

GRASS Conference Experts survey

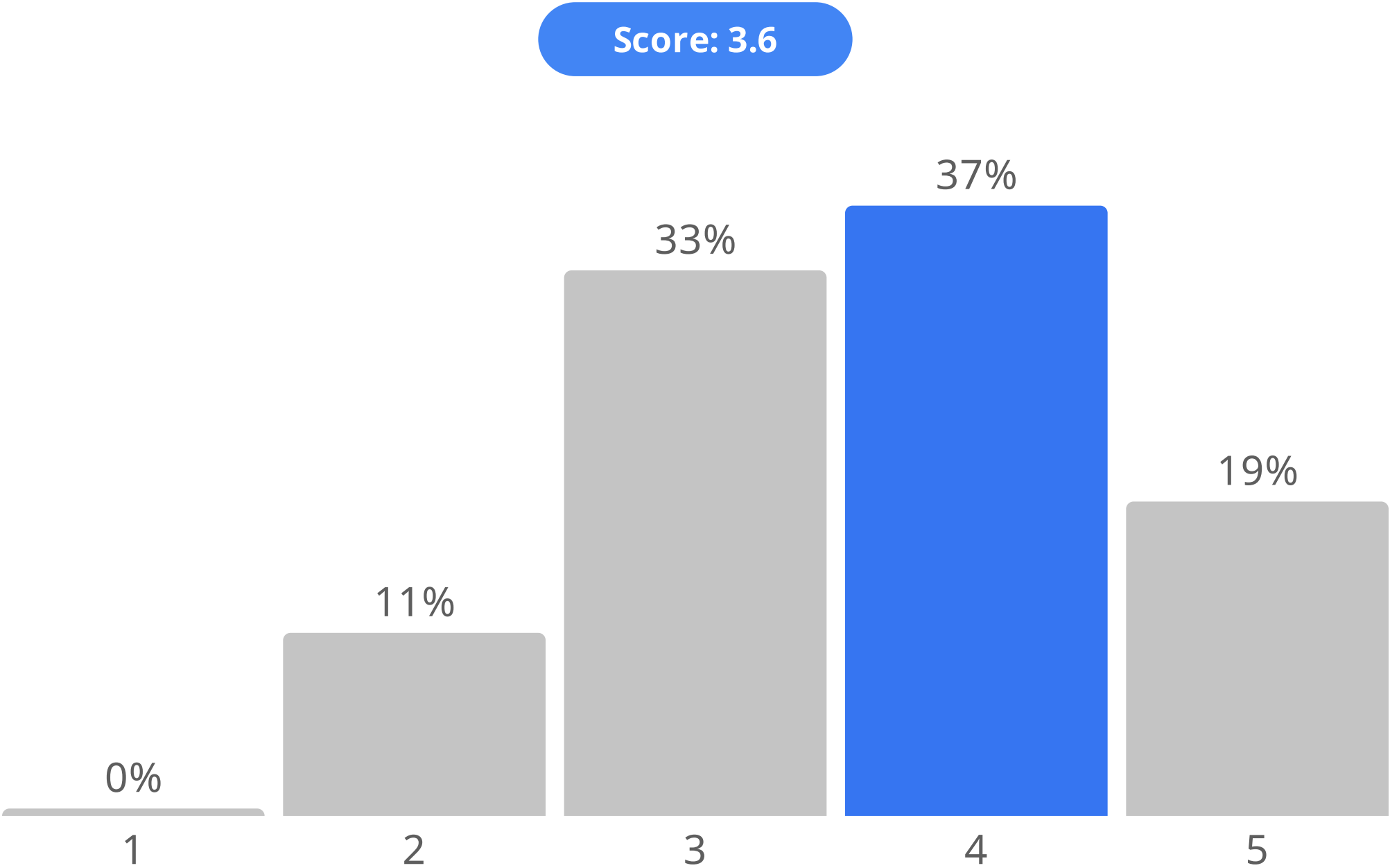
06 - 07 May 2021

Poll results

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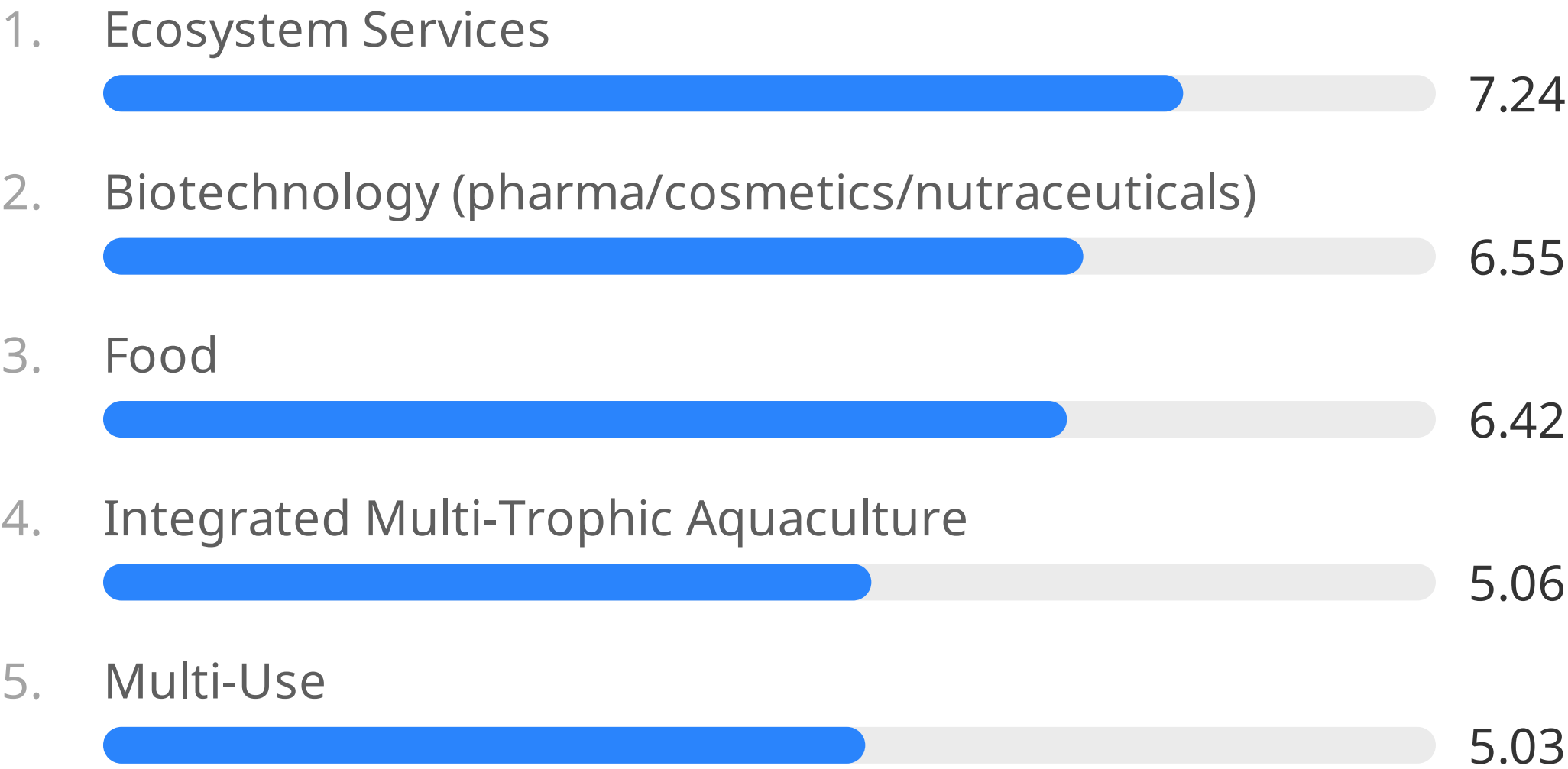
How would you rate the prospects of macroalgae production and use in the BSR?
Good/bad?



