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# Report

from the training on land-sea interactions in spatial planning  
(20–21 October 2021, Online)

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10/12/2021

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## Introduction

In the Land-Sea-Act project, work package (WP) 2 was responsible for Spatial planning solutions for addressing development trade-offs in coastal areas. It comprised from Groups of Activities (GoA) 2.1. Content coordination on spatial planning solutions, followed by four case studies GoAs 2.2.–2.5. from Latvia, Poland, Germany and Estonia, and concluded by GoA 2.6. Transnational training on land-sea interactions in spatial planning. The latter one is reflected upon in this Report.

The Transnational training on land-sea interactions in spatial planning was organised to increase capacity of planners and policy makers of the Baltic Sea Region in handling multiple interests related to Blue Growth initiatives in coastal areas.

The overall concept of the Training was to show existing and emerging planning concepts, their interlinks and intersections to address land-sea interactions. More specifically to focus on methods and tools that are currently evolving in the Baltic Sea Region and Europe and need to be understood by relevant stakeholders in the context of coastal areas.

Development of the Training programme was lead and hosted by the Tallinn University<sup>1</sup>. Partners from WP 2 and 3 who had carried out their demonstration cases contributed with lectures and/or practical exercises.

The invitations were distributed by the project partners to the relevant target group representatives and Maritime Spatial Planning (MSP) networks, thus guaranteeing proper attendances in the event.

The targeted number of participants 25–30 was exceeded reaching to 37 partakers outside of the project personnel.

The Report contains the Training agenda, link to materials and synthesis of the discussions among the project partners and stakeholders.

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<sup>1</sup> Organisers thank Sirli Taniloo and Sirli Peda from Tallinn University and Videal Productions for technical support



## Agenda

### **Transnational training on land-sea interactions in spatial planning**

20–21 October 2021

Online

Land-Sea-Act project and Tallinn University organise transnational training on land-sea interactions in spatial planning and are cordially inviting to participate spatial planners, regional and local representatives of governance from coastal areas with interest in themes of Blue Growth, coastal and marine environment and tourism, offshore wind parks and cultural heritage.

We would like to share findings from our recent experience with the case studies of the Land-Sea-Act project and we encourage you to attend and learn new ideas about mapping of cultural values and ecosystem services, climate change adaptation in coastal areas and scenario building technique.

Upon active participation a certificate of completion of training will be issued.

Registered participants will receive a link prior to the event.

Contact person for more information:

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### Wednesday, 20 October

Time CEST	Time EEST	Topic for the day: <b>Setting the scene of Blue Growth and Blue Economy</b>
<b>12:45</b>	13:45	Connecting to the platform
<b>13:00</b>	14:00	<b>Anu Printsman</b> (Tallinn University) <i>Welcome</i>
<b>13:05</b>	14:05	<b>Ingūna Draudiņa</b> (Spatial Planning and Land Governance Department, Ministry of Environmental Protection and Regional Development of the Republic of Latvia) <i>Opening address</i>
<b>13:15</b>	14:15	<b>Andreas Lagemann</b> (Hamburg Institute of International Economics) <i>Lecture and discussion on Blue Economy: concepts, strategies and economic situation at the national and local level</i>
<b>14:00</b>	15:00	<b>Ida Lindbergh</b> (The Gothenburg Region) <i>Lecture and discussion on Mapping maritime businesses for increased integration of business perspective in planning</i>
<b>14:45</b>	15:45	Break
<b>15:00</b>	16:00	<b>Andreas Lagemann</b> (Hamburg Institute of International Economics) <i>Interactive workshop on Blue Economy actions</i>
<b>16:00</b>	17:00	End of the day

