

# Final session

16 - 17 Nov 2023

Poll results

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- When you go home today, and your colleagues home or better you loved ones at home ask you: how was is at the Arena? What would you say?
- And then slightly in more detail: What did you like most about the Arena?
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- How much – in your own assessment – are you involved in implementing actions necessary to achieve Mission Objectives ? Rate on a scale:
- In which age group are you?
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- To bring multi-use solutions with offshore energy into reality (action points)
- To ensure more effective measures for marine protection (action points)
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- To increase the buy-in of citizens (action points)

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- To improve Mission Ocean governance and funding efforts
- What would you like to be brought up in Arena 2 in Estonia? What would you like to see happening? What suggestions do you have on what we may do differently in the Arena 2?



## And then slightly in more detail: What did you like most about the Arena?

068

(1/4)

- Networking
- Room for Startups
- People
- Meeting in person other people besides my job
- Interesting examples of community development, e.g. Sotenäs.
- The interactivity
- Easy access to experts
- Interaction in the sessions
- The input of students in how we can do better
- Conversations
- Nice and open people
- Variation of workshops
- Networking
- Great input from the participants at my session
- Matchmaking
- Choice of sessions, variety, great facilitation in workshops
- Networking
- Meeting new people, learning about citizen engagement
- Friendly people, interesting topics and nice interactive workshops
- Commitment and vision for the future

## And then slightly in more detail: What did you like most about the Arena?

068

(2/4)

- Meeting people
- The different branches, new insights and different point of views.
- meeting all people in person. This enabled lively discussions
- AQUATOR business accelerator
- UNITED Final event
- New learnings and insights.  
Networking
- Networking
- Networking
- The discussions during workshops and breaks.
- Networking
- Communication challenges Blue Education - Blue schools Citizen engagement
- Interaction with all the different types of organizations and people
- Networking in person, establishing relationships with diverse partners are critical to development work
- The SARGASSO Innovation Day session - super inspiring presentations!
- Meeting new, interesting and relevant people.

## And then slightly in more detail: What did you like most about the Arena?

068

(3/4)

- Interactive booths - Taste the sea
- Ports as Energy Hubs - definitely the best session
- Meeting People
- Initiating action with new stakeholders
- New ideas
- Taste the sea session
- the close connection to schools and education, as well as citizen engagement
- The graphic summary
- Networking
- Different types of communities
- Networking and broaden the horizon
- Taste the sea
- UNITED SESSIONS!!!
- Meeting new people with great ideas
- UNITED final event
- The different perspectives
- It gave new power to a well known issue
- Meeting interesting people not only from BANOS region bur beyond. The weather want that cold though 😊

## And then slightly in more detail: What did you like most about the Arena?

(4/4)

068

- Taste the sea
- Networking
- Networking
- Networking
- Meeting up and inspiring talks with old and new colleagues.
- Taste the sea
- United final event
- Meeting people
- The IPA beer
- Bright minds coming together and sharing ideas, visions and plans
- The People
- Expanding my network
- Meetings
- the Taste the Sea session
- Discussions