Survey (2/16)

033

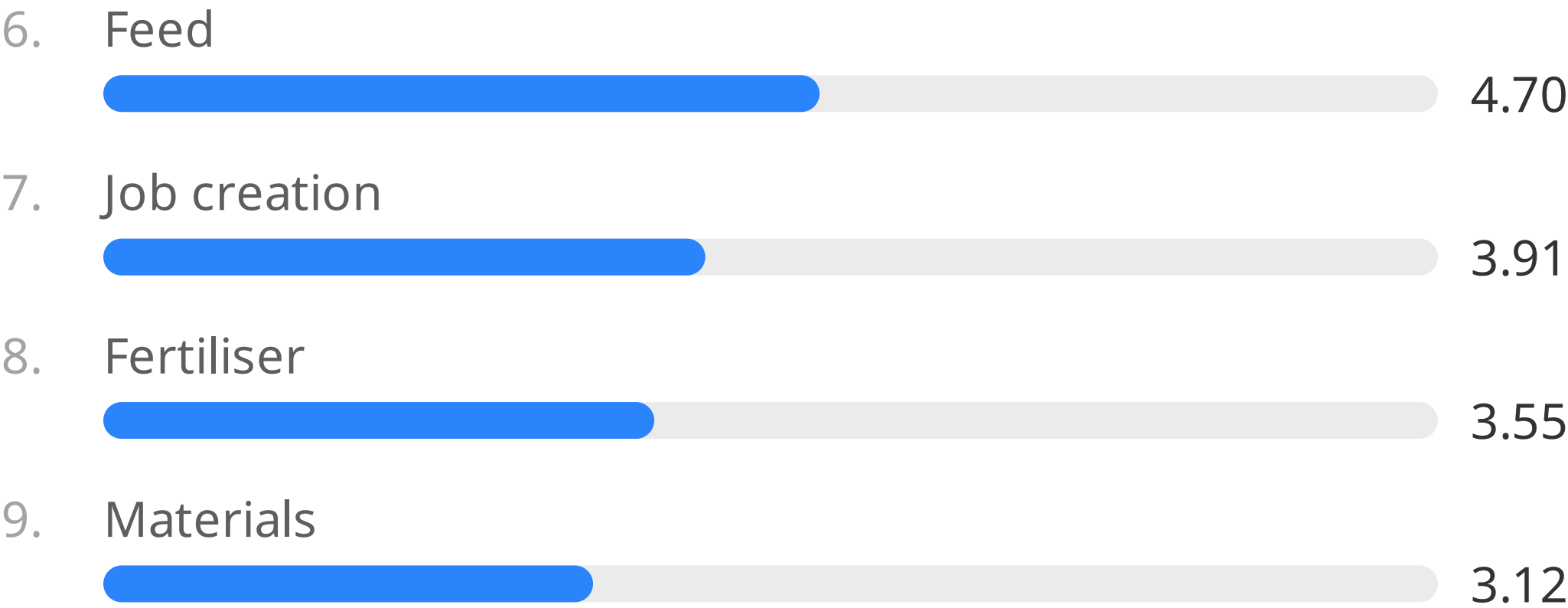
For what purpose do you think macroalgae cultivation makes sense in the Baltics?
(1/2)



Survey (2/16)

033

For what purpose do you think macroalgae cultivation makes sense in the Baltics?
(2/2)



Survey (3/16)