## Thursday, 21 October

Time CEST	Time EEST	Topic for the day: Methods in planning and multi-level governance	
8:50	9:50	Connecting to the platform	
9:00	10:00	<b>Hannes Palang</b> (Tallinn University) <i>Welcome</i>	
9:05	10:05	<b>Kristina Veidemane</b> (Baltic Environmental Forum Latvia) <i>Introduction to the Land-Sea-Act project and case studies of WP 2 Spatial planning solutions for addressing development trade-offs in coastal areas</i>	
		<b>Parallel sessions on interactive planning methods:</b>	
9:15	10:15	<b>Institute of Oceanology Polish Academy of Sciences</b> <i>Mapping intangible cultural values</i>	<b>Baltic Environmental Forum Germany</b> <i>Climate change data and adaptation</i>
10:30	11:30	Break	
10:45	11:45	<b>Tallinn University</b> <i>Scenario study</i>	<b>Baltic Environmental Forum Latvia</b> <i>Ecosystem services</i>
12:00	13:00	Break	
13:00	14:00	<i>Summary of interactive workshops</i>	
13:30	14:30	<b>Anita Līvija Rozenvalde</b> (Ministry of Environmental Protection and Regional Development of the Republic of Latvia) <i>Lecture and discussion on Multi-level governance agenda</i>	
14:30	15:30	Closing of the transnational training	
15:00	16:00	End of the day	

## Event

The event was planned to take place on two days in Tallinn but due to COVID-19 this was postponed several times until it took place online, 20–21 October 2021. This set limits both to content and time wise, not to mention using digital technologies instead of envisaged face-to-face interactions.

The targeted number of participants 25–30 was exceeded reaching to 37 partakers outside of the project personnel (figure 1 and table 1). Zoom log files can be used to track participants but as it was known that materials will be distributed later then several opted for later streaming due to other engagements.

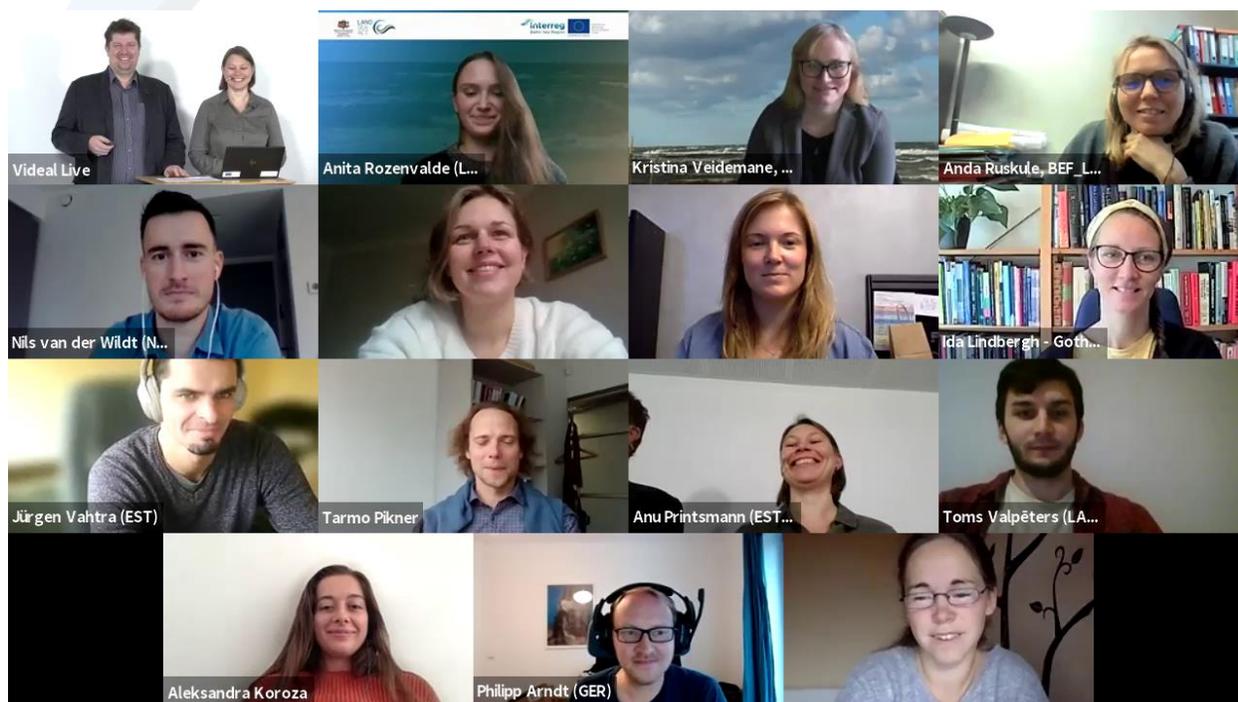


Figure 1. Group photo of the participants whose cameras were switched on.