## Getting to know you

1 0 4

Female



Male

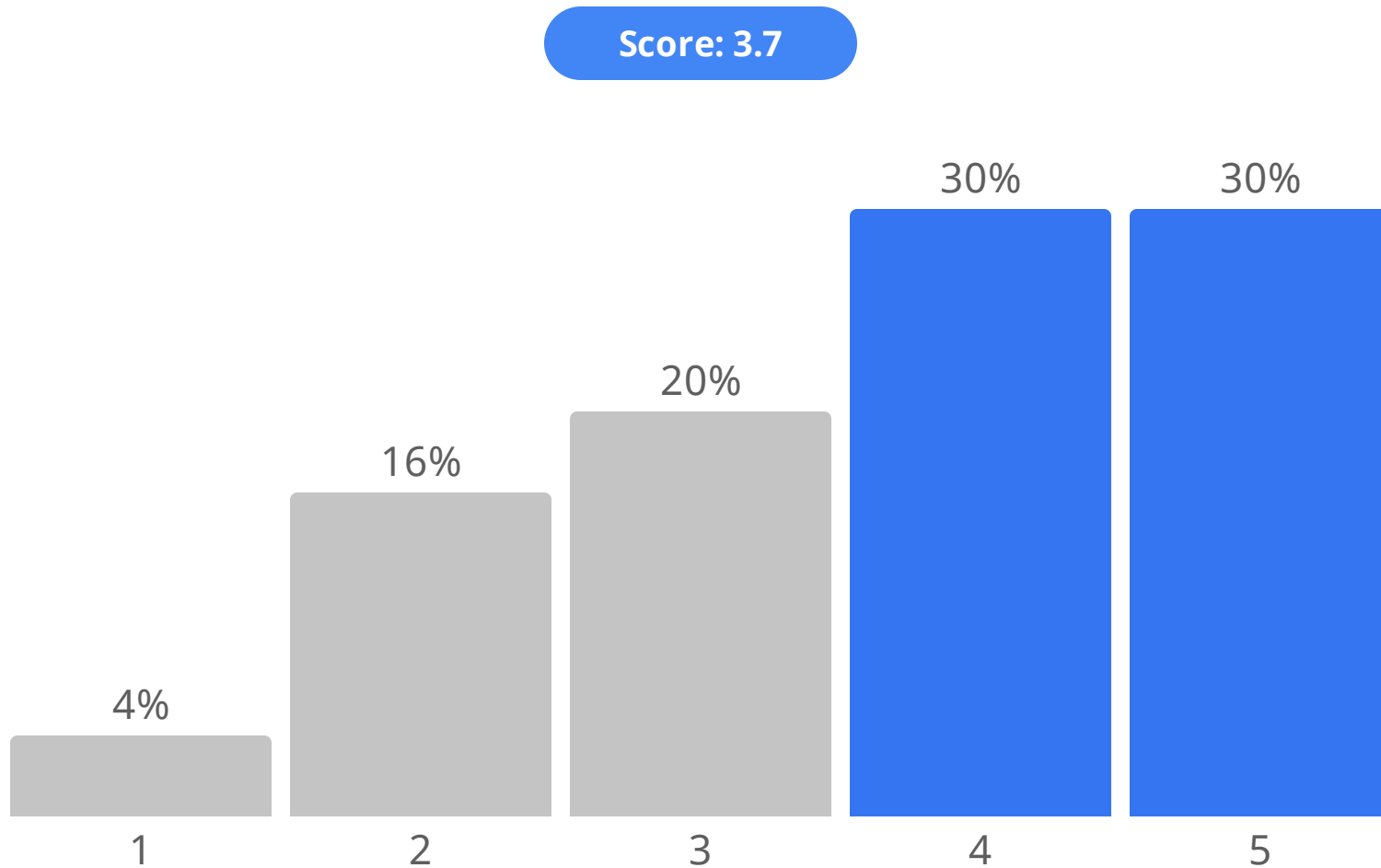


Non binary



**How much – in your own assessment – are you involved in implementing actions necessary to achieve Mission Objectives ? Rate on a scale:**

1 2 8



## In which age group are you?

1 2 6

15-25



26-35



36-45



46-55



56-65




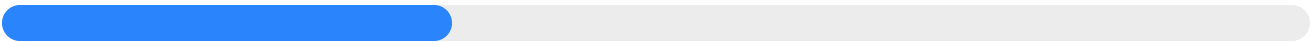

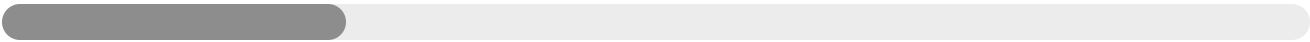
66+



## To increase sustainable blue biomass production (action points)

100

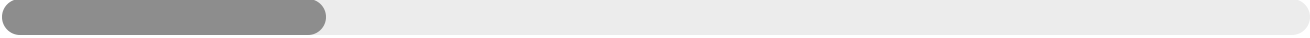
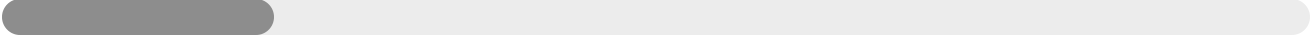
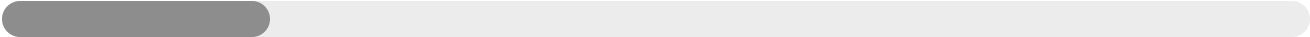

(1/2)

1. Framework (local, national or regional) for quantification and monetisation of Ecosystem Services  
 1.27
2. Framework for long-term financial incentives akin to Common Agricultural Policy  
 0.97
3. Parks for industrial symbiosis (multi-use) setups on land and at sea  
 0.86
4. Decoupled licensing & monitoring for zero-input / low-trophic from finfish aquaculture  
 0.72

## To increase sustainable blue biomass production (action points)

100





(2/2)