003

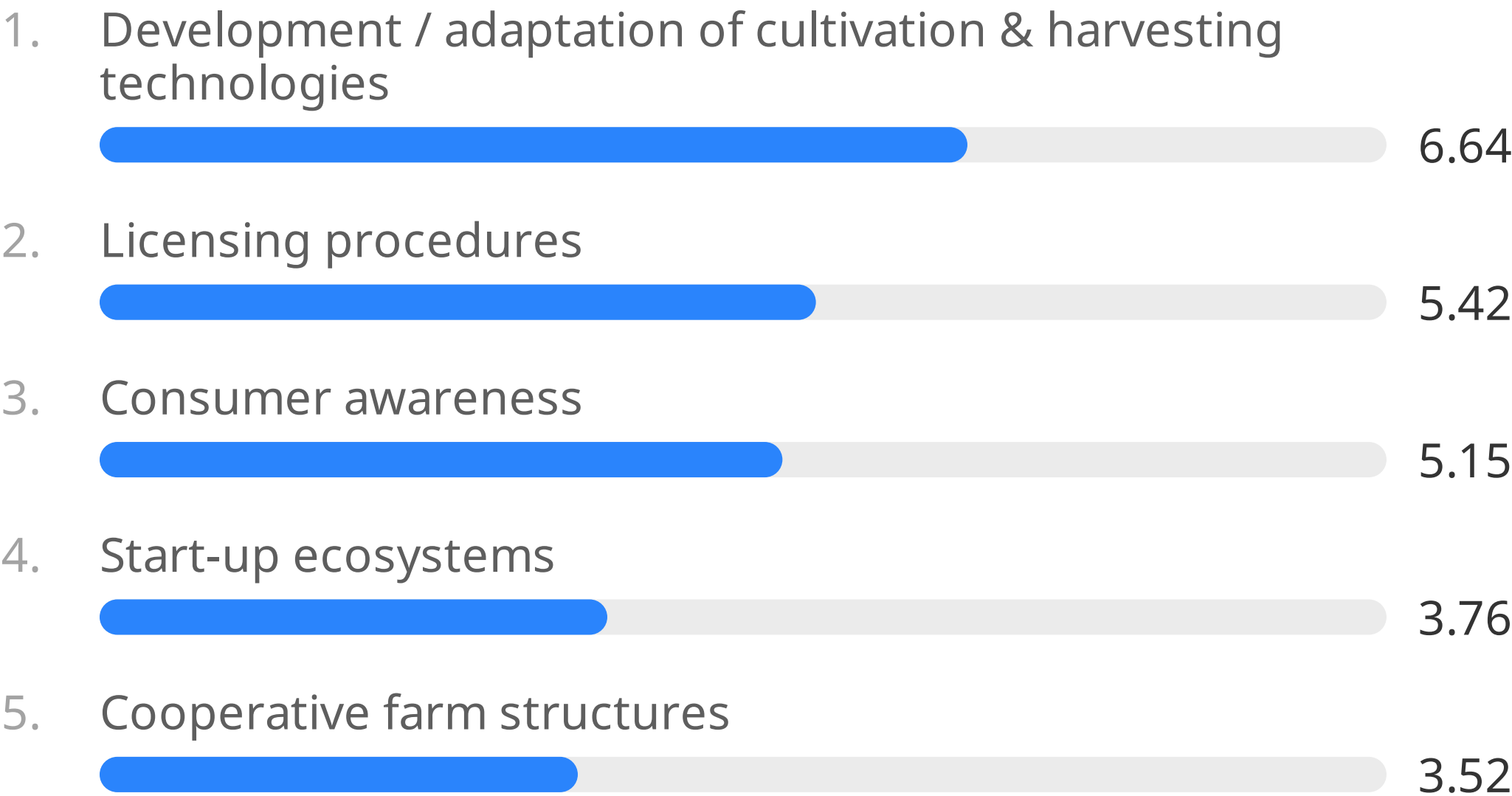
If other what?

- Bio- based products
- Packaging
- Restoration

Survey (4/16)

033

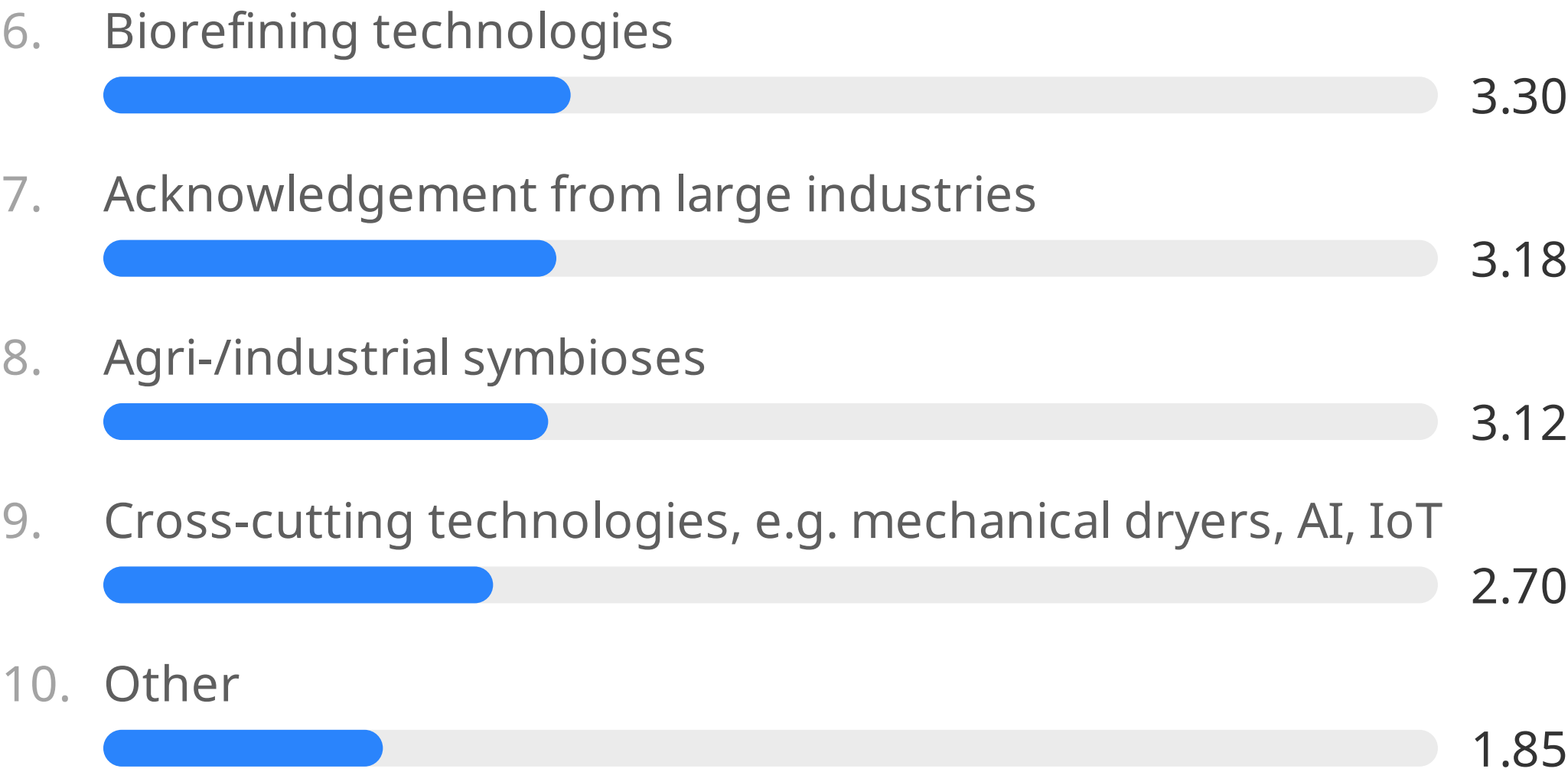
Rank these improvements needed in the Baltic seaweed sector.
(1/2)



