



CLUSTER
acuiplus

Aquaculture in Spain

Aquaculture in Spain. Strengths

STRENGTHS

1. High-impact technological associations and platforms.
2. Specialized R&D centers and significant research capacity.
3. High international projection of technological know-how.
4. Suitable climatic conditions.
5. Existence of technological potential for species, products and market diversification.
6. High per capita consumption of aquatic products in Spain

Source: PTEPA



Aquaculture in Spain in 2023 was 266,060 tonnes, 12.2% less than in 2022 and with an estimated first sale value of 750.5 million euros.

In 2022, there were 5,057 aquaculture establishments in production. Of which 4,802 of mollusks and 252 of fish (149 in inland waters, 63 on land and 40 in nurseries).



Source: APROMAR

Aquaculture in Spain. Opportunities

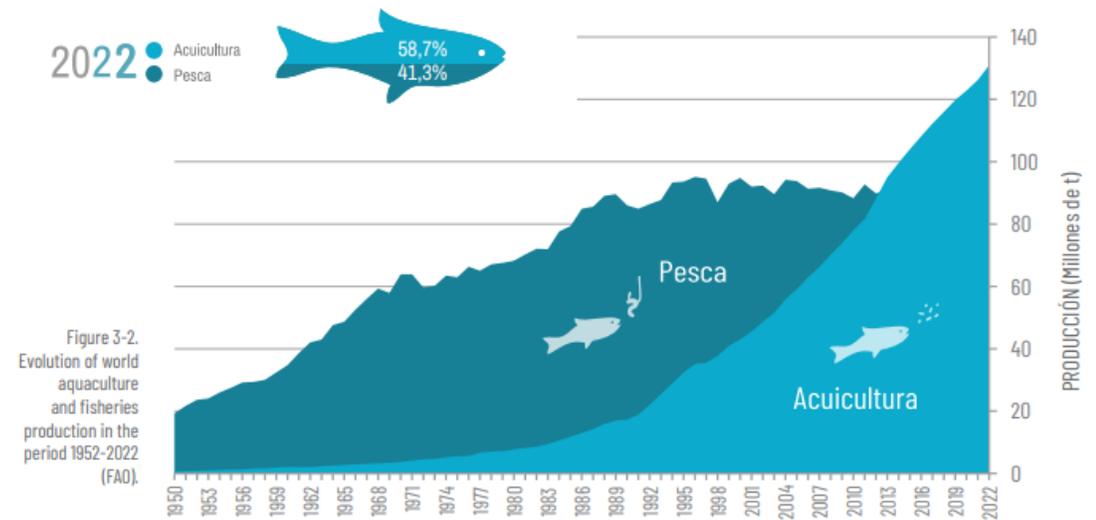


In 2023, 181,000 tonnes of fish feed were used in Spain, 5.8% more than in 2021 with 171,000 tonnes. The amount of aquaculture feed used in Spain barely adds up to 1% of the total livestock feed consumed in this country.

OPPORTUNITIES

1. Emerging and future sector
2. New technologies developed and a large research capacity available
3. Good long-term growth prospects for production
4. Emerging markets
5. Opportunities for funding and advice in R&D
6. Market internationalization

Source: PTEPA



Source: APROMAR

Sustainable growth and global collaboration

- ✓ **Thriving Industry**

Spain's Aquaculture sector is robust and growing steadily.

- ✓ **Geographic Advantage**

Spain's coastal location offers access to diverse aquatic species and markets.

- ✓ **Innovative Technology**

Companies lead in Aquaculture technology, providing solutions in areas like systems, water management and animal health.

- ✓ **Collaborative ecosystem**

Collaboration between research institutions and industry fosters innovation and knowledge transfer.

- ✓ **Opportunities for another countries**

Expertise and technology offer opportunities for improving efficiency and sustainability in Aquaculture.