5. Sites included in spatial plans (both on land and sea) as to promote their strategic placement  
 0.67
6. Demonstrate cooperatives of farms, pool resources and combine biomass to increase volumes to allow joint contracting to large industry  
 0.55
7. Allow low-trophic cultivation as ocean regeneration in (or alongside) MPAs  
 0.54
8. EU-standardised RAS regulatory framework and system approach (i.e. meetings for inter-departmental and cross-regional alignment)  
 0.42

## To bring multi-use solutions with offshore energy into reality (action points)

092

(1/2)

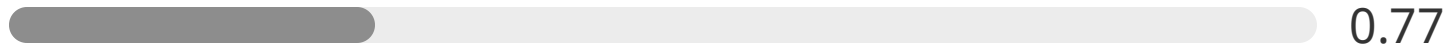
1. Clarify the multi-use permitting processes and provide suitable regulatory incentives e.g. multi-use as a non-financial tendering criteria, or as a permit condition  
 1.59
2. Integrate offshore multi-use in maritime spatial plans  
 1.36
3. Identify where and what type of multi-use combinations should take place taking into consideration the socio-economic and environmental benefits  
 1.21
4. Set up 'multi-use parks' with clear government support in terms of the permits & insurance but also necessary infrastructure - providing anchors & docking facilities, using buoys to mark the boundaries of multi-use areas in order to reduce costs & risks  
 1.08

## To bring multi-use solutions with offshore energy into reality (action points)

(2/2)

0 9 2





5. Mainstream the ocean multi-use concept into relevant sectoral policies (e.g. offshore wind development strategies)



## To ensure more effective measures for marine protection (action points)

075

(1/2)




1. Providing sufficient funding for local implementation and management of MPAs  
 1.39
2. Start with 'something' – even small – tomorrow, rather than further wait for comprehensive solutions  
 1.23
3. Empower / devolve the establishment, management, monitoring of MPAs to local communities (making use of any kind for good practices elsewhere)  
 0.84
4. Mainstream biodiversity protection into national / regional MSPs and other sectoral policies  
 0.83



## To ensure more effective measures for marine protection (action points)

(2/2)

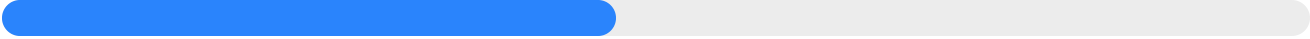


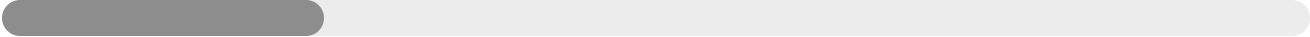
075

5. Upscale monitoring technologies to improve effectiveness of strictly protected areas  
 0.76
6. Use the transnational HELCOM framework to establish better connected and functional transnational/regional MPA networks, with proper Management Plans  
 0.63
7. Synthesise the variety of individual tools to help decision making on MPAs and advise on how to use them  
 0.33

## To get more locally produced sustainable blue products on the market (action points)

075

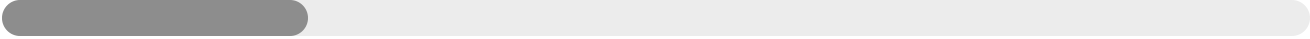

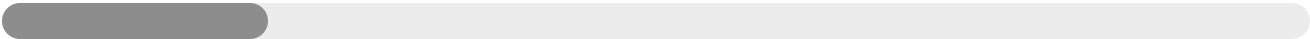

(1/2)

1. Develop new products from alternative local blue biomass: e.g. by-catch; new species like seagrass, AND processing side-streams  
 1.36
2. To replace feed imports from overseas, incentivize blue/green transition in production and use of feed components with local resources  
 1.01
3. Promote standardization of new products and processes to scale up products, incl. circular products, to promote transparency and consumer trust  
 0.80
4. Develop streamlined and robust impact assessment tools, to enhance circularity of blue/green product systems, including environmental externalities such as ecosystem service valuations, biodiversity effects  
 0.67

## To get more locally produced sustainable blue products on the market (action points)

075

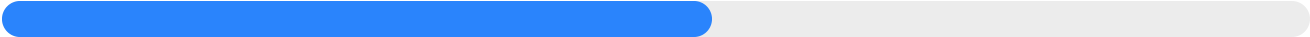

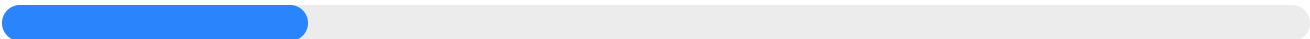
(2/2)