Survey (4/16)

033

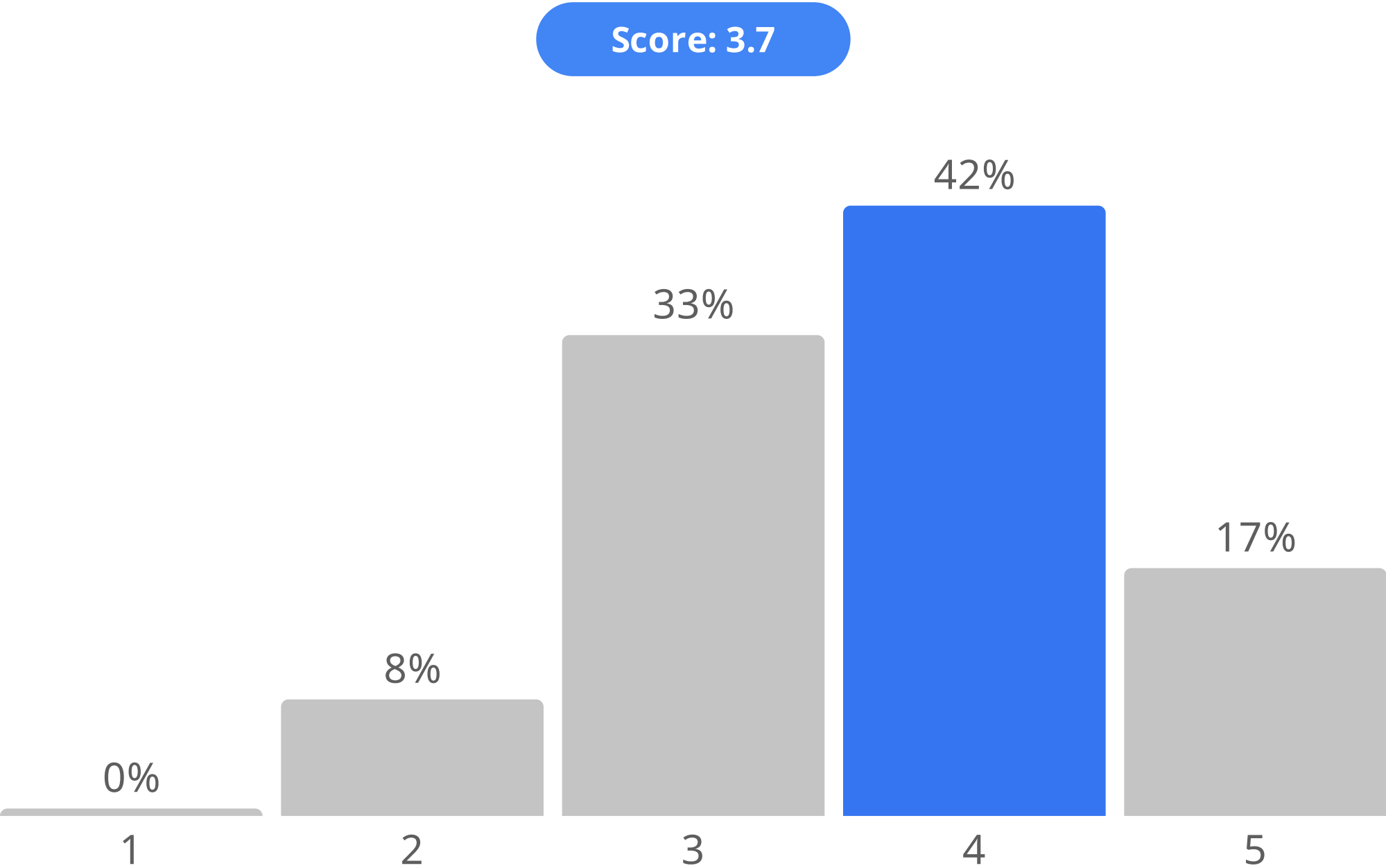
Rank these improvements needed in the Baltic seaweed sector.
(2/2)



If other, what?

- Politicians' awareness
- A systemic approach is needed to understand the whole integrated marine system and its interrelation with land. So a multilevel approach through systems innovation is the way to act on the necessary levers of change to bring seaweeds as a new component of the business models with positive impact at environmental and socioeconomic level.
- Legislation and valorisation
- of the eco-system services from a holistic perspective
- Regulatory
- Funding. Access to „cheap“ money, without selling your company to big players
- Learn from asia
- Space competition

NEW! How do you rate collecting beach-wrack as a promising activity to reach "Good Environmental Status"?



Survey (7/16)

005

What do we need to develop a beach-wrack market at Baltic level? e.g. an app?

