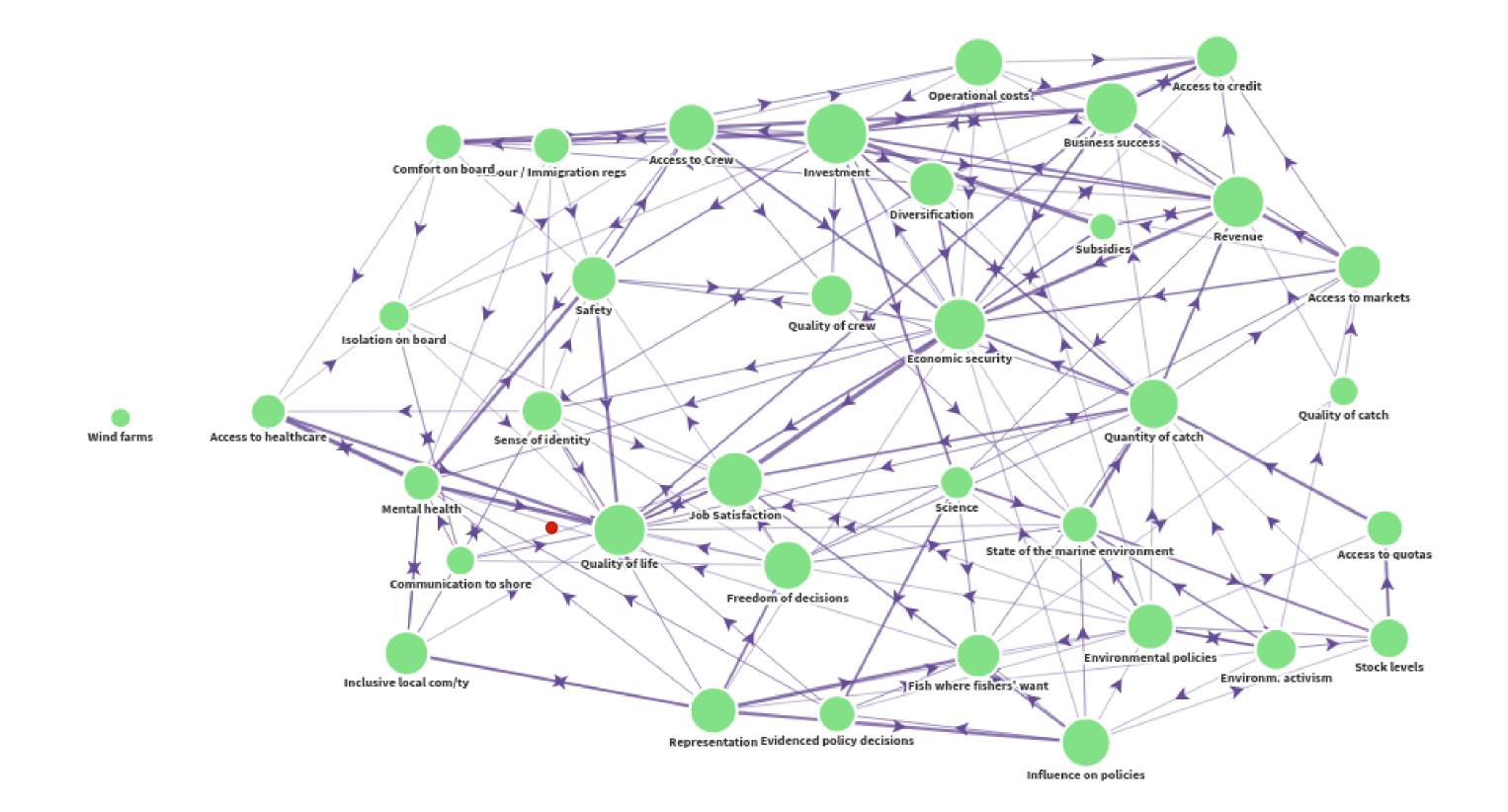
Researchers map



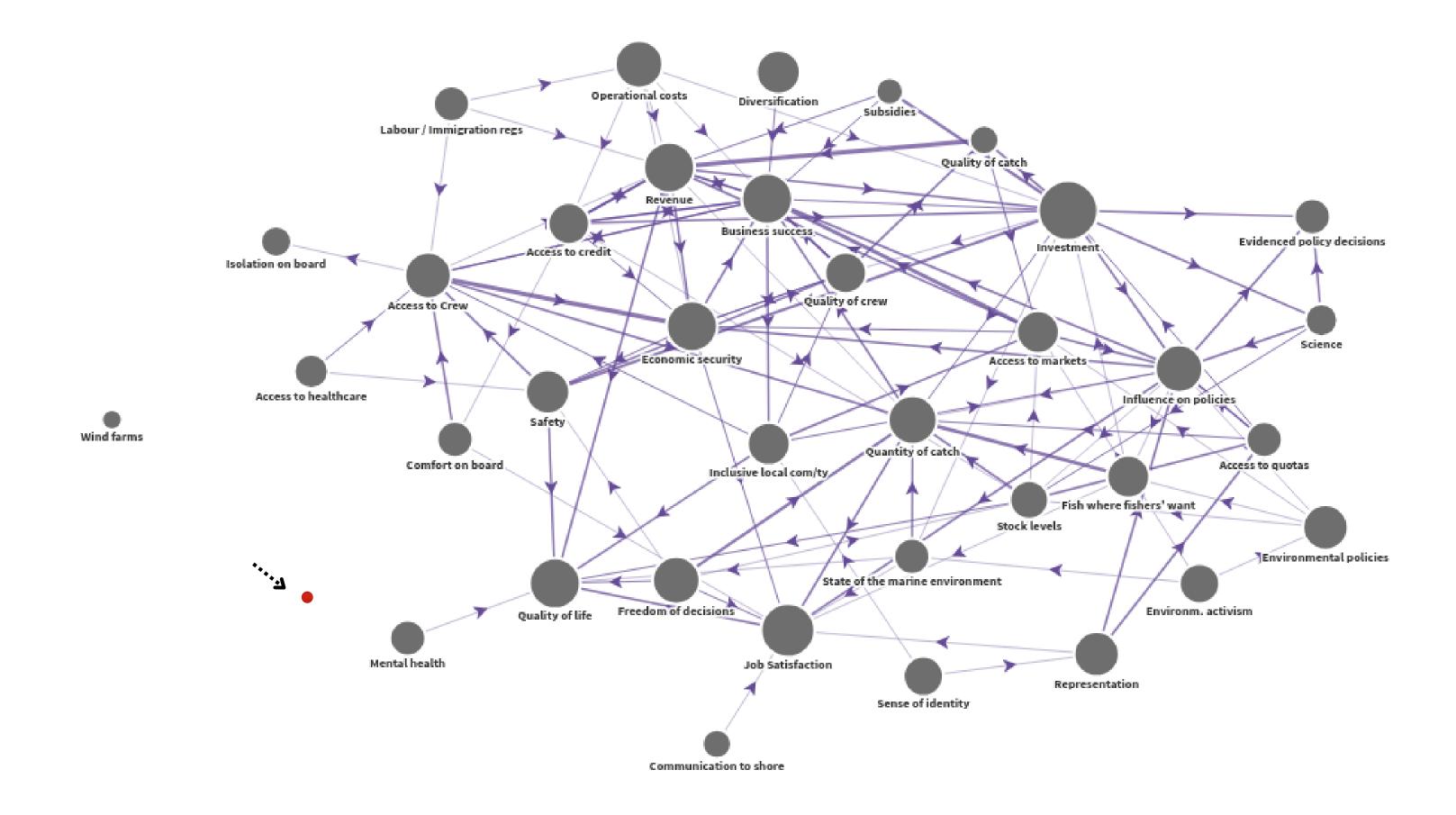
Representatives map



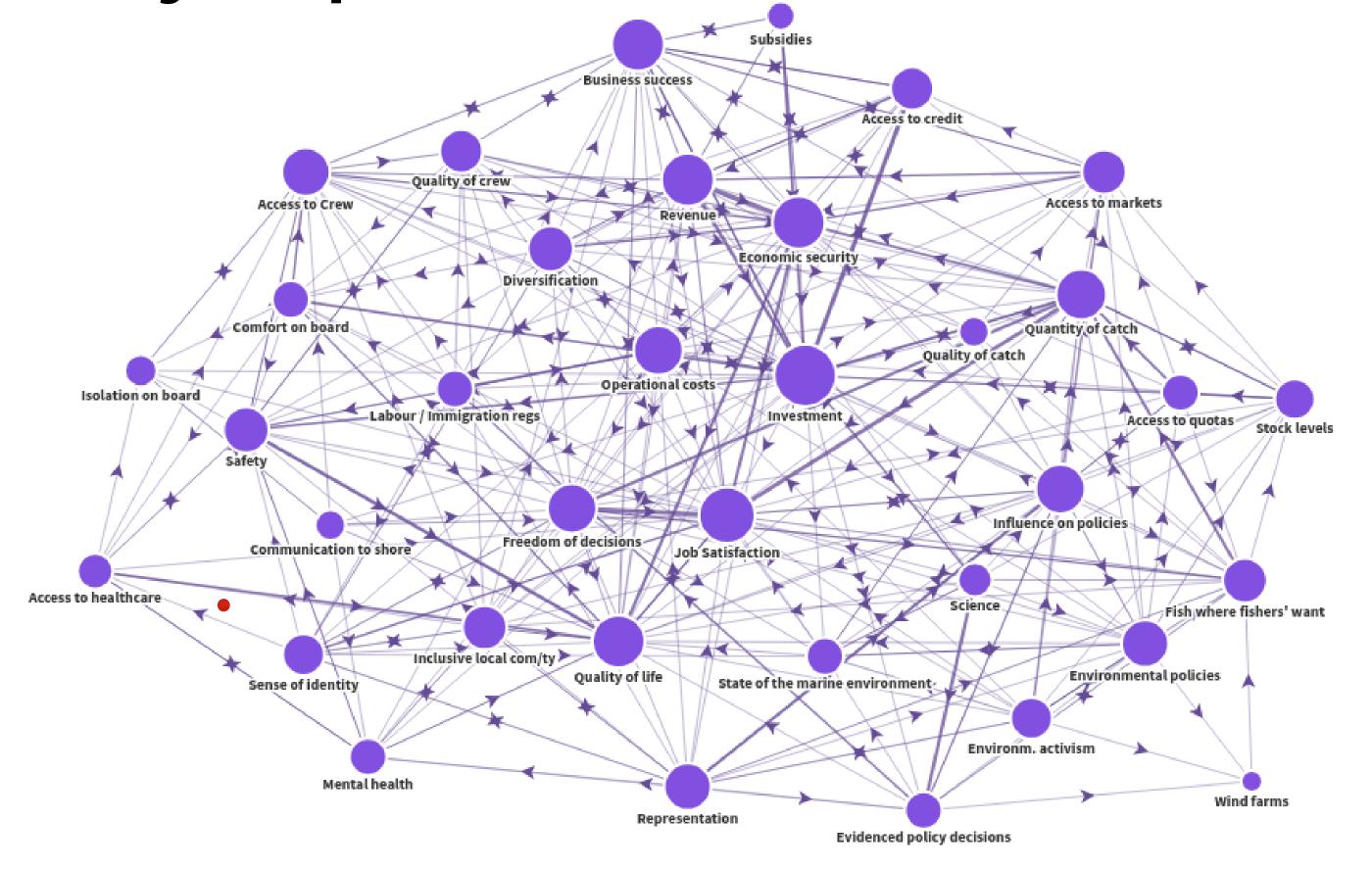
Civil society map



Government map



Community map



Key messages

- We must not only ask fishers what "works" but also those who have an interest in supporting and researching fishers' well-being
- Mental health is a core element affects and is affected by wellbeing indicators like freedom of decisions, sense of identity and profitability
- We must ask everyone and create a holistic system map where then elements can be identified and examined as part of the system according to policy interest.

thank you