5. Support accelerating product developments of new medium and high-added value blue products e.g. bioprospecting programmes for bio-actives from algae  
 0.63
6. Create incentives to produce more circular products, even though not perfect, e.g. circular plastics paradigm  
 0.61
7. To derisk supply chain, increase visibility of biomass suppliers to product developers and manufacturers  
 0.53
8. Promote culture of omnivorous fish species (e.g. tilapia, catfish, barramundi) over carnivorous to reduce the demand for fish meal and fish oil  
 0.39

## Effective support to local / regional sustainable blue businesses (action points)

075

(1/3)


1. Improve the policy framework for aquaculture farmers to be on-level with traditional food and biotech sectors and fast-track approval processes  
 1.59
2. Support collaboration and co-creation between academia, startups & private sector incl. support for the systems, actors & platforms that facilitate this  
 1.24
3. Establish outreach advisory services that provide support directly to municipalities / local communities wanting to explore opportunities for developing local & circular blue biobased value chains & also information about funding  
 0.63

## Effective support to local / regional sustainable blue businesses (action points)

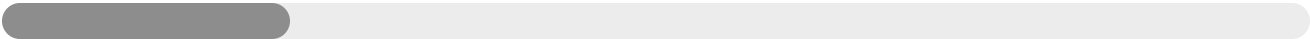
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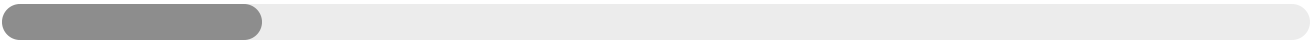
4. De-risk and incentivize investments through new public funding instruments and/or public-private partnerships to support all stages of development from research to implementation



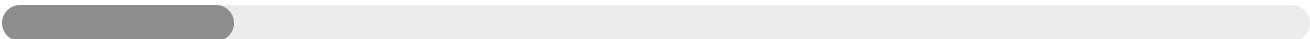
0.61
5. Increase the number of test and demonstration sites, both on land and in the sea, and provide more open and affordable access to them



0.59
6. Address incentives / disincentives between agriculture and aquaculture regarding nutrient loading and mitigate risks in innovative approaches



0.52
7. Foster and support community engagement, build skills and support local new business models that can link to valorization of ecosystem services



0.45

**Effective support to local / regional sustainable blue businesses (action points)**

075

(3/3)

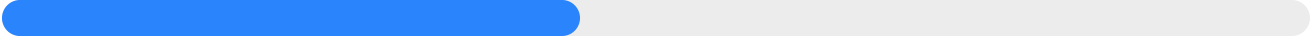

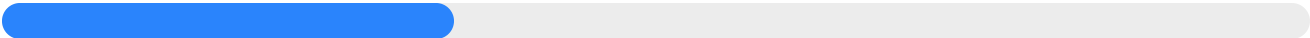
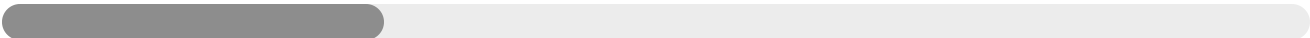
- 8. Increase the visibility of value generation through blue value chains and support the adoption of innovative approaches for diversifying revenues for existing and new businesses



## To increase the availability of people with the skills needed

073


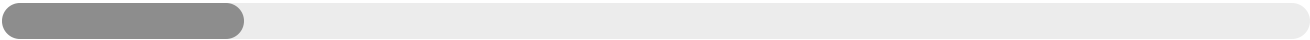
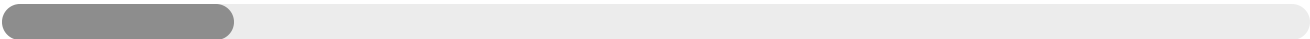
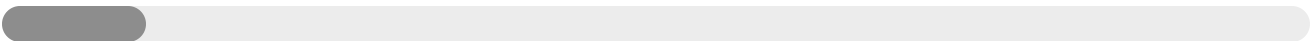
(1/2)

1. Create dedicated vocational and lifelong learning training programs to up- and reskill workers to exploit the opportunities in the blue sector  
 1.27
2. Build direct collaboration between academia and industry via internships and project-based classes  
 1.22
3. Integrate Pupils into current research projects, to spark interest and pave way into careers in the blue bioeconomy sector  
 0.97
4. Joint effort by research, university, and innovation clusters as agents of innovation to encouraged collaborate with the private sector  
 0.81

