SAFE Online Workshop:

Beyond technical success: from innovation to implementation in sustainable aquaculture

Smart Aqua4 FuturE

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Menti

Instructions



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I think....

I think fish is (1 = very cheap, 5 = very expensive)

3.4

I think wild caught fish is (1 = very unsustainable, 5 = very sustainable)

2.7

I think farmed fish is (1 = very unsustainable, 5 = very sustainable)

4.2

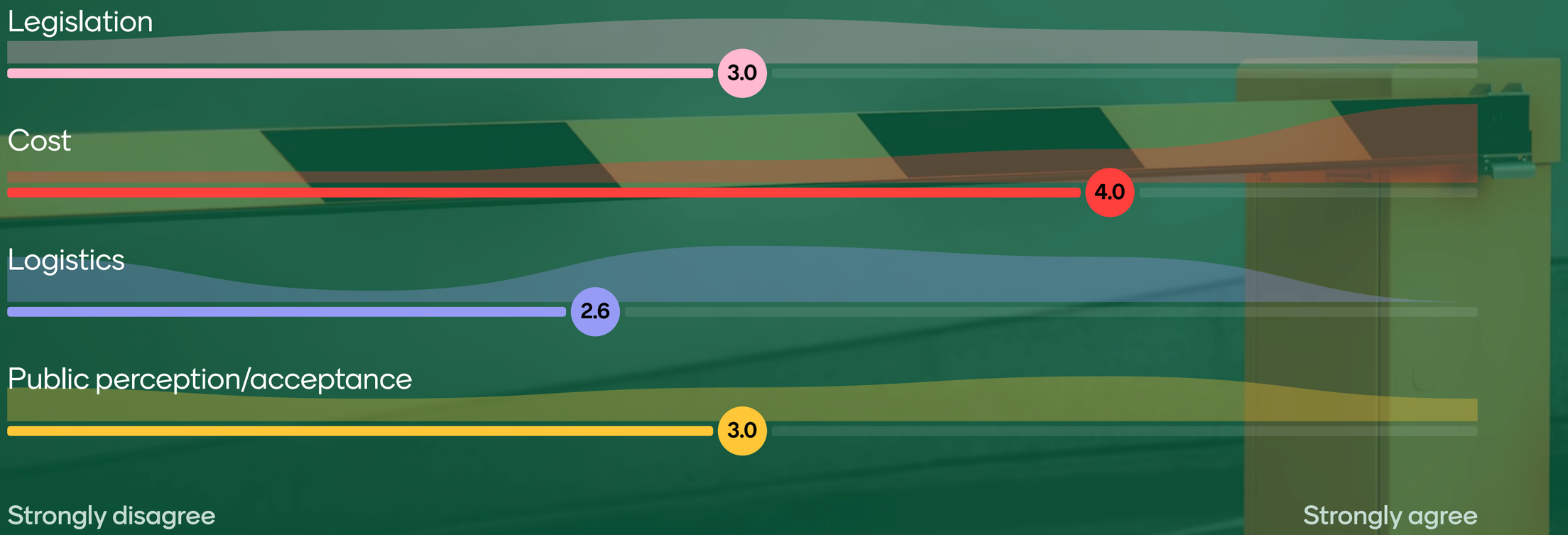
1

5



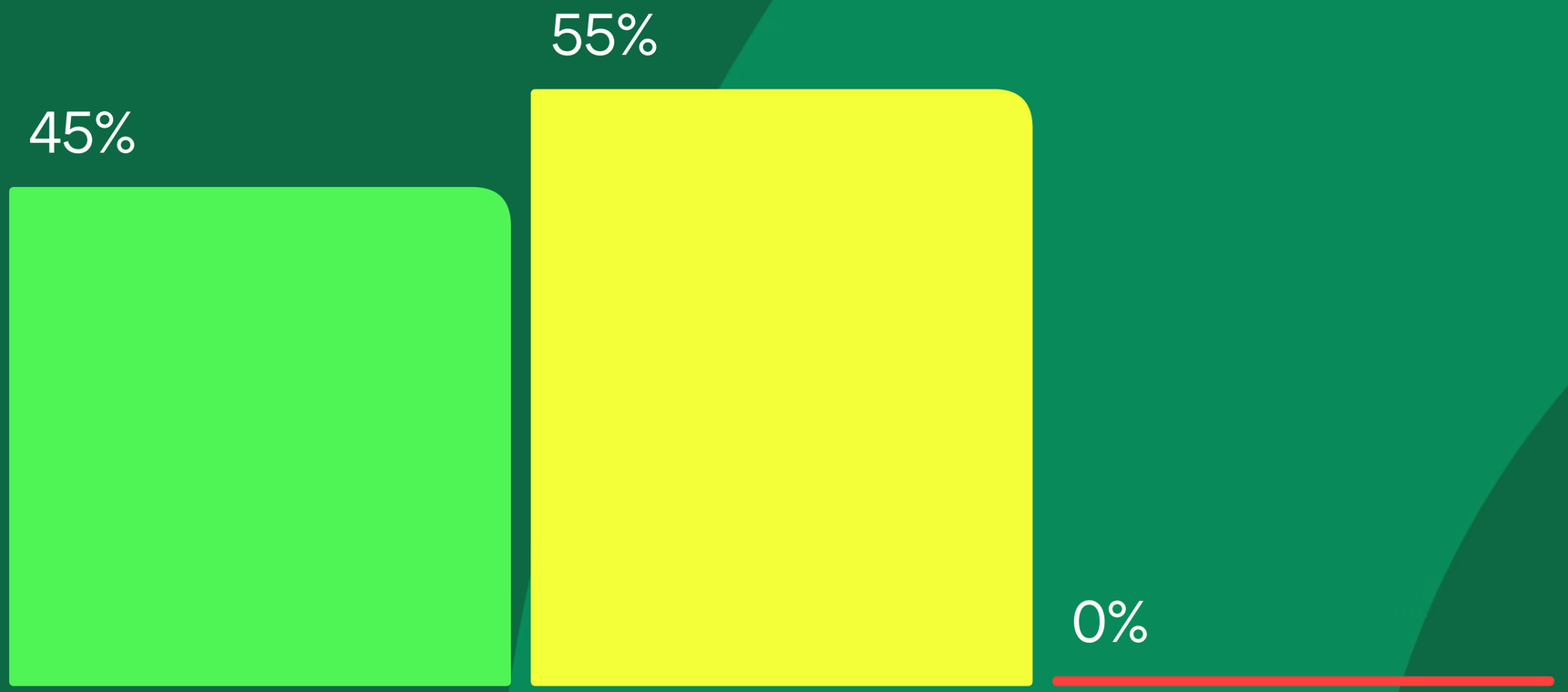
12/12

The main barrier to producing more sustainable fish is:

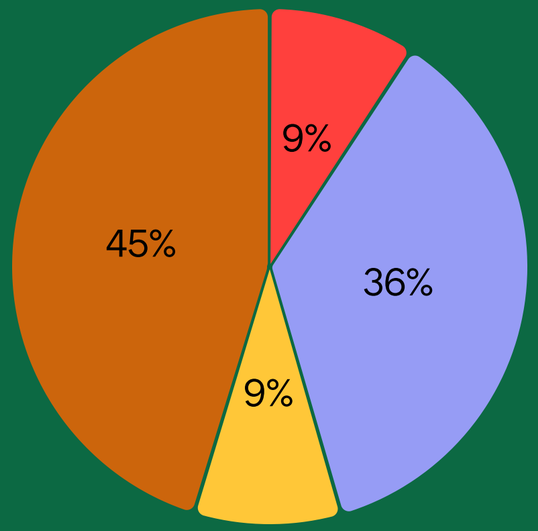




Which light would you give the straw bales?



