

FEATURE STORY | NOVEMBER 20, 2024

Argentina: The food of the future is cultivated in the sea



Sea fish farm in Argentina.

World-renowned for its onshore food production, Argentina is poised to take all its expertise from land to sea and inland waters – and become a global leader in aquaculture.

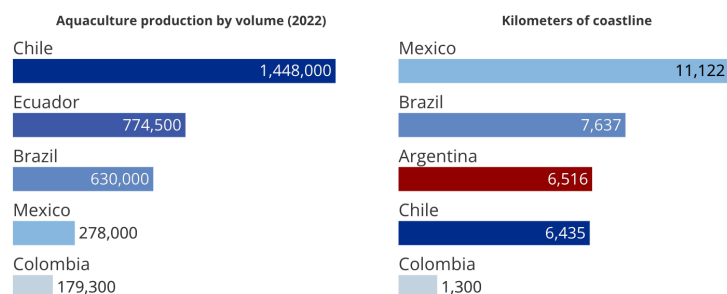
A World Bank analysis of the value chains of pacú, rainbow trout and mussel shows these species could become pillars of a new blue economy, generating jobs, healthy food and foreign exchange.

Although Argentine aquaculture is growing and produced a record of more than 6 thousand tons of feed in 2022, it has not yet reached the level of other countries with similar natural conditions.

Supported by [PROBLUE](#), a multi-donor trust fund administered by the World Bank, the study pinpointed strategies to help Argentina fully leverage its marine potential.

Chile, Ecuador, and Brazil dominate aquaculture production in the region, while **Argentina**, despite its extensive coastline, contributes only 0.13% of the total volume.

Top five aquaculture producing countries in Latin America and Argentina



Strategies for competitive, innovative and responsible aquaculture

Argentina has 6,500 km of coastline and 40,000 km² of inland waters, but beyond that natural capital, its greatest potential for implementing environmentally friendly farming systems comes from human advantages:

- **Abundance of raw materials from Argentina's agricultural production.** Aquaculture is the most efficient way to transform plant protein generated by agriculture into animal proteins of high biological and commercial value. Argentina has enough raw materials to avoid relying on imported inputs.
- **Legal framework, existing infrastructure.** A law (Law 27.231) and a national program (PRONADAC) for the development of the aquaculture sector lay the foundations for orderly and sustainable growth. Existing processing plants and communications network facilitate production and commercialization.
- **Knowledge.** Its experience in the production of species such as trout and pacú, and the scientific support embodied in networks such as REFACUA, allow the country to promote innovation and the search for solutions adapted to local conditions.

To realize this potential, it's necessary to:

Invest in research and development: Encourage research into new farming technologies and practices to optimize production and reduce environmental impact.

Promote small-scale aquaculture: Support small-scale producers to ensure equitable distribution of the benefits of this activity.

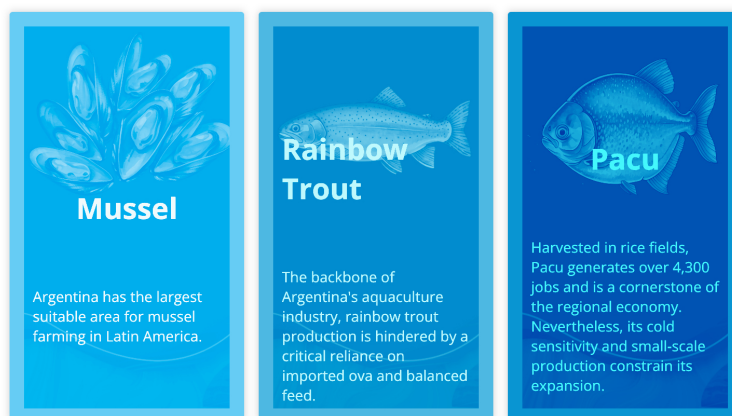
Strengthen public-private collaboration: Foster collaboration between government, business, and local communities to drive sector development.

Three Species, Three Challenges

The Program "Supporting the Sustainable Development of Argentine Aquaculture, its Coastal Fisheries and the Blue Economy" analyzed the value chains of the main species of Argentine aquaculture and identified technological challenges for each.

What are the main challenges and opportunities for pacú, rainbow trout and mussels?

Flip each card to find out



By leveraging its natural resources, experience in large-scale production, and commitment to sustainability, the country can contribute to ensuring global food security and protecting the oceans for future generations.

RELATED

- [PROBLUE](#)
- [A New Growth Horizon for Argentina](#)
- [Reimagining Argentina's agriculture sector](#)

Blogs

SURBHI GOYAL | MAR 15, 2024

India: unlocking the potential of floating solar power

GEORGINA MARIN, MINITA VARGHESE, AMBROSE WONG | MAR 15, 2024

Cash vs Digital: How do digital government-to-person payments ease the lives of recipients?

ASMEEN KHAN, SIBONGILE MAZIBUKO | MAR 15, 2024

Heat mapping by citizen scientists points the way to a cooler future

NGAO MUBANGA, VALERIE HICKEY | MAR 15, 2024

The forest economy: Supporting economic inclusion of rural communities in Zambia

WHAT'S NEW

PRESS RELEASE | DEC 08, 2025

Myanmar's Economy Shows Moderate Signs of Recovery Amid Earthquake and Conflict Impacts

PRESS RELEASE | DEC 06, 2025

Gavi and World Bank Group Deepen Collaboration to Boost Health System Resilience and Regional Vaccine Manufacturing

PRESS RELEASE | DEC 06, 2025

Progress Toward 1.5 Billion Health Care Goal Advances as Countries Adopt National Health Compacts

PRESS RELEASE | DEC 06, 2025

World Bank Group and the Global Fund Join Forces to Strengthen Health Systems and Expand Sustainable Health Financing



WORLD BANK GROUP

IBRD IDA IFC MIGA ICSID



Who we are

News

Careers

Contact

Countries

Topics

Project and Operations

Research and Publications

Events

Data

Knowledge Academy

Results Scorecard

STAY CURRENT WITH
OUR LATEST DATA &
INSIGHTS

Sign Up