Biorefinery

Communication

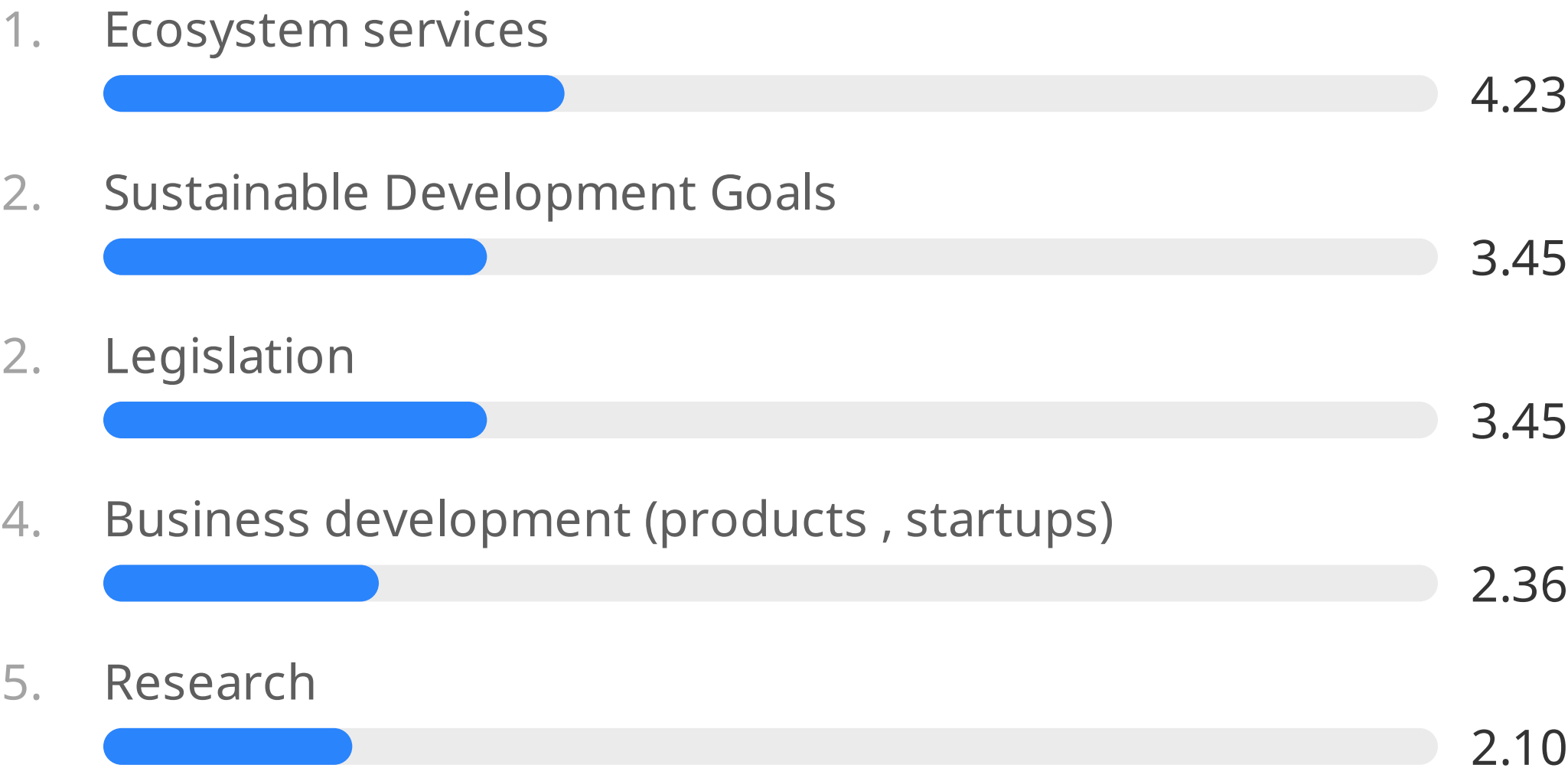
new products App

Role on ecosyst

Survey (8/16)

031

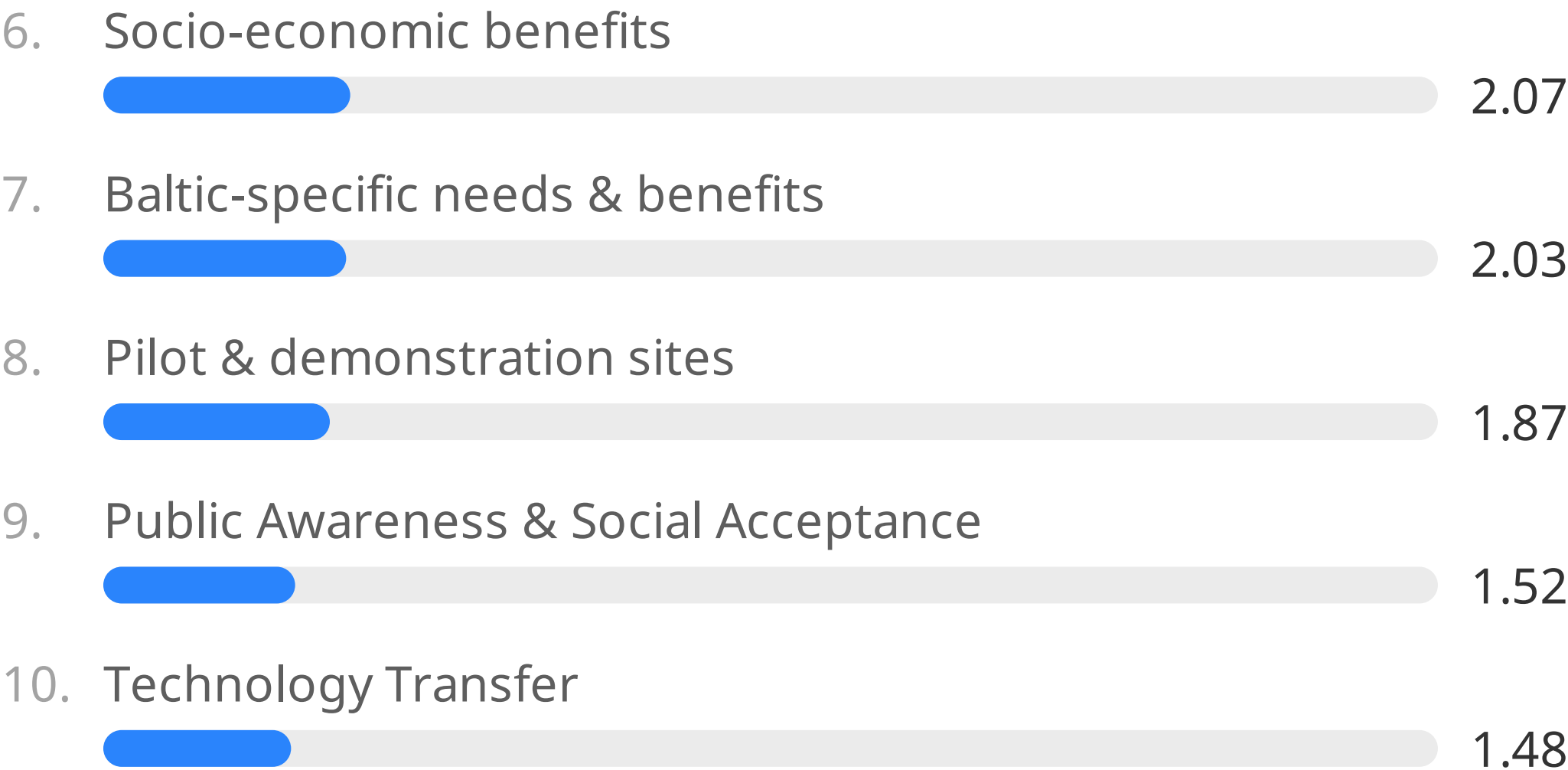
POLICY PAPER: Prioritise 5 focus areas of the macroalgae policy paper from your perspective
(1/3)



Survey (8/16)