Table 1. The Training participants outside of the project based on registration information gathered via Google forms.

<b>Country</b>	<b>Participants outside project</b>	<b>Organisations</b>
Estonia	10	8
Estonia / The Netherlands	1	1
Germany	1	1
Ireland	1	1
Latvia	19	14
Poland	1	1
Portugal	1	1
Romania	1	1
Sweden	1	1
United Kingdom	1	1
<b>TOTAL</b>	<b>37</b>	<b>30</b>

The agenda was set up so as to first introduce the concepts of Blue Growth and Blue Economy through lectures and case studies from WP 3 Embedded entrepreneurship for vital coastal areas and Blue Growth. As case studies have shown the concepts are not too familiar to planners nor what do that entail. As this is an emerging field not so much data and statistics is available on all levels (local, regional, national and European Union (EU)). Second day focused on WP 2 case studies, their used concepts, methods and tools. The Training ended with discussing Multi-level governance agenda (MLGA).

During the training, the participants were also asked to provide input to strategic recommendations (Action Plan "Entrepreneurship and Blue Growth") and conclusions of the project (MLGA).



Participants were informed about the upcoming events of Land-Sea-Act project: Multi-level governance workshop (5 November 2021) and Sustainable Blue Economy workshop (9 November 2021).

After the event the participants could leave their feedback (anonymous if they desired so) in Google forms. Generalisations are available in the latter section of this Report named Feedback.

People who wish to be informed on the upcoming final documentation of the Land-Sea-Act project outputs could leave their e-mail in feedback form or write to the organisers directly.

All the materials were distributed to the partakers, as well as certificates of participation (26 pdf-s and 5 on paper) to those who had indicated this need upon registration.

## Presentations

All the Training materials:

- Presentations in pdf-format
- Presentation videos
- Inputs for strategic documents
- Feedback produced during the Training and
- Additional materials

are available at:

[https://drive.google.com/drive/folders/1D\\_fYWpYAgxZV0JhOiLDXu0s4mLKZvPtt?usp=sharing](https://drive.google.com/drive/folders/1D_fYWpYAgxZV0JhOiLDXu0s4mLKZvPtt?usp=sharing).

## Synthesis of the discussions

**Andreas Lagemann:** *Blue Economy: concepts, strategies and economic situation at the national and local level*

Gathering data on required levels (local, regional, national and EU-wide) is difficult and not always coherent and in aggregated form causing questions (e.g. 7% of Estonian workforce is in Blue Economy, which seems too much). Majority of the discussions were spent on understanding the meanings of the concepts (e.g. maritime transport vs. port activities, marine living resources instead of coastal fisheries) or methodologies of data and statistics collection (e.g. Riga and Tallinn constitute as coastal tourism areas therefore the numbers of visitors are so high). There is no data on aging fishermen, COVID-19 or European Green Deal impacts yet or future predictions as Blue Economy is emerging field still.

**Ida Lindbergh:** *Mapping maritime businesses for increased integration of business perspective in planning*

The discussion on how to combine available statistics (e.g. Nomenclature of Economic Activities (NACE) codes) from different levels and regional mapping of businesses. It differs between countries, involves sometimes quite a lot of manual labour but participatory-GIS can provide interesting results.

**Andreas Lagemann:** *Interactive workshop on Blue Economy actions*

Contributing to word clouds of different pillars of Blue Economy Actions (see the presentation in the shared folder of the Training materials) stirred some responses, e.g. there are no apps or tools for Blue biotechnology in Latvia or even Germany and Sweden struggle with constructing new offshore wind parks due to NIMBY attitudes. This followed

by discussion for how long future guiding documents should plan. For the outcome of characterisation of actions see the shared folder of the Training materials.