What is the biggest barrier to systems like this?



0%	Cost
9%	Labour
36%	Permits and law
9%	Lack of evidence
45%	What to do with the deposit





Which mushrooms would you rather eat?

(1) Grown on soy meal; (5) grown on salmon sludge; (2-4 intermediate mixes)

4.1

1

5

10/10



Would you be willing to pay more for salmon where the sludge has been used as a new resource?

(1) No, absolutely not; (5) Yes, definitely

2.8

No way!

Yes, definitely

13/13

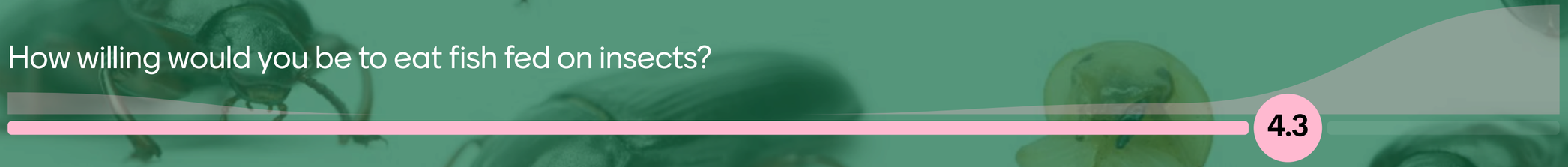
In your opinion, which circular loop has the biggest potential?

1. Replacing imported soy with dried salmon sludge
2. Turning mushroom stems into sustainable fish feed powder
3. Feeding spent mushroom substrate (SMS) to mealworms
4. Filtering river discharge with straw barriers in carp ponds



Mealworms for aquafeed

How willing would you be to eat fish fed on insects?



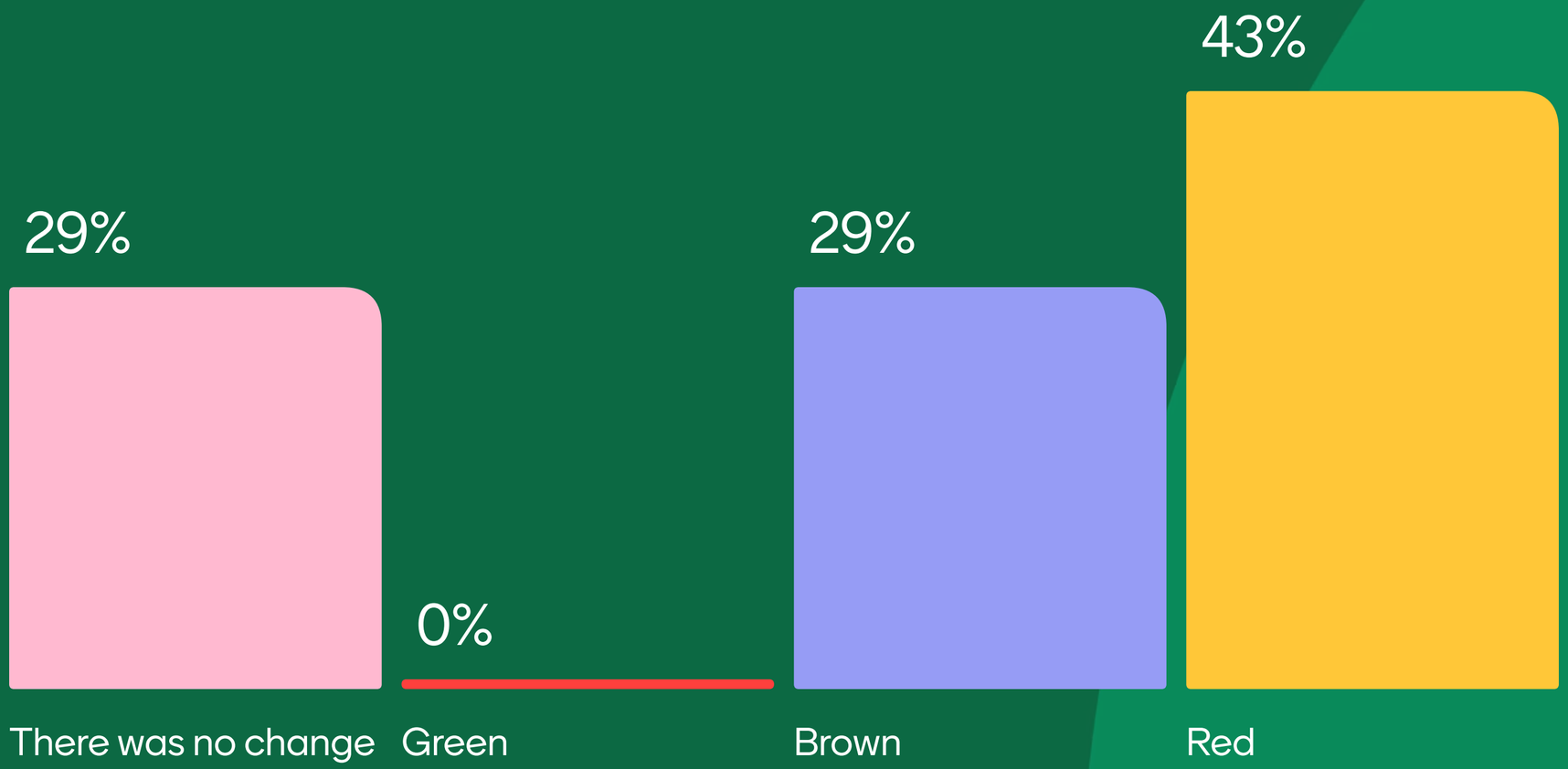
No way!