031

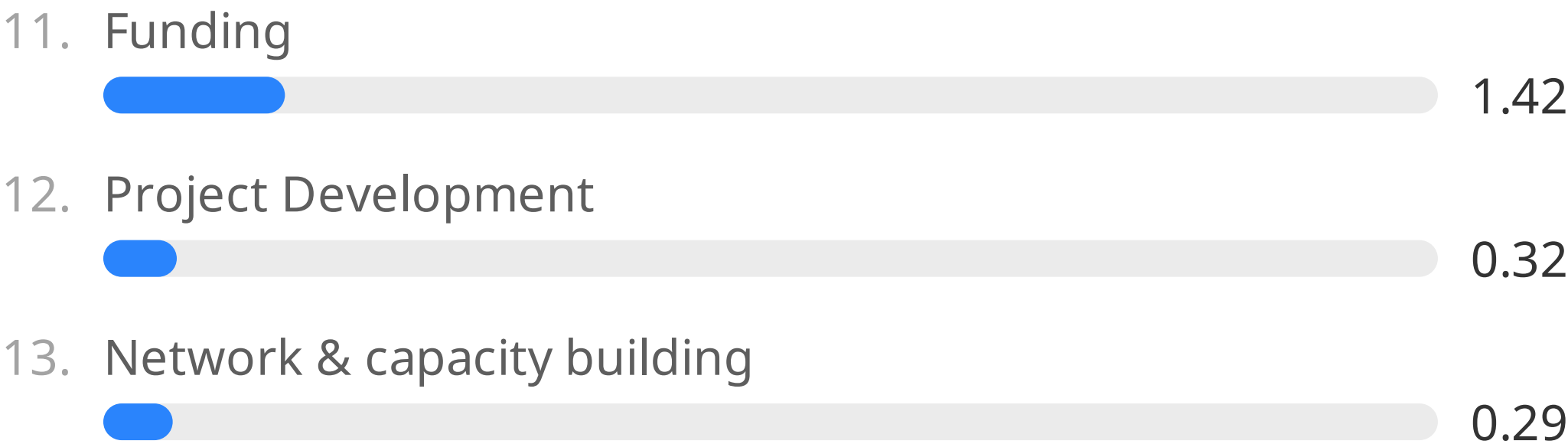
POLICY PAPER: Prioritise 5 focus areas of the macroalgae policy paper from your perspective
(2/3)



Survey (8/16)

031

POLICY PAPER: Prioritise 5 focus areas of the macroalgae policy paper from your perspective
(3/3)



Survey (9/16)

001

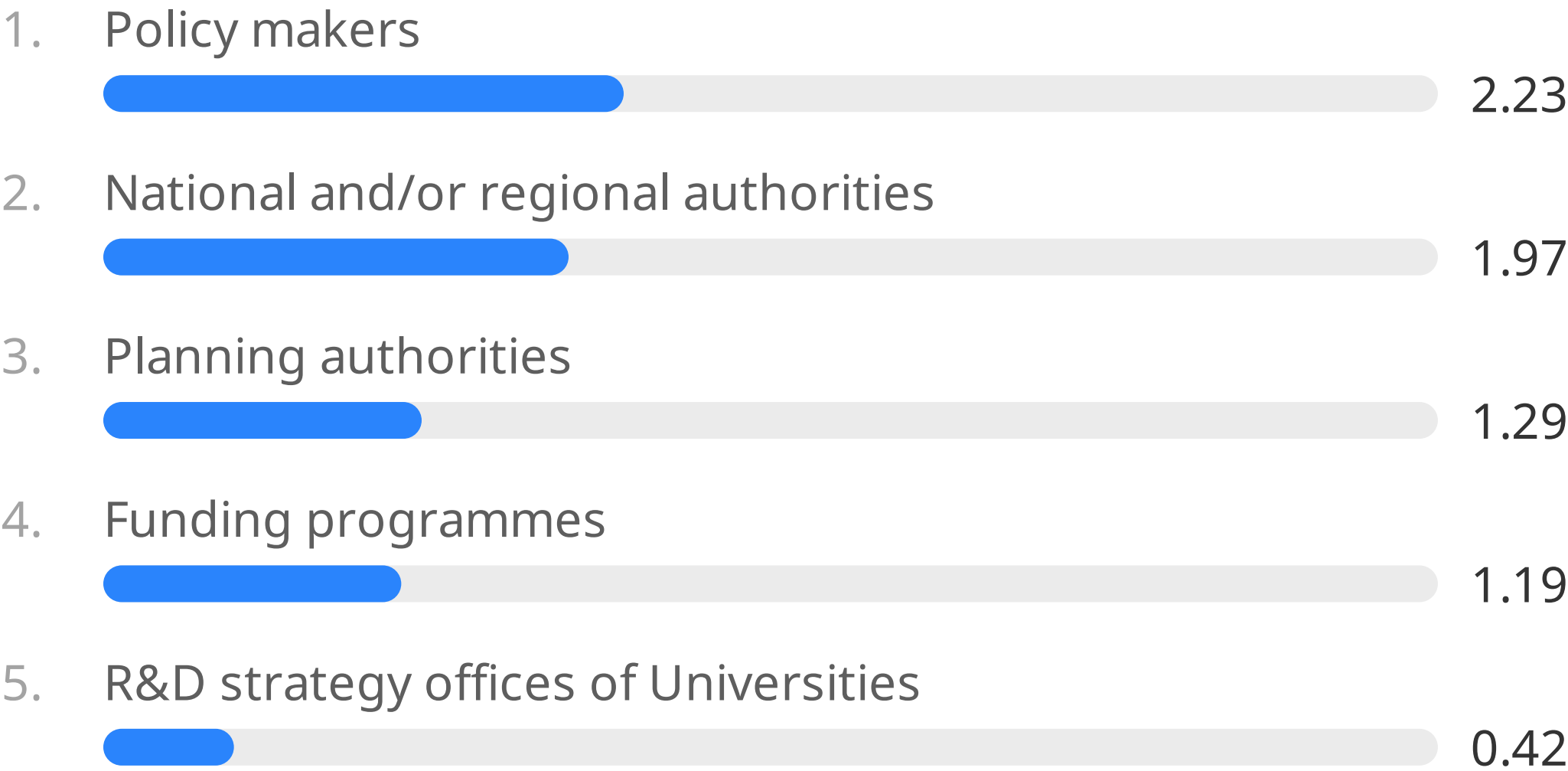
If other, who?

