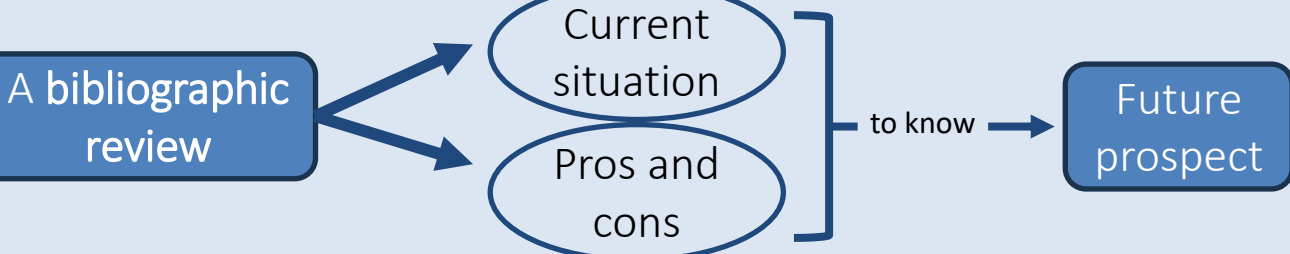


INTRODUCTION

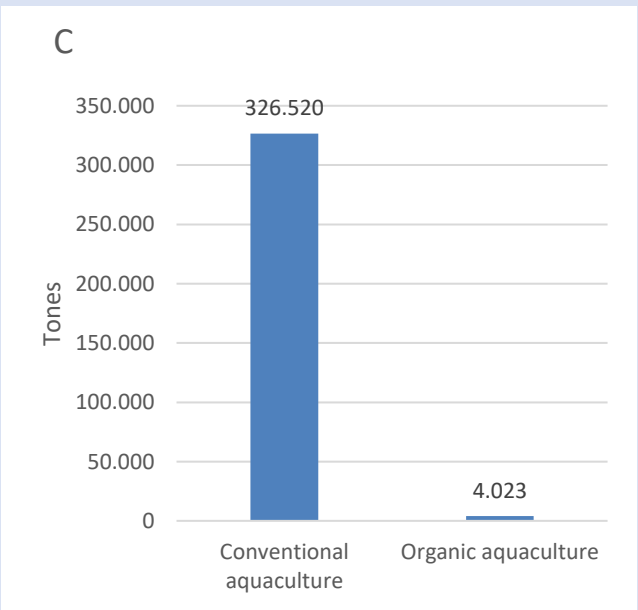
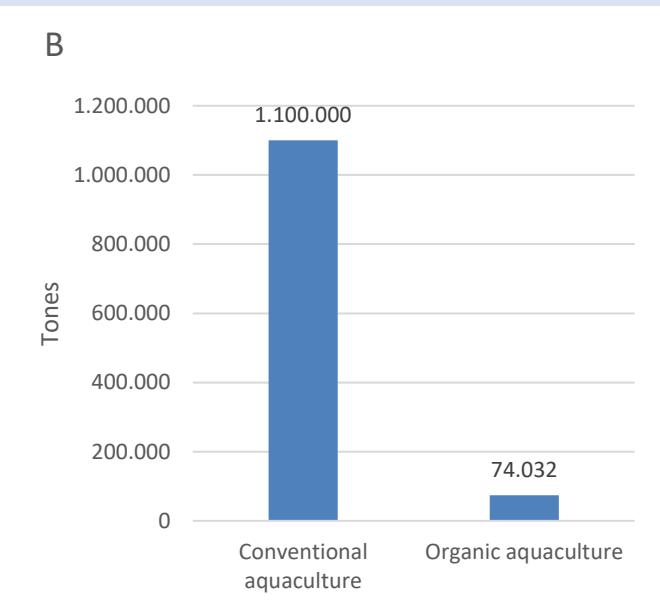
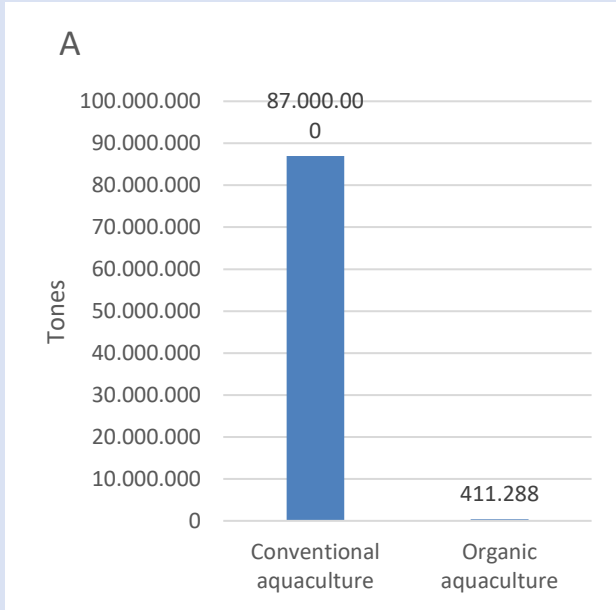
Organic aquaculture is a new and little-known production system that aims to cultivate aquatic organisms ecologically. From the European Union there is an interest in promoting it.

