Cultured meat: future projection?

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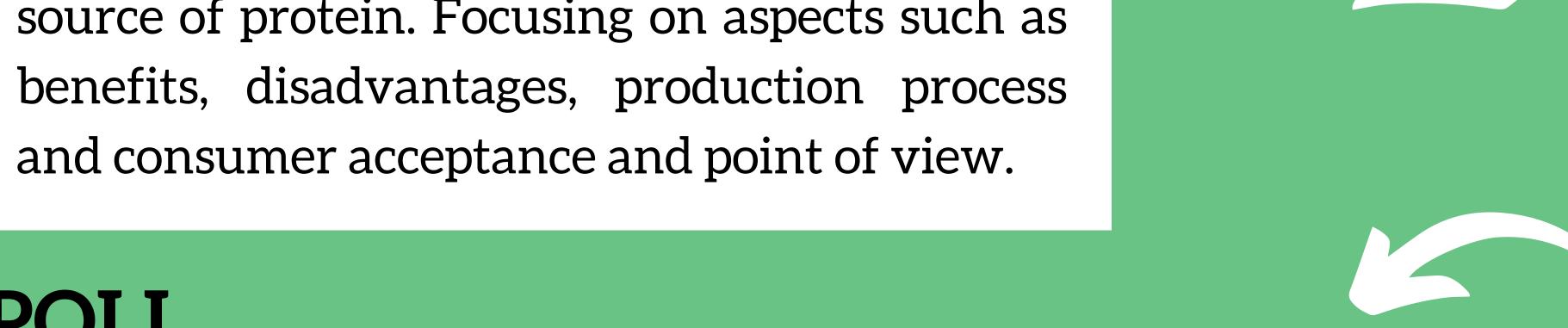


OBJECTIVES

The main objective is to analyze the viability and projection that cultivated meat can have as an alternative to traditional meat or a source of protein. Focusing on aspects such as and consumer acceptance and point of view.

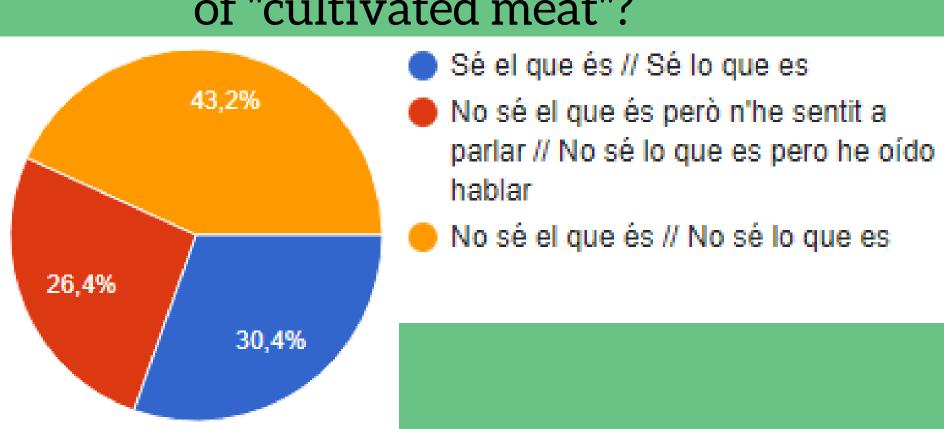
WHY TO PRODUCE CULTURED MEAT?