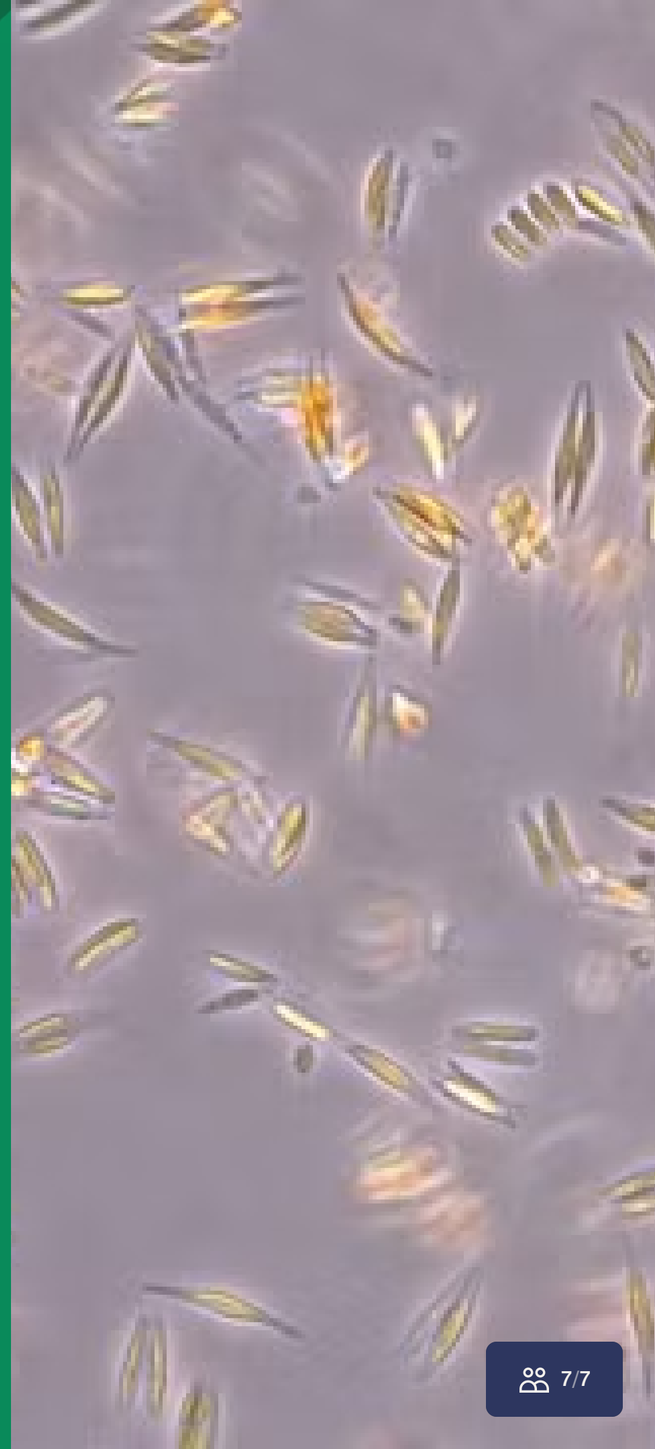
Absolutely!