- Industry

Survey (10/16)

031

Who should be the target end-user of the policy paper?
(1/2)

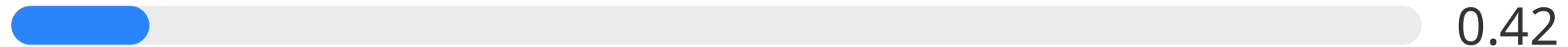


Survey (10/16)

031

Who should be the target end-user of the policy paper?
(2/2)

5. Other



Survey (11/16)

031

More specifically, according to you, which of the following topics should be added in the policy paper?

(1/3)

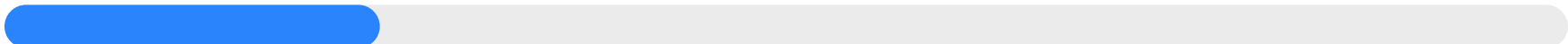
1. Seaweed cultivation in the Baltics and environmental benefits, e.g. internal nutrient load reduction.
 3.16
2. Baltic-wide seaweed and socio-economic benefits e.g. new opportunities for lost fisheries jobs.
 2.84
3. Develop research and innovation agendas (national, RIS3) for Baltic seaweed production and use e.g. selection of sites, species, technologies, combinations, product markets.
 2.77

Survey (11/16)

031

More specifically, according to you, which of the following topics should be added in the policy paper?

(2/3)

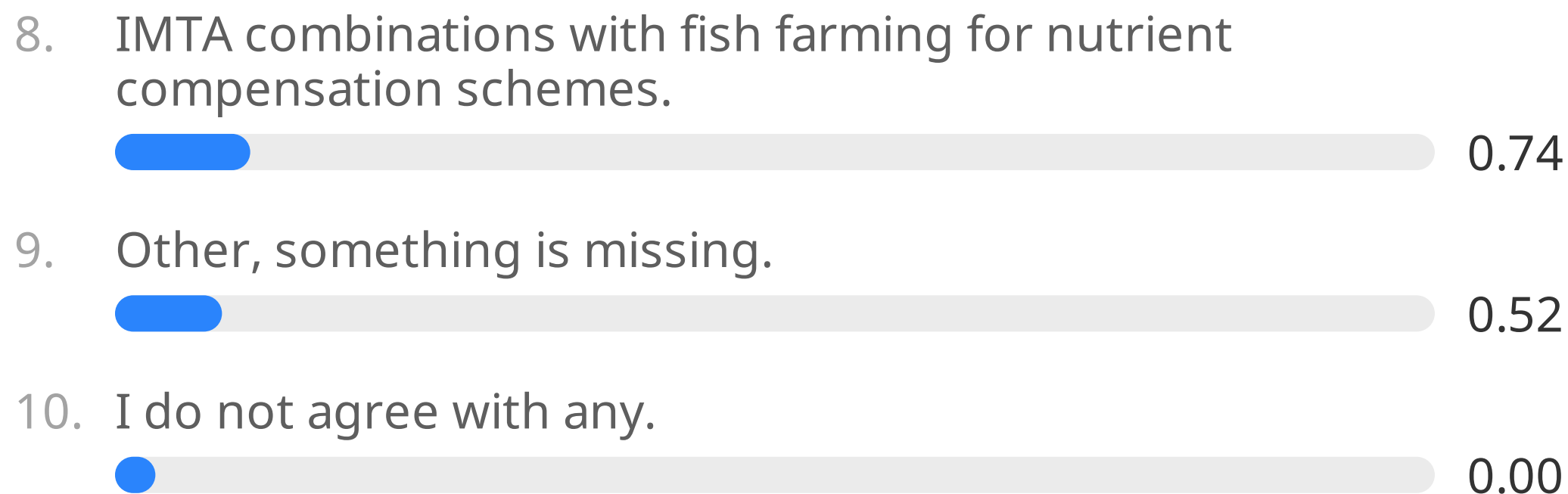
4. Raise awareness on environmental and socio-economic benefits and opportunities, e.g. campaigns, citizen science, cookbooks, roadshows.
 2.45
5. Combinations of seaweed farming with other uses, e.g. tourism or off-shore wind farms.
 2.16
6. Transfer of good practices from other sectors or regions.
 1.61
7. Development of short Baltic food value chains with seaweed (post-COVID19).
 1.19

Survey (11/16)

031

More specifically, according to you, which of the following topics should be added in the policy paper?

(3/3)



If other topic, what?

- LCA Environmental Footprint
Carbon Footprint Biotechnology
- I believe the main bottleneck is to produce clean, market-ready biomass in the Baltic Sea. For species, which are already produced in other areas (Saccharina, Palmaria), the production methods have to be adapted to Baltic conditions, where






growth is lower due to lower salinities while fouling pressure is still high. For other species (Fucus, Cladophora, Furcellaria), commercial culture methods are yet to be developed. So the main focus should be on culture method development.

- Industrial challenges

Survey (13/16)

033

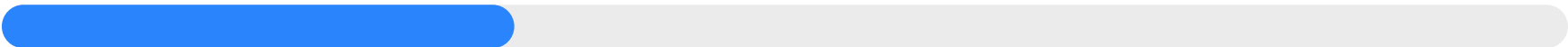
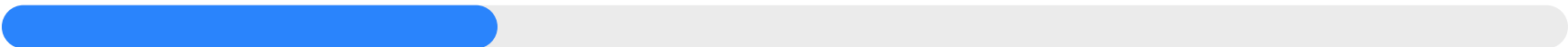
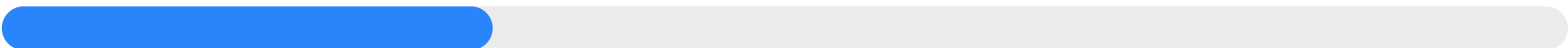
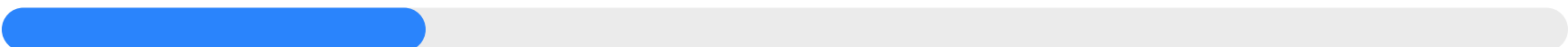
What do YOU value in a new Baltic macroalgae WG?
(1/3)

1. Knowledge exchange and match-making
 8.27
2. Investigate technologies available in other regions that could be transferred to the Baltic
 4.18
3. Connect Baltic farms internally and also externally at EU level
 4.15
4. Collect data from operational seaweed farms and model data
 4.06
5. Promote innovative and sustainable Baltic blue bioeconomy products
 3.70