- Sustainable production
- Environmental sustainability
- Animal welfareFood security

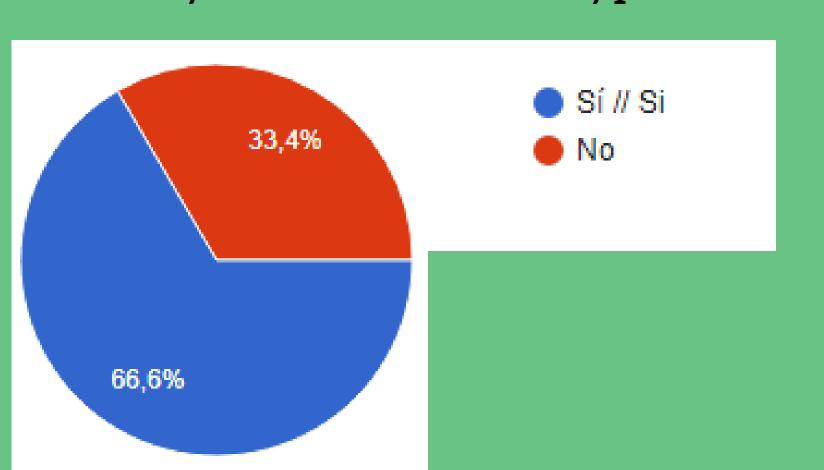


POLL

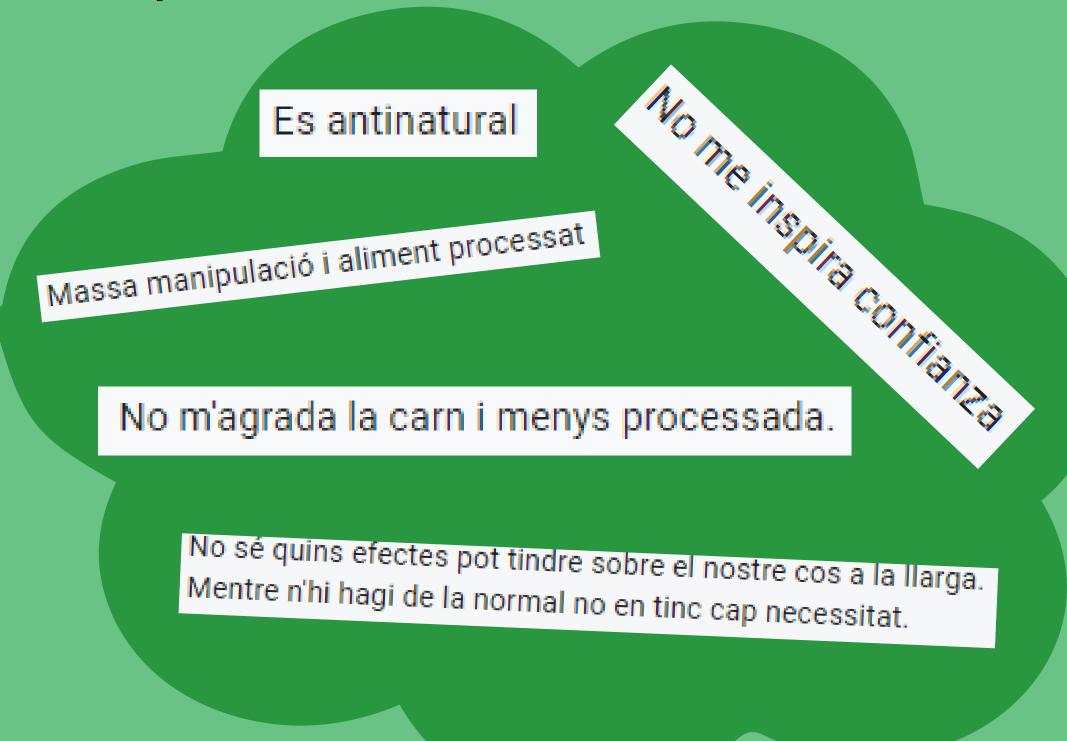
Do you know what it is or have heard of "cultivated meat"?



Would you consume this type of meat?



Why not?