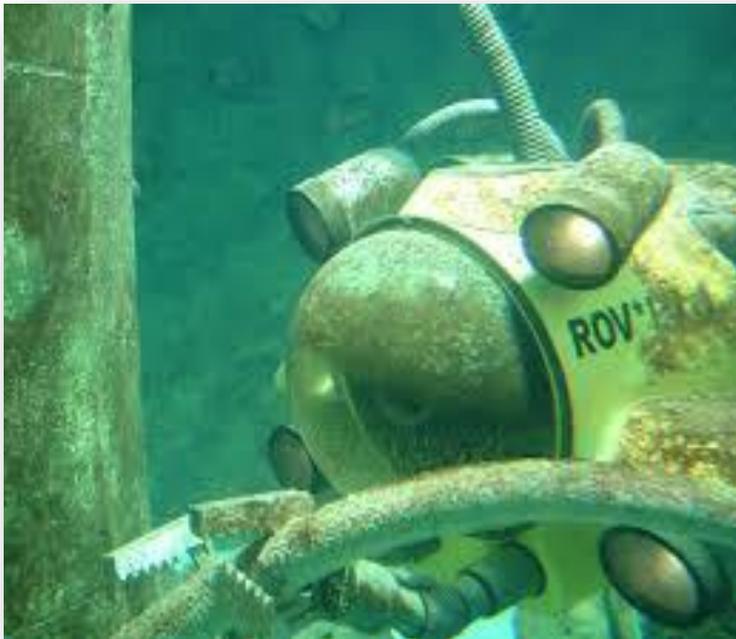
- ✓ **Mutual growth**

Collaboration promises mutual benefits and growth opportunities.

Efficient aquaculture

Robotization

- ✓ Real-time monitoring
- ✓ Stock control
- ✓ Resource optimization



SMARTWATER PLANET
GLOBAL TECHNOLOGY COMPANY FOR AQUACULTURE

More efficient products and equipment

- ✓ **Anti-fouling**
 - Maintenance costs in net changing work are reduced.
 - Repair costs are reduced.
 - The nets' lifespan is increased.
 - Fish stock vital condition quality is improved.
 - The net storage area's quality is improved.



MØRENØT
AQUACULTURE



JJCHICOLINO

Animal welfare and research