Food produced using aquaculture effluents

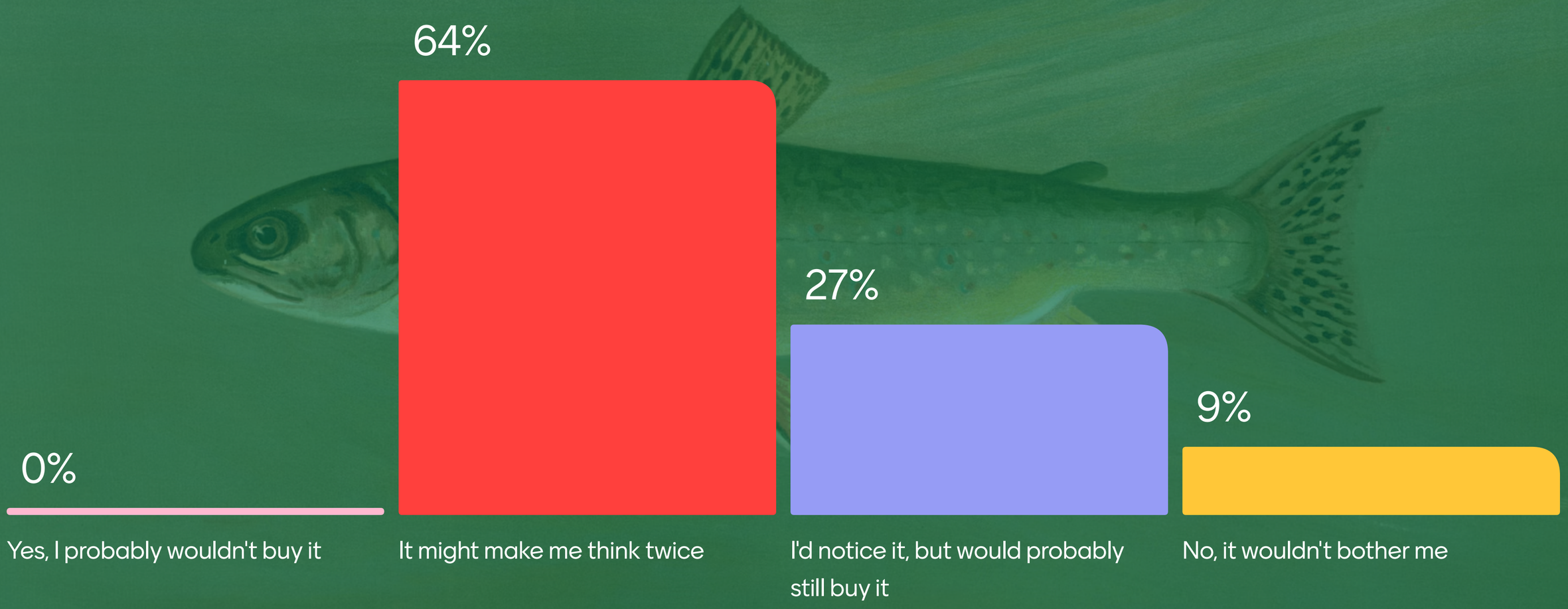


What colour did the 5% inclusion of Phaeodactylum turn the rainbow trout plasma?