Survey (13/16)

033

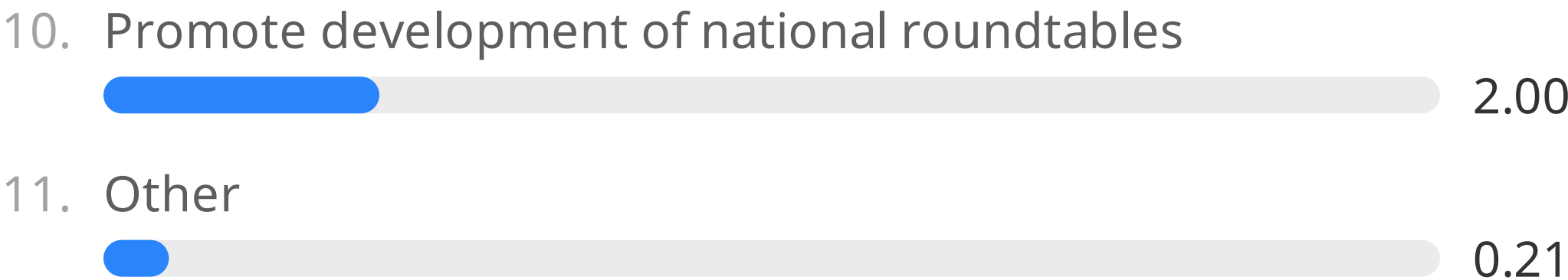
What do YOU value in a new Baltic macroalgae WG?
(2/3)

6. Provide mentors and support start-ups and SMEs and the Accelerator for Blue Growth
 3.36
7. Increase visibility and access of relevant communication materials promoting benefits and opportunities of macroalgae
 3.24
8. Lobby to include seaweed mariculture in MSP
 3.21
9. Encourage formation & support local/regional cooperative structures
 2.73

Survey (13/16)

033

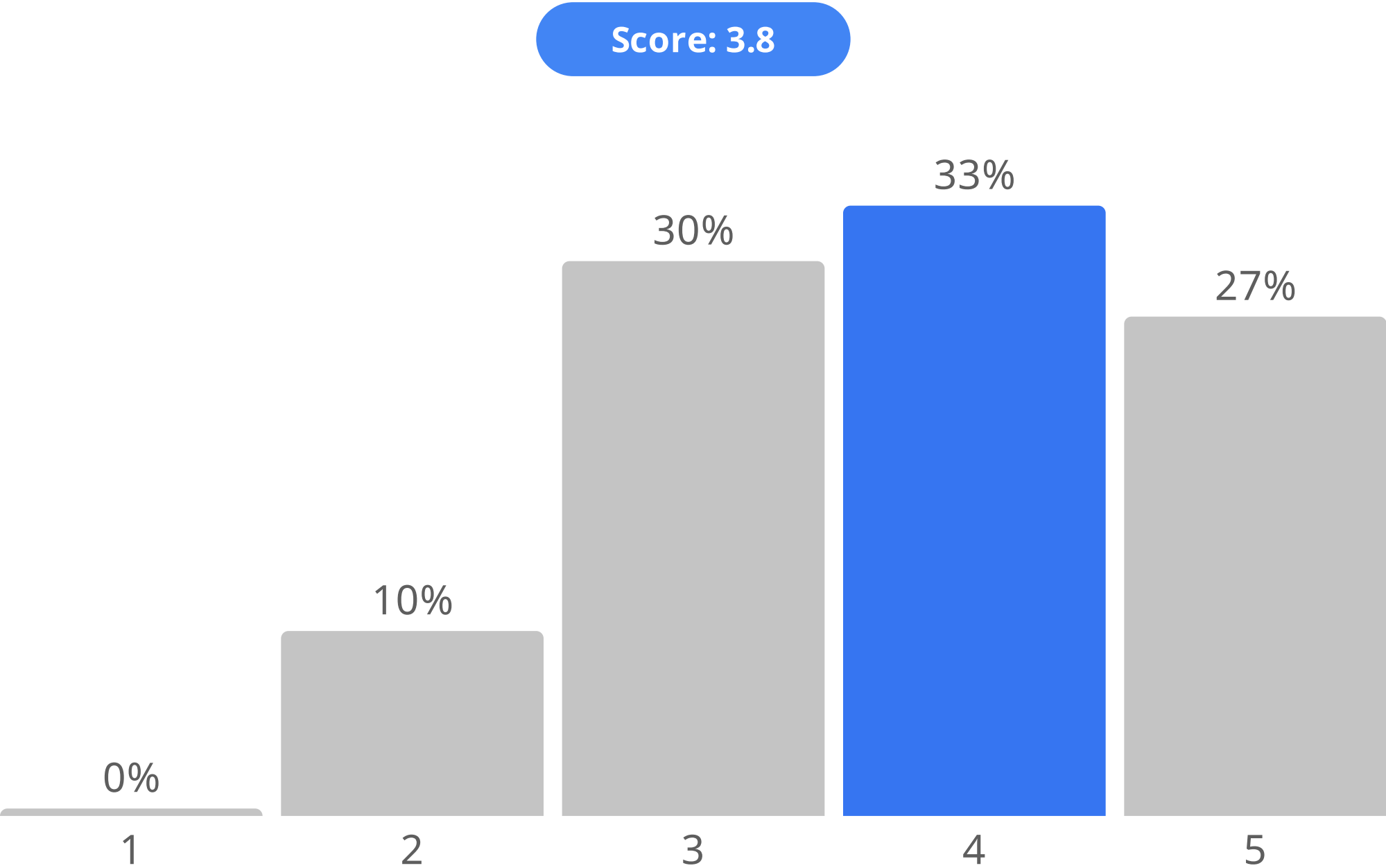
What do YOU value in a new Baltic macroalgae WG?
(3/3)



Survey (14/16)

030

Rate how likely or unlikely you will participate and contribute in the macroalgae Working Group meetings?



Survey (15/16)

033

Do you want to get involved in the preparation of this policy paper? If yes, you will be contacted again.

Yes, of course, this is relevant to me.



Yes, if only it is submitted to a scientific journal.



No thanks



Survey (16/16)

004

NEW! What else can you bring/ contribute to the WG? e.g. monitoring data, contacts in other regions/EU/Asia, project development, business support, mentoring of small companies, access to investors.

Research data
project/mentor
Init. other reg
Business suppor