**Institute of Oceanology Polish Academy of Sciences:** *Mapping intangible cultural values*

The training consisted mainly of participants sharing their experiences in mapping intangible cultural values up to the Caribbean Sea. The notions of emotion and attachment was discussed; insidership is required to tease it out from “newly” (after WWII) placed inhabitants of Vistula Lagoon or suspicious fishermen. What if something is beautiful and there is nobody to witness it? People do not object offshore wind parks before they see them rising in their proverbial back yard. Culture in this sense is power as it can be used to hinder unwanted developments. How to incorporate this to planning – data collection through interviews, workshops, public meeting and participatory-GIS are time consuming. Estonian MSP did make use of cultural values but still needs to incorporate the results better. Can big data be used in culture?

**Baltic Environmental Forum Germany:** *Climate change data and adaptation*

This workshop was very hands on as people could go to SentinelHub EO browser, KNMI climate change atlas and IPCC interactive atlas and download data on their region while what has been done with this data on Fehmarn Island, Germany was explained. Questions concerned the openness of data (some need registering for downloading while exploring is free), its feasibility (cloudiness, dates, seasons, regions), age (in some regions up to 1970s), whence some indicators came (20 °C for Fehmarn target) and the relevance of percentage of built-up areas on the island and issues of water supply and demand. And whether these results have been presented to local politicians. They have taken notice of this and think about campaign on sustainability whereas expanding pipes or restricting access are easier solutions.

### **Tallinn University: *Scenario study***

The participants got the impression of the questionnaire this time via Mentimeter (see the presentation in the shared folder of the Training materials) and valued scenarios relatively similarly to local inhabitants and enterprises. Later on scenario building was explained but due to time shortages many questions arose, e.g. how the axes of Environmental restraints and Economic pressure were formed – from fieldwork, what topics were included, COVID-19 was not included in the scenarios, the possible futures of Rail Baltic and possible nuclear plants were not factored in whereas the limitations of Estonian MSP of not having offshore wind park in the Gulf of Finland were.

### **Baltic Environmental Forum Latvia: *Ecosystem services***

The participants were introduced with the concept and application of Ecosystem Services and the Latvian case study output of MapExplorer. Then the partakers had the opportunity to try this tool and answer Google form questions (figure 2). After the independent work the answers were discussed and showed how to reach to the correct conclusions. Then the propositions of how to make this tool more user-friendly were listened as the tool was not yet finalised (too large buttons, pop-ups cover map, links to explanatory materials like tutorials (how to switch on-off the map layers) but also on the content of Ecosystem Services, additional info and methodologies, indicators and index calculations were still missing). It's relevance to local experts might not be too crucial as they should know the situation anyway but it constitutes as a good tool in interactions with locals was the common understanding. The workshop was wrapped up with feedback session in Mentimeter, which results are available in the shared folder of the Training materials.

According to the Map Explorer, which part of Land-Sea-Act case study provides the highest amount of regulating ecosystem service - Control of erosion rates? (Hint - look for the answer in Map Explorer section "Terrestrial assessment", in the interactive map)

10 atbildes

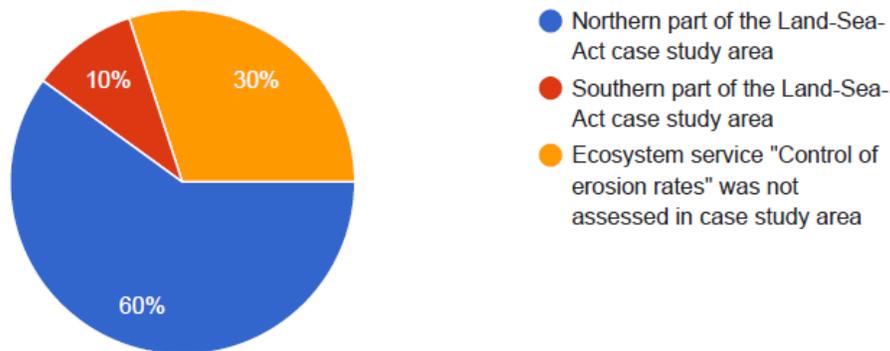


Figure 2. The answers to the third question out of four in Google forms on different topics using MapExplorer.