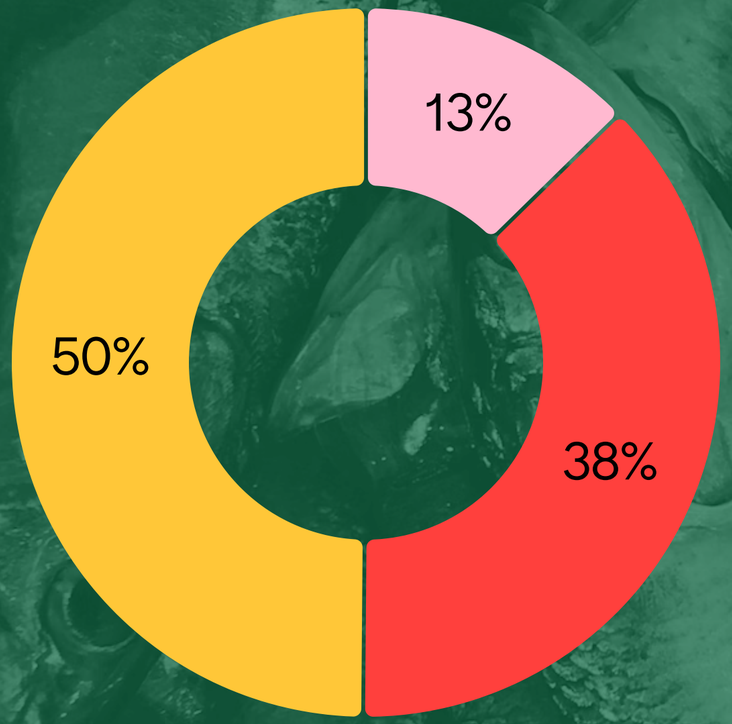




Would it affect your decision to buy fish if the colour was slightly different from what you are used to?



Is fishmeal still essential for rainbow trout production?



13%	Absolutely, fishmeal should be the main ingredient
38%	Partially, some fishmeal still needs to be included in the feeds
0%	No, but we shouldn't expect an increase in fish performance
50%	No, more sustainable alternatives that improve feed utilisation are increasingly available