OBJECTIVE

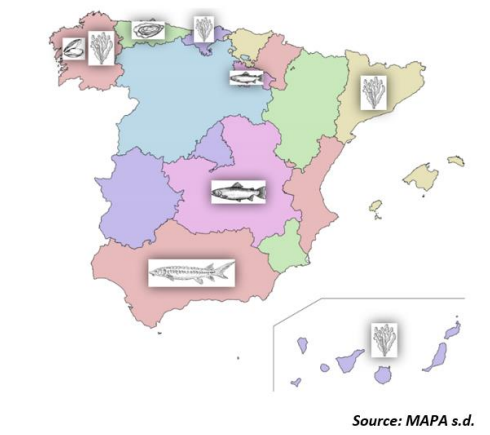


MARKET TRENDS

Comparison of organic and conventional aquaculture production worldwide (A), European (B) and Spanish (C) level (data from 2020 and 2022).

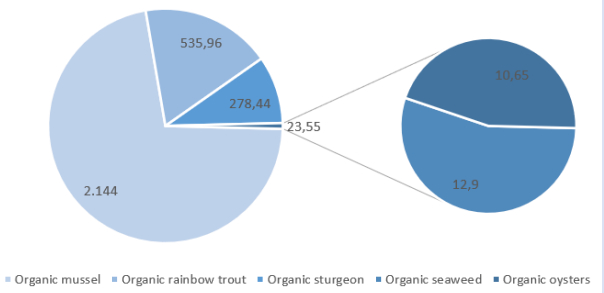


Distribution of organic aquaculture in Spain (2022)



Source: MAPA s.d.

Production of organic aquaculture in Spain (in tons)



Source: MAPA s.d.

Source: MAPA, EUMOFA, FIBL, 2020, 2022.

LEGISLATION

- 2009** Regulation (EC) n°. 710/2009. Application of organic production in seaweed and aquaculture animals.
- 2010** Regulation (EC) n°. 66/2010 Enter ecological labelling.
- 2018** Regulation (EC) n°. 2018/848. Repeal of Regulation (EC) n°. 834/2007.
- 2022** Entry into force of Regulation (EC) n°. 2018/848

LABELLING AND CERTIFICATION

Public certifier



Organic logo
Source: European Commission s.d.