**Anita Livija Rozenvalde:** *Lecture and discussion on Multi-level governance agenda*

After the MLGA was introduced, the Mentimeter was used to instigate the discussion. See the topics raised in the shared folder of the Training materials. The overall need of MLGA was recognised but its application in real life complexities was doubted. MLGA provides guidelines but their usage depends on the willingness of planners.

## Feedback

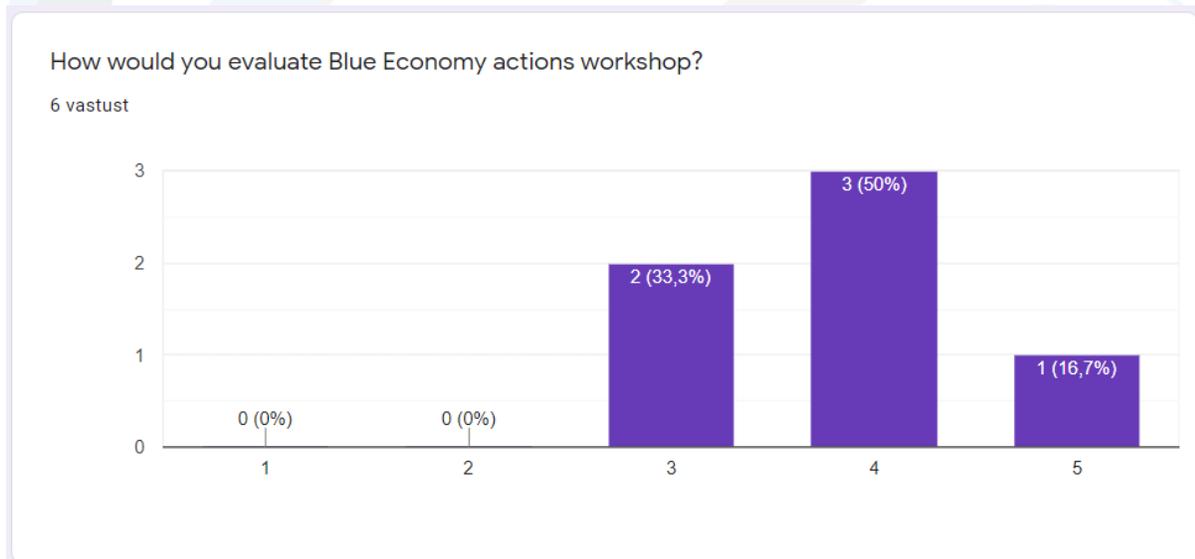
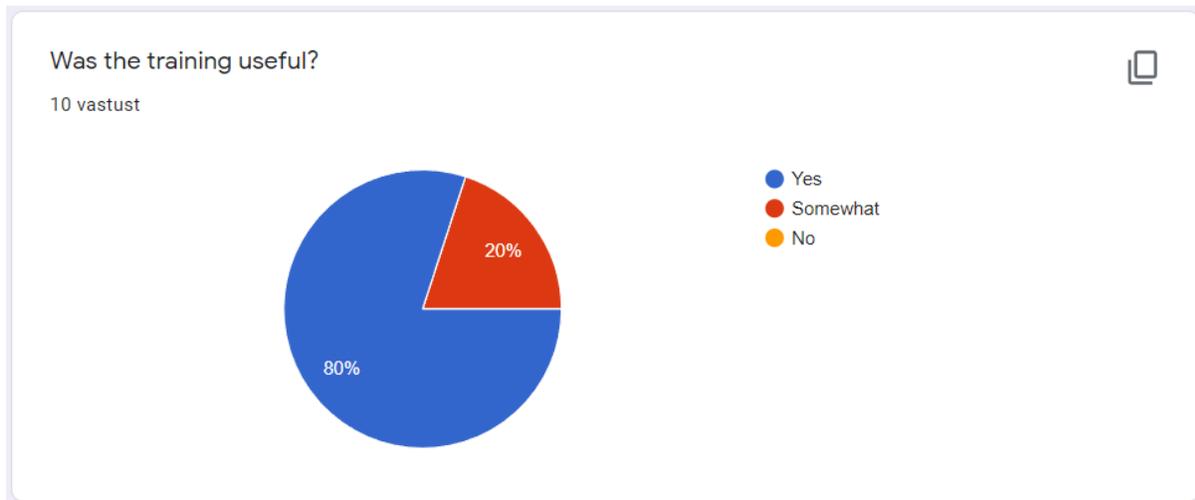
During the final presentation a Mentimeter word cloud was used to ask what stuck to participants' mind after the Training (figure 3), also available in the shared folder of the Training materials.