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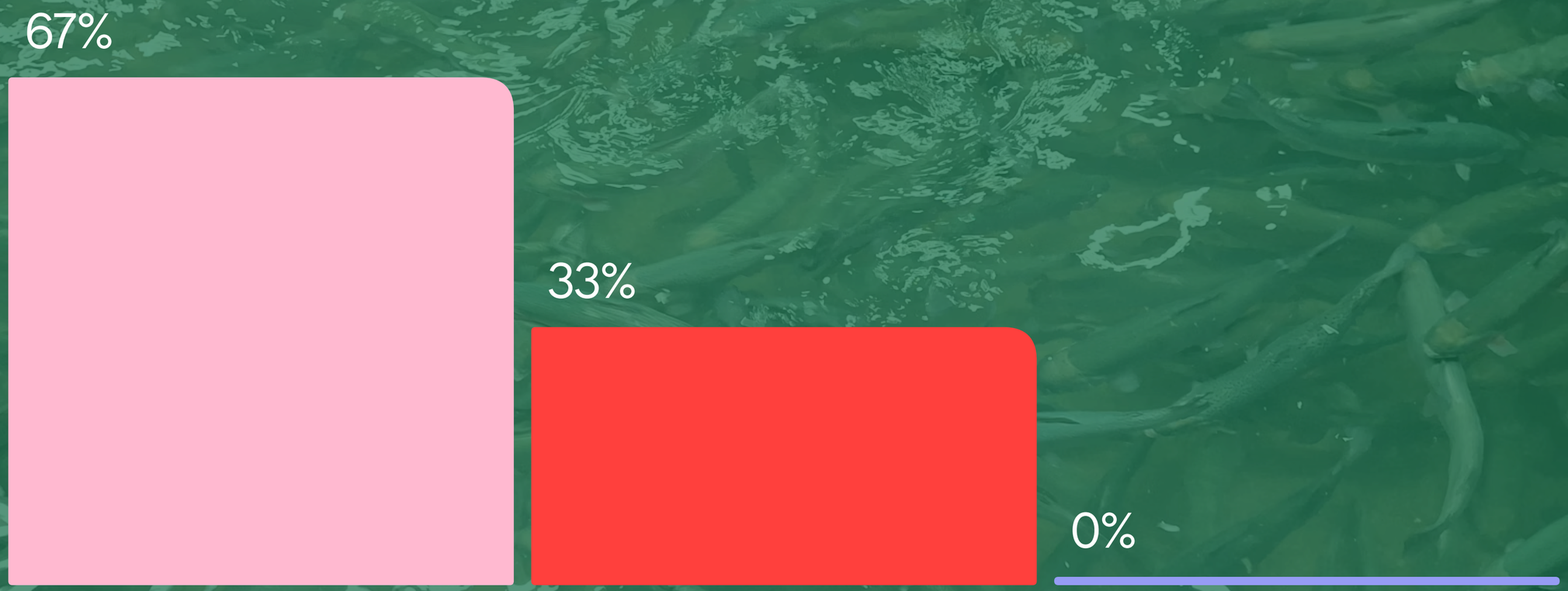
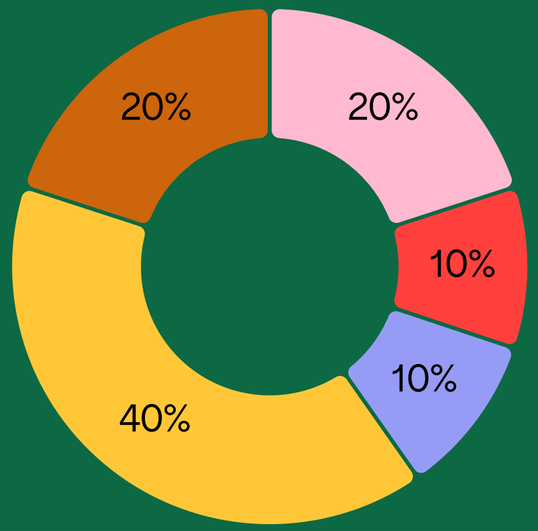
Which improvements would make the biggest economic difference for a fish farm?



Which of the following government actions would be most effective for increasing your consumption of sustainable freshwater aquaculture products?



- 20% Higher taxes on less sustainable food products
- 10% Market bans on less sustainable food products
- 10% Subsidies that reduce the price of more sustainable foods
- 40% Lower taxes on more sustainable food and its production
- 20% Better information and guidance including on-package labelling
- 0% Short-term campaigns to incentivise the availability of more sustainable products
- 0% Incentivising rewards (e.g. within retail loyalty schemes) on sustainable products



Very briefly, what main policy recommendation would you make to encourage the adoption of the presented innovations?

improvements in access to public funding at the later stages, focusing on commercial phases

Allow the use of sludge as biofertiliser in EU

A subsidy for the industry who adopts the innovations Penalise industry who do not adopt these types of innovation

More support for more research on the safety of the innovations, especially in the case of more than one cycle, and better regulatory response to new evidence

Give financial incentives for aquaculture companies applying sustainable practices

Allow the use of sludge from aquaculture on a par with agriculture

Own regulatory category for RAS

Remove some of the restrictions in the animal by-product regulations that are not applicable for fish and insects