Advantages and disavantages



BARRIERS

- Ethics
- Organoleptic characteristics
- Cost

- Naturalness
- Health
- Culture

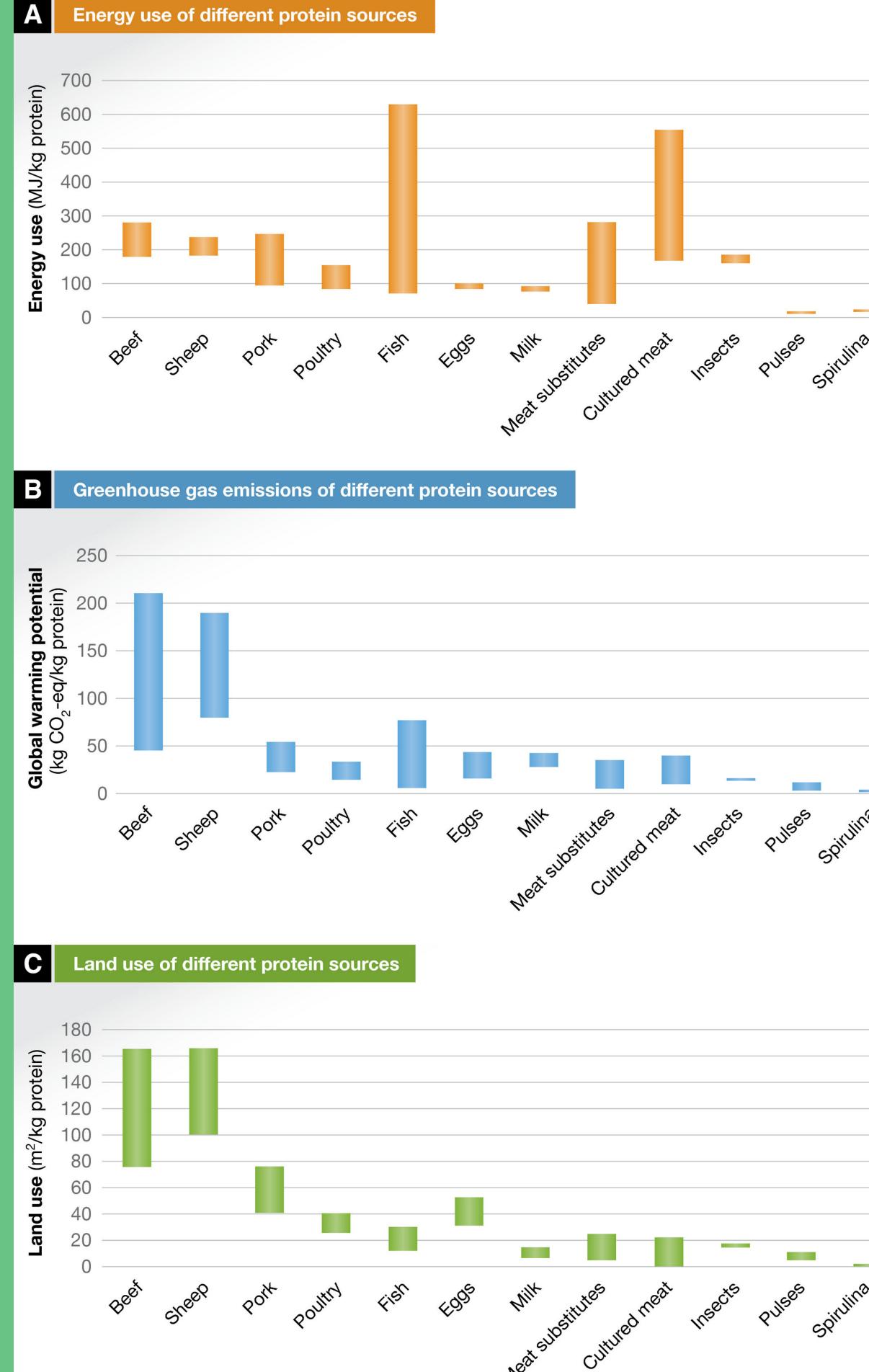


Figure 1. Environmental impact of different protein sources. Energy use (A), greenhouse gas emissions (B) and land use (C) (Hanna L. Tuomisto 2014)