Figure 3. MapExplorer and scenario building were fresh in the memory of participants.

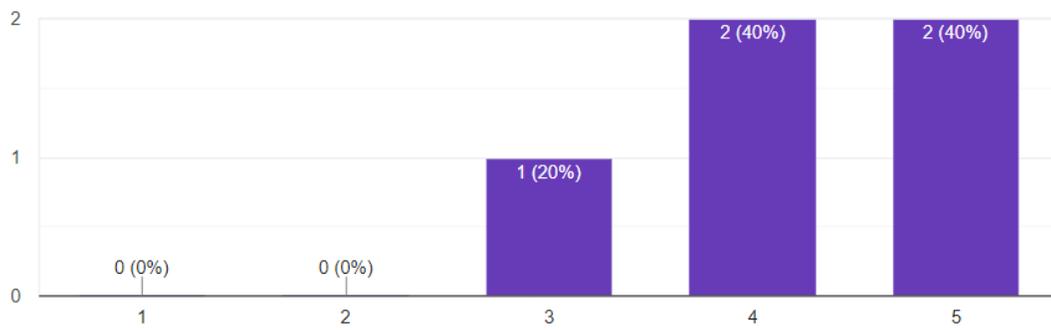
In the closing session and afterwards in the e-mails a link to the feedback questionnaire was distributed. The overall impression of the participants to the event was positive while everybody yearned for face-to-face meeting.

## Feedback results from the Google forms questionnaire



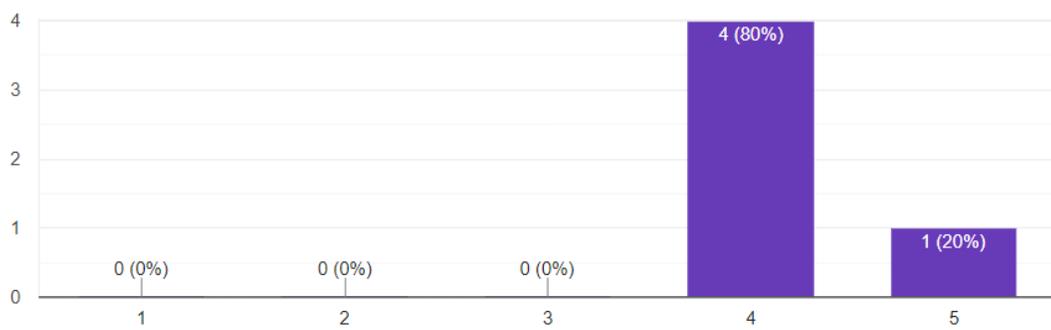
How would you evaluate Mapping intangible cultural values workshop?

5 vastust



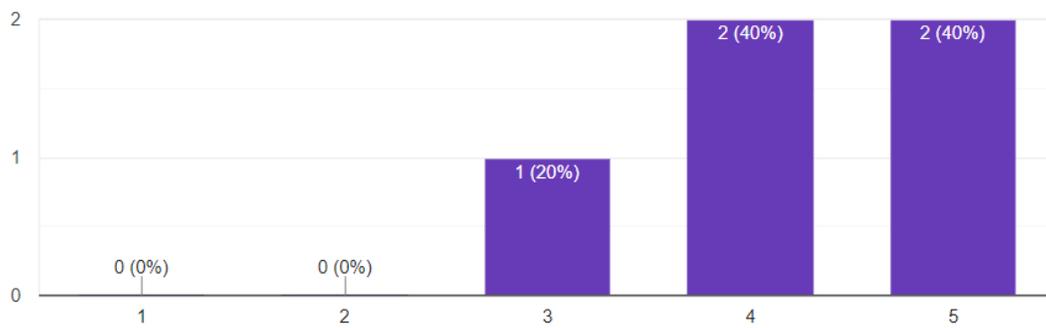
How would you evaluate Climate change data and adaptation workshop?

