



EUROPEAN UNION
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Analysis of Economic and Social Networks in Gulf of Finland and Archipelago Sea area

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Agenda

1. Purpose of the study
2. Data and methodology
3. Preliminary findings

1. Purpose of the analysis



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Identification and description of economic and social networks between the stakeholders from public and private sectors in project Plan4Blue impact area (Gulf of Finland and Archipelago Sea).

We are mainly interested in finding out the following:

- What kind of networks are there and what is the nature of those networks?
- What is the maritime value of those networks?

1. Purpose of the analysis



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The outcomes of the network analysis will be used further in the project as an input for the scenario-building for Sustainable Blue Growth as it helps to define joint MSP options based on the scenarios regarding to location of economic activities and shipping routes.



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2. Data and methodology



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Data in hand:

- Preliminary list of stakeholders of the Plan4Blue project (energy, offshore construction, shipping incl. Marine transportation, blue bio-economy incl marine fishing and aquaculture, tourism and sub-sea resources)

Prospective data:

- Data collected via online survey;
- Data collected via face-to-face analyses.

2. Data and methodology

Methods



- Online survey
 - sent to all potential stakeholders
 - respondents add data about missing stakeholders
- Face-to-face interviews with key players of the networks
 - Preliminary interviews with the interviewees whom we consider key players
 - Final interviews with key players based on the social network analysis
- Social Network Analysis (SNA)

2. Data and methodology

Online Survey:

- Purpose: collecting data about social and economic networks in project area (quantitative data)
- Launched on 20th of May 2017
- Preliminary list of stakeholders was used
- Altogether 395 invitations were sent out (Finland 271; Estonia 124)

Face-to-face interviews:

- Purpose: collecting data about social and economic networks in project area (qualitative data)
- The interviews will be processed with Atlas.ti, a specific software for content analysis, in order to classify the information for the interpretation of data

Social Network Analysis (SNA):

- Data collected via online survey and face-to-face interviews will be analysed and visualized using the Ucinet and Netdraw software



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Online Survey



Online survey consisted 20 questions divided as follows:

- General data (15 questions)
 - Respondents answer the questions about themselves and about their relation with MSP. The purpose is to identify and characterize the players in the networks.
- Specifying networks (3 questions)
 - Respondents list and answer questions about networks which they are connected. Our purpose is to identify the networks and their characteristics in the project area.
- Specifying actors in networks (2 questions)
 - Respondents list and answer questions about actors whom they have most contact with. Our purpose is to determine the size of the networks and the key persons.

3. Preliminary findings

Online Survey



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General data:

- 395 invitations were sent out
- For 24th June 45 correctly fulfilled responses have been received (89% from Estonia, 11% from Finland)

Sectors represented:

- Fishery and aquaculture (12 organizations)
- Tourism (10 organizations)
- Offshore building (6 organizations)
- Marine transportation (6 organizations)
- Blue bio-economy (6 organizations)
- Sub-sea resources (5 organizations)

3. Preliminary findings

Online Survey



Maritime spatial planning (MSP):

- 66,7% are involved in some way with MSP
 - 21% of organizations are involved directly with state-wide MSP
 - 79% of organization are involved in MSP via union or association they are members at
- 34,3% of the organizations in project area have no connections with MSP

3. Preliminary findings



Online Survey – Cross-border cooperation

- 62% of respondents find that there is not enough information for CBC in their field of activity
 - Information is scarce and fragmented. An Integrated maritime spatial plan for Gulf of Finland and Archipelago Sea should be available for both sides – to see the general picture
 - Most of the information is divided between the public offices. There is a lot of work needed to get hold of all needed information
 - Lack of availability of cross-border specific information / data
 - Lack of cross-border communication
- 90% of respondents find that the CBC must be increased (the key in here is cross-border communication)
- CBC must be increased mainly in the fields of
 - blue bio-economy,
 - marine transportation,
 - sub-sea resources and
 - fishery and aquaculture
 - Collection of cross-border specific data that is needed for MSP

3. Preliminary findings

Online Survey – Cross-border cooperation



- CBC could be increased via:
 - Cross-border communication – especially communication of the administrators
 - Research-based networking
 - Developing unified cross-border documents
 - Developing unified professional standards
 - Initiation of informal networks (meetings, changing of experiences and best practices)
 - Ad hoc working group / or institution for managing very specific information which will be financed project-based

3. Preliminary findings

Online Survey - Networks



Networks in general

- All the respondents were belonging at least one networks
- Networks were joined by the respondents mostly based on the previous informal relationships (= colleagues turn into friends)
- Intra-state networks and Inter-state networks
- Networking in general is dominated by the formal participation
- Participants of the networks are meeting at least once in a quarter
- No conflicting networks were found

3. Preliminary findings

Online Survey - Networks



Intra-state networks

- Networking is done via official unions and associations
- No informal intra-state networks concerning MSP in project area were found

Inter-state networks (is dominated by the formal participation in cross-border European projects)

- **BONUS EEIG** (for research and technological development; founders are eight EU member states around the Baltic Sea)
- **The Gulf of Finland Maritime Assembly** (representatives of ports from Estonia, Finland and Russia)
- **VASAB** (spatial planning and development of Baltic Sea region; 11 countries participating)
- **HELCOM** (Baltic Marine Environment Protection Commission – Helsinki Commission; governing body of the Convention on the Protection of the Marine Environment of the Baltic Sea Area)
- **COFASP ERA-NET** (created to directly access actions envisaged within fisheries, aquaculture and seafood; ended in 31st January 2017)
- **SCAR-Fish** (The Standing Committee on Agricultural Research; 37 countries as members)
- **JPI Oceans** (The Joint Programming Initiative Healthy and Productive Seas and Oceans; marine and maritime research; 21 countries participating)
- **Plan4Blue** (Interreg project for MSP in Gulf of Finland and Archipelago Sea area)



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Thank you!