A better knowledge of species biology

- Optimization of temperature conditions, oxygenation, etc.
- Design of energy and balanced diets

Minimize the use of antibiotics

- Improvement of innate immunity of individuals
- Search for natural alternatives minor infections

Medication improvement

- Optimization of current vaccines
- Development of digested vaccines
- Development of more sensitive and specific diagnostic tests

IRTA
INVESTIGACIÓN Y TECNOLOGÍA
AGROALIMENTARIA

OC
cenavisa
ANIMAL HEALTH

TecnoVit



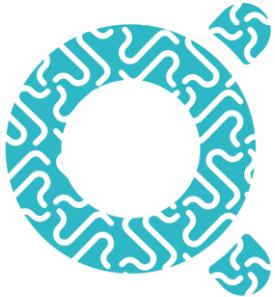
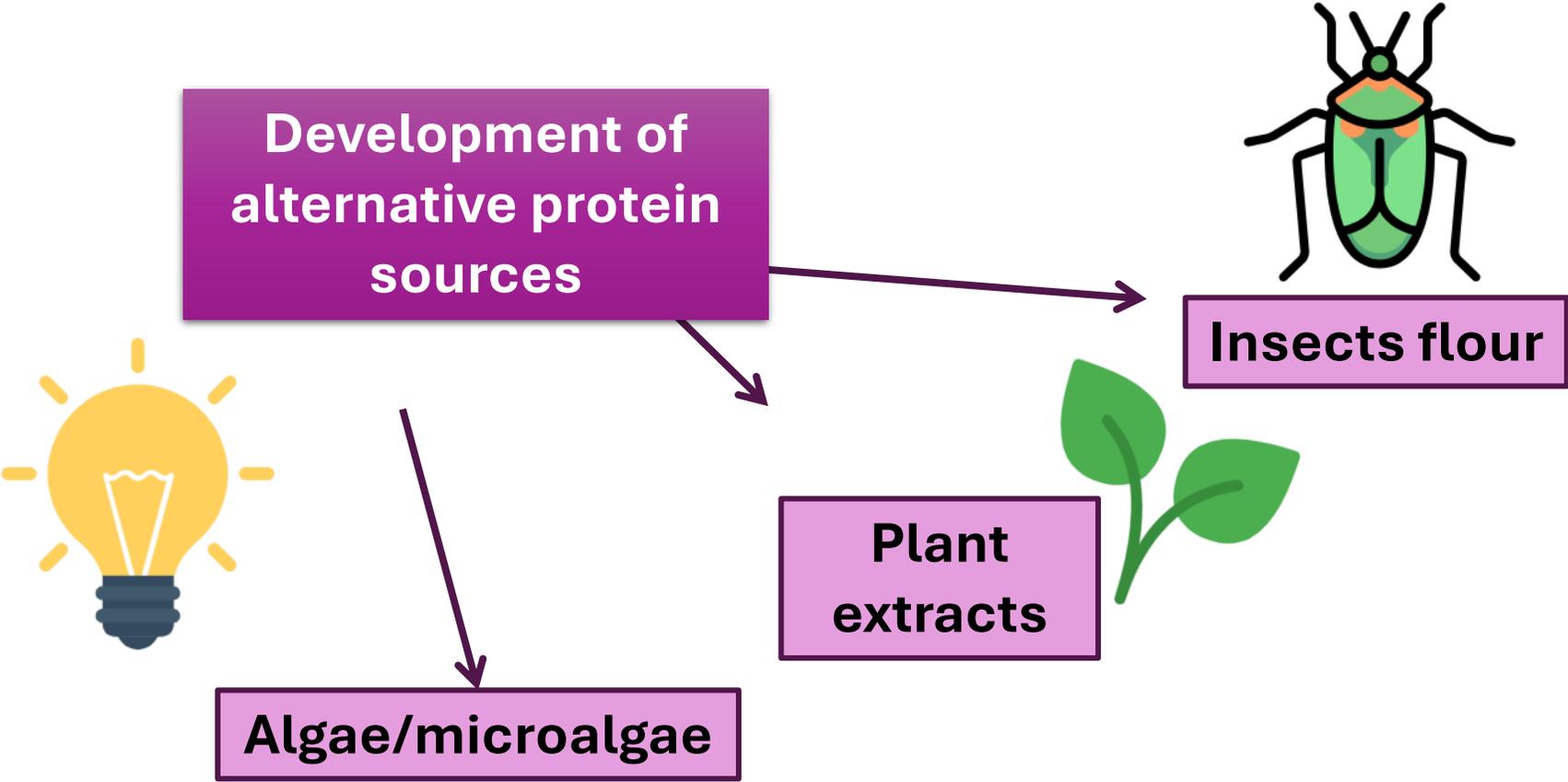
Xarxa Marítima
DE CATALUNYA
BlueNetCat