Private certifier



Naturland certification logo



Carrefour Quality Lines (CQL) logo



Safe Quality food (SQF) logo

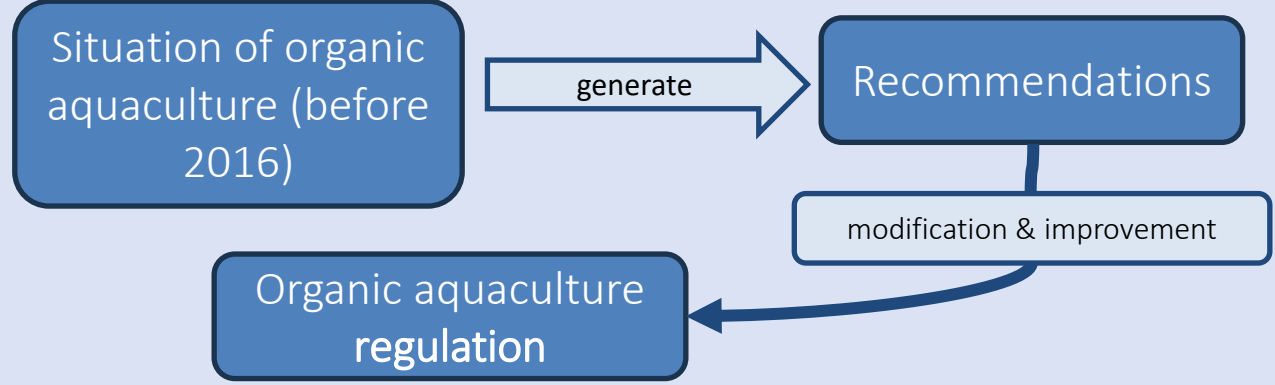


Debio organic certification

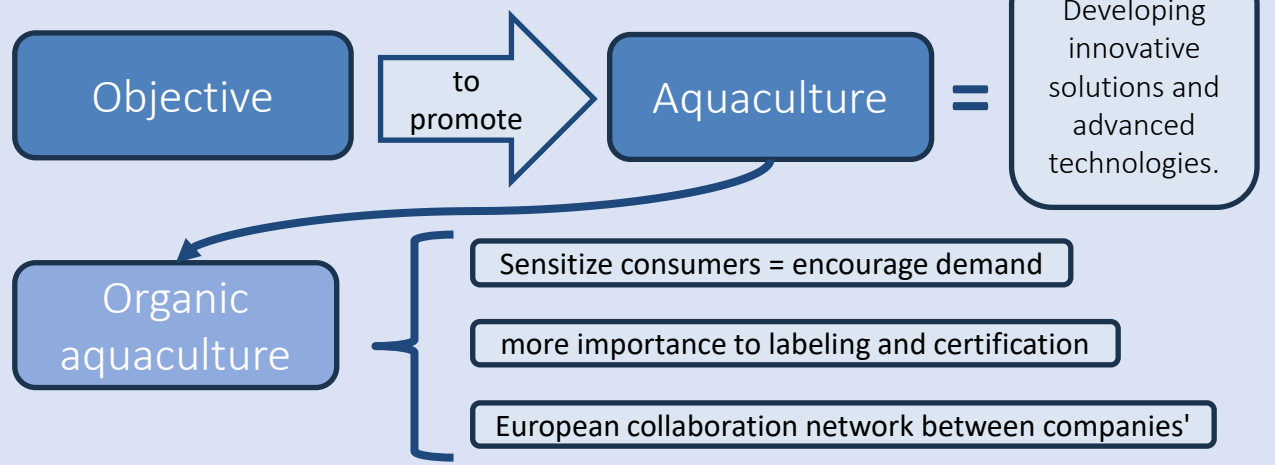
Source: home page <https://debio.no/organic-label-in-the-retail-food-sector/>

PROJECTS

❖ OrAqua EU Project (2014-2016)



❖ Future EU Aqua Project (2020-2023)



DRIVERS AND BOOSTERS

- ↑ Demand from consumers.
- Environmental awareness.
- + adapted legislation.
- Innovation and technology.
- Economic incentives and aid.

BARRIERS AND DIFFICULTIES

- Production costs and financing.
- Geographical and climatic limitations (Spain).
- Regulations and legislation interpretation.
- Lack of knowledge and experience.



CONCLUSIONS

Since the first specific legislation, **Regulation (EC) No. 710/2009**, organic aquaculture has been **evolving** but not in a simple way. The first regulation was very incomplete, fragmented, and difficult to implement and interpret. Thanks to **European projects**, companies and governments, efforts have been made to **improve** the **production** and, at the same time the **legislation**. In Spain, progress is not being made due to the **few business existences**, **high production costs**, and **lack of knowledge** on the part of consumers. Although organic aquaculture is not at its best, it has a **promising future** in the European Union.