## To increase the availability of people with the skills needed

073

(2/2)


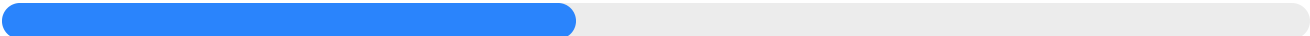
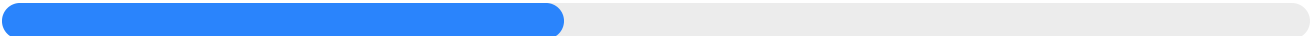
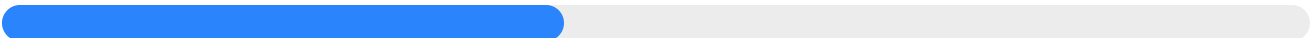
5. Develop and constantly reevaluate teaching materials which are up to date, suitable for classrooms and easily adaptable by teaching staff  
 0.55
6. Update KPIs of universities to include more innovation, tech transfer, and entrepreneurship support factors  
 0.48
7. Invest in innovation supporting clusters which pool resources (as skills) to make them accessible to new blue start-ups  
 0.45
8. Abolish gender gaps including increase of opportunities for women to be at management roles  
 0.25



## To increase the buy-in of citizens (action points)

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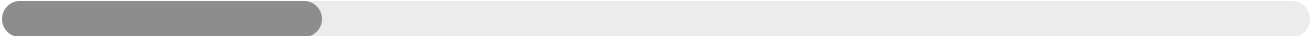
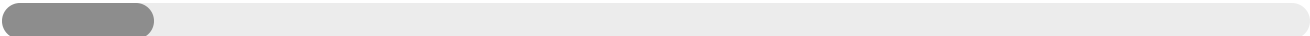
(1/2)

1. Involve students actively in professional and innovative projects related to blue economy to inspire them and give the opportunity to develop the necessary skills and gain the interdisciplinary knowledge  
 1.34
2. Make the bridge between citizens and professionals by adjusting our language to understand the two-directional message  
 1.27
3. Create and strengthen the interaction and dialogue between citizens, students, researchers, industry and policymakers locally to make it more relevant for citizens  
 1.24
3. Explore, in collaboration with students and teachers, the opportunity of integrating ocean-related topics into the school curriculum in order to build knowledge capacity at different educational levels  
 1.24

## To increase the buy-in of citizens (action points)

068

(2/2)

5. Use back-to-school programs, where you take experts from different fields and backgrounds to teach at schools and give professionals the chance to learn how to engage and understand children and students  
 0.66
6. Besides creating interaction with citizens and creating a platform, we also need to provide the tools to understand the conversation and adjust your behaviour or understanding of the topic  
 0.27

## To improve Mission Ocean governance and funding efforts

066



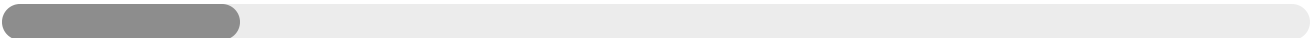
(1/3)

1. Unlock funding across the entire value chain, focusing on systematic funding for implementing “good solutions” and increasing the continuity of existing projects and initiatives rather than only focusing on new ones  
 1.47
2. Create solutions that are region-specific: support actors from politics, science, industry, and society in forming living labs to test new approaches. Flexible, adaptive governance structures are key to supporting this endeavour  
 1.03
3. Create new governance structures at vertical (inter-ministerial and intergovernmental) AND horizontal (transdisciplinary and trans-sectoral) levels to engage local, regional and national authorities (e.g., establish Mission Hubs and Mission Ocean Managers)  
 0.96

## To improve Mission Ocean governance and funding efforts

066

(2/3)

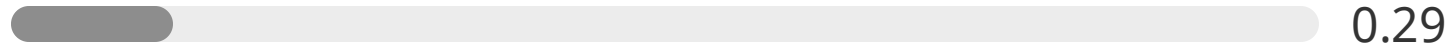
4. Pilot a round table of funders (public and private) to discuss approaches to fund concrete Mission Ocean relevant actions, i.e., marine litter, aquaculture, ocean regeneration, and sustainable fishing gear  
 0.91
5. Foster better knowledge transfer and communication. Make use of the wealth of available scientific knowledge to reach Mission Ocean's objectives  
 0.88
6. Orient the goals of existing regional and local structures to align with Mission Ocean's objectives. Utilize Mission Ocean as a collective experiment to multiply opportunities and increase stakeholder engagement  
 0.47

## To improve Mission Ocean governance and funding efforts

(3/3)

066

7. Consult and contribute to the BlueMissionBANOS database of Mission-relevant projects including projects funded by national and philanthropic organizations



## What would you like to be brought up in Arena 2 in Estonia? What would you like to see happening? What suggestions do you have on what we may do differently in the Arena 2?