5 vastust



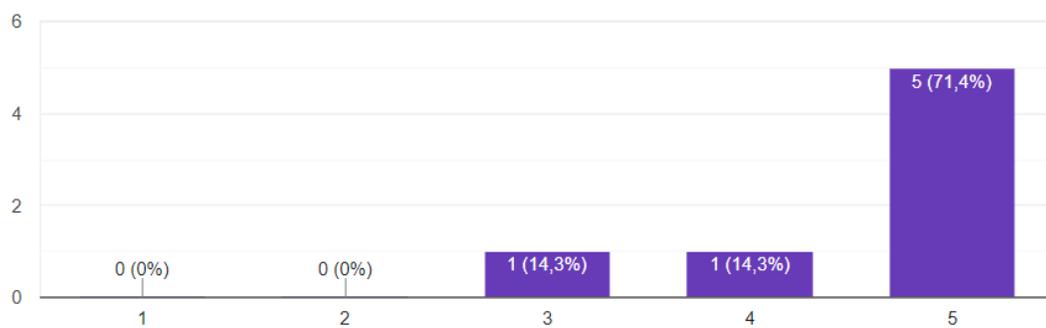
### How would you evaluate Scenario study workshop?

5 vastust



### How would you evaluate Ecosystem services workshop?

7 vastust



### What was good and what could be improved, either in workshops or training in general?

- It was nice to have a view in the range of projects going on as a rookie ;), and I liked the various topics of the workshops. I would have liked to attend all though, but that is just the available time ;)
- Would be good to have on-site training
- The content and structure of the workshops were good.
- Shorter presentations, more time for discussions
- Even more cases about various data use in solving these issues, examples, user stories
- The training and workshops were well organised and interesting. One drawback was that the information was not too targeted on how planners could use the knowledge and tools, but people who wanted could have good takeaways and source for further reading and knowledge building.
- More examples of quantitative methods.
- Data of climate change did not meet my expectations (one way focused)

### What kind of training you would require?

- Modelling tools
- In my opinion is good to have both theories and practical parts (on the basis of different examples).
- On using digital technologies ;)

- Would like practical activities, learn new software or other tool
- More training on practical application of approaches, methods and tools/data sets in daily work would be very good, but such training events are rare.
- Training on the use of GIS/spatial tools.

If you like to receive the finished documents of the Land-Sea-Act project (Action Plan for Blue Economy, Multi-level Governance Agenda, Compendium of Methods) please leave your e-mail or alternatively write an e-mail to [anu.printsmann@tlu.ee](mailto:anu.printsmann@tlu.ee).

- Three e-mail addresses, no asking for extra in e-mails, couple of thank you-s in e-mails.

# Appendix

## An example of the issued certificate of participation

### Certificate

This is to certify, that

*Name Surname*

has successfully participated in the training entitled

### Transnational training on land-sea interactions in spatial planning

organised by Tallinn University and Land-Sea-Act project held online October 20–21, 2021

The training program included lectures, group work and discussions on various topics:

- ≈ Lecture and discussion on Blue Economy: concepts, strategies and economic situation at the national and local level
- ≈ Lecture and discussion on Mapping maritime businesses for increased integration of business perspective in planning
- ≈ Lecture and discussion on Multi-level governance agenda
- ≈ Interactive workshops on Blue Economy actions
- ≈ Workshops on interactive planning methods:
  - ≈ Mapping intangible cultural values
  - ≈ Climate change data and adaptation
  - ≈ Scenario study
  - ≈ Ecosystem services

On behalf of training organisers

**Uku Lember**  
Acting Director  
School of Humanities  
Tallinn University

*Signature*

Our project homepage: [www.land-sea.eu](http://www.land-sea.eu)  
Look up and follow us on social media  
#LandSeaAct  
Project #R098 Land-Sea-Act Land-sea interactions advancing Blue Growth in Baltic Sea coastal areas