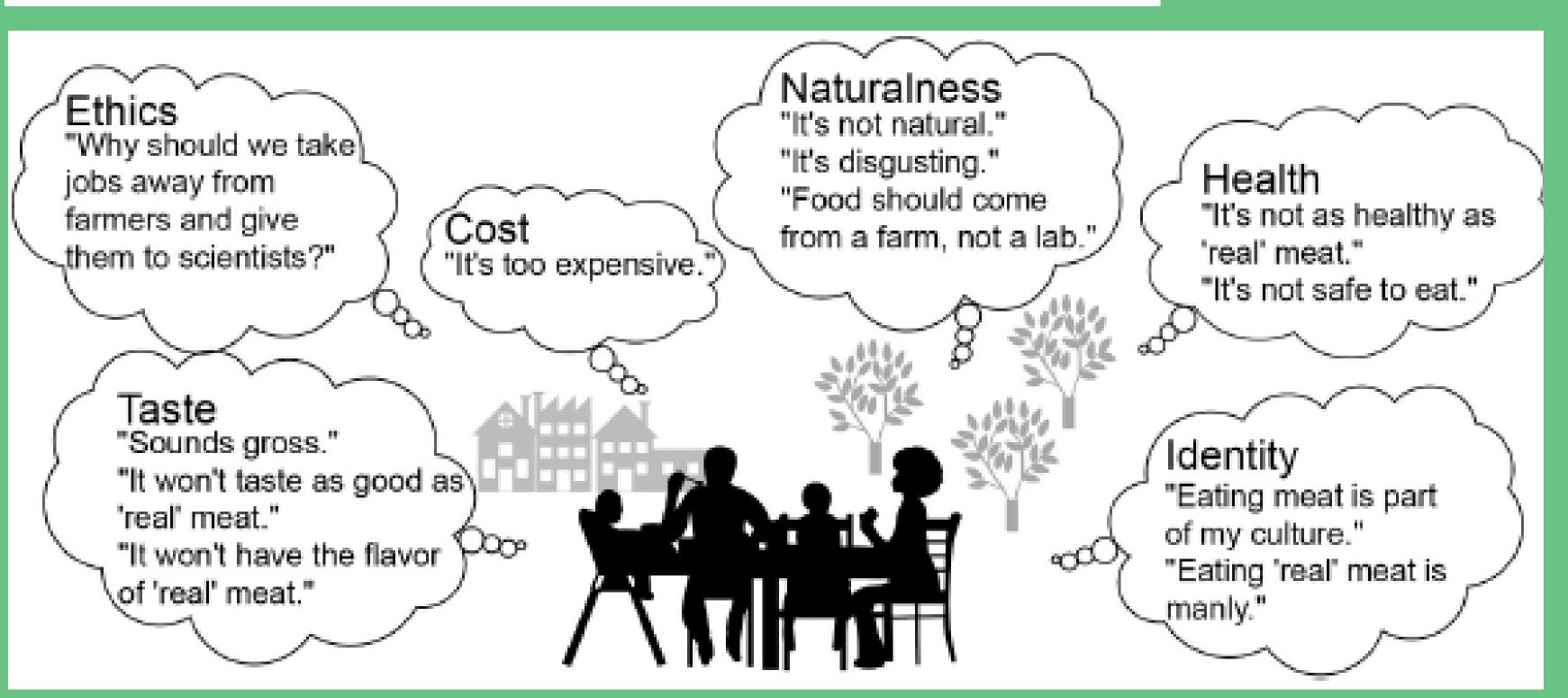


Figure 2. Overview of common consumer perceptions posing barriers to the potential uptake of cultured meats (A.J. Tomiyama et al. 2020)

CONCLUSIONS

- Cultured meat has advantages over traditional protein sources
- The biggest barrier it has is the mindset of consumers
- Cultured meat has a positive future, but negative consumer perceptions must be addressed.