037

(1/6)

- Z
- How to scale up good initiatives and incentivize actions on practical, concrete level.
- Will there be a platform on which presentations and outcome of workshops and polls will be shared?
- Earlier and more clear information on the Arena's goal, agenda och format
- presentation of concrete knowledge and experiences,
- also things that did not work out and learnings/ solutions, to facilitate action., share action steps
- Workshop on standardisation of Life Cycle Assessment
- Inviting food industry people who are willing to support and collaborate for implementing and producing blue food products
- More stands like the seaweed salt making station
- More discussions

## What would you like to be brought up in Arena 2 in Estonia? What would you like to see happening? What suggestions do you have on what we may do differently in the Arena 2?

037

(2/6)

- about education on all levels and how we can support teachers in developing ocean literacy. More discussions and practical examples around how to help in-land cities/communities become part of the action (it seems far away from them). Include more countries outside the Baltic Area. Invite people from all fields of expertise to attend (very specific topic, but seems too specialized).
- Include more student projects
  - More sessions regarding RAS , more Policy Maker and a even better connection between the different branches and the industry.
  - More room for discussion + more participation from regulatory side + recap on implementation of action points
  - Students to be included
  - Add Project Affiliation to Nametags
  - Improve communication

## What would you like to be brought up in Arena 2 in Estonia? What would you like to see happening? What suggestions do you have on what we may do differently in the Arena 2?

037

(3/6)

how Mission Ocean can contribute to which SDGs and societal demands.

- Efforts can be taken to put suggested actions into practice
- A little bit too many presentations and not enough time for questions and discussion
- Links between blue food and bioremediation
- Session on upskilling needed to bridge research to impact -

what skills do people need to facilitate achieving the objectives

- The mixture of topics and types of Workshops/Seminars/Talks was adequate !
- Focus on low salinity species. Workshop on farming practices for the BS. Fisheries and discussions about how to stop the overfishing from the few swedish West-Cost largescale fishers.
- More microalgae
- More details on the titles of the



## What would you like to be brought up in Arena 2 in Estonia? What would you like to see happening? What suggestions do you have on what we may do differently in the Arena 2?

037

(4/6)

- talks and possibility to switch between sessions
- Blue food cooking workshop
- A little bit more student open
- More Blue education, ocean/Blue literacy and Blue school-development.
- Engage more in value creation topics, workplaces and the aspect of profitability . Maybe more industrial partners would join?
- Linking the climate to the blue economy
- Connection to other lighthouses on onther sea basins
- Shorter sessions, shorter talks, blue food for lunch
- More about shipping
- Matchmaking/workshops between public, private and research to co-create and find solutions
- More focus on local and regional approaches
- Marine ecosystem restoration
- Presenting in a more

## What would you like to be brought up in Arena 2 in Estonia? What would you like to see happening? What suggestions do you have on what we may do differently in the Arena 2?

037

(5/6)

active way the stands present in the commun area

- To set not just TRLs but also social readiness levels, policy readiness levels, education readiness levels, regulatory readiness levels to measure performance and readiness for 2026
- Shorter pitches and presentations, more polls and interactive workshops to speed up on

actions right after the conferences, especially now that strategies have become much clearer.

- More direct questions and less panel discussions
- More time for discussions after the workshops talks/presentations or more time reserved for interaction/discussion.
- BLUE CARBON
- No more ouch

**What would you like to be brought up in Arena 2 in Estonia? What would you like to see happening? What suggestions do you have on what we may do differently in the Arena 2?**  
(6/6)

037

- Pilotprojekts on lokal multiuse outside of the north sea & baltic area
- Funding round table
- Hybrid version - to be able to join online
- Better matchmaking, not only requesting meetings
- More detailed agenda with list of speakers and times to enable Workshop/Session hopping
- Present even more practical concrete examples, projects and initiatives.
- Get participation from
- Including pitches, planning the sessions
- Reflection on what steps have been taken since the 1st Arena and the progress of the action points.
- Acoustics