INNOVAPESCA
ICTAN-CSIC


htba Formulating new standards

Sustainable feeding



TEBRIO

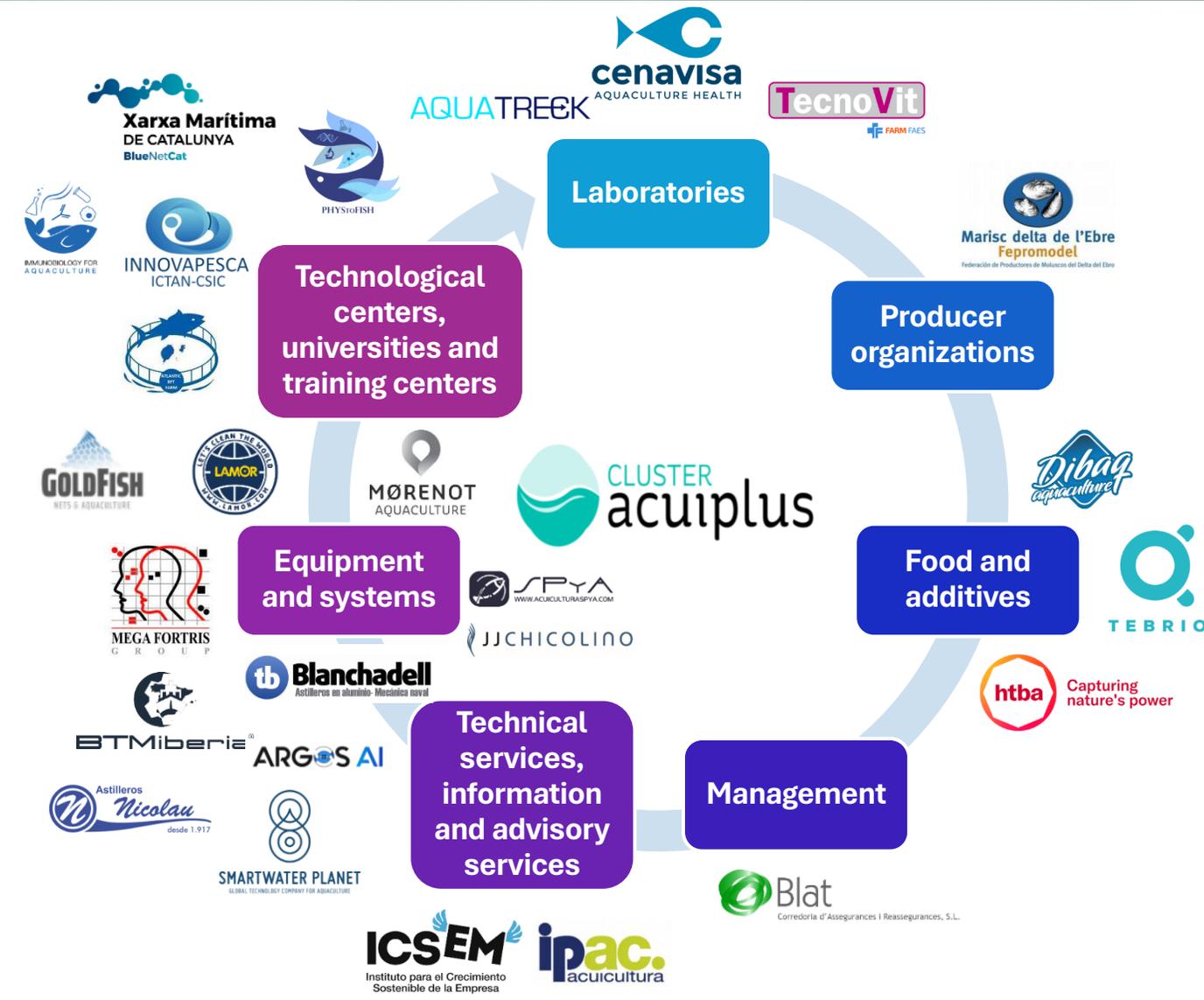
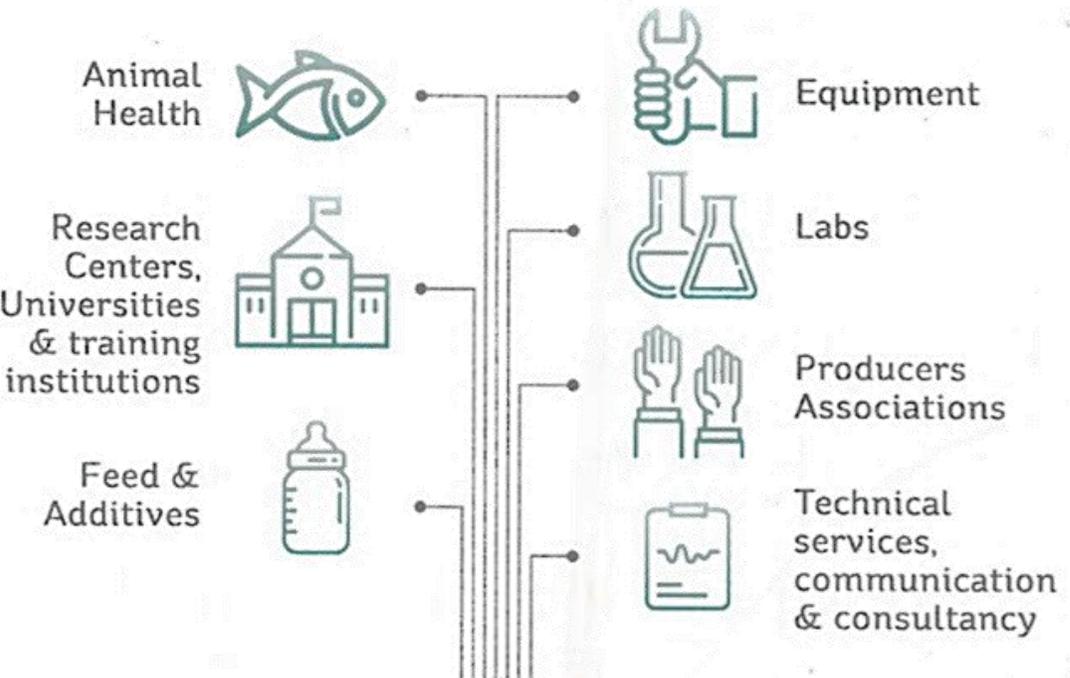
As a Cluster, what do we do?



- 1 We promote collaboration among cluster partners and the environment
- 2 We disseminate the activity of the Aquaculture sector from the perspective of the value chain
- 3 We promote innovation from a sustainability perspective
- 4 We work in the blue economy, blue growth
- 5 We strengthen competitiveness through concrete actions
- 6 We strengthen the capacity for business development
- 7 We accompany corporate responsibility

So...Who we are?

ACUIPLUS is a group of people, companies and entities related to the Aquaculture sector who promotes competitiveness and sustainability of the Aquaculture value chain.





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