



# YOUR GUIDE TO FUTURE-PROOFING A SEAFOOD COLD CHAIN

**Reliable Cold Storage**  
and Optimized Logistics



To secure the safest seafood cold chain, take a fresh look at your cold storage partners. The right combination of support services can ensure the most efficient and safest delivery to market.

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# TOP CHALLENGES CONFRONTING THE SEAFOOD INDUSTRY

These are tumultuous times, as the landscape of the seafood industry is changing rapidly. With this volatility, are you prepared for a stable and successful future?

Covid-19 transformed how consumers live, including how they shop and eat, shifting consumption patterns and supply chain logistics dramatically.

“ The global aquaculture market is expected to grow at a CAGR (compound annual growth rate) of 4.5% between now and 2030, reaching a value of \$416.89 billion by 2030.<sup>1</sup> ”

<sup>1</sup> <https://essfeed.com/aquacultures-continued-boom/>

The combination of market changes, including aquaculture advances, as well as inflated costs, devastating weather events, and global conflicts — are creating **uncertainty**, which drives **instability** in the food supply chain and the economy.

**Further complications facing seafood fishers & farmers, producers, distributors, and retailers include:**



Cold-storage capacity limits



Drayage costs and timely access when needed



Too many touches  
(complex and costly logistics)



Compliance with storage and transportation regulations



Increased need for services such as blast freezing, packing, and consolidation options



Different storage temperature requirements for different items or stages of production



Varying shelf life for different products



Import/export administration, inspections, and documentation

In fact, supply chain logistics have never been more complex. Without reliable solutions, the risks are potentially devastating.

But you don't have to navigate the complexities and the continuous changes alone. Partners can help create more stability and success!



Industry challenges can be distilled into four categories:

- **Consumption Changes**
- **Production Trends**
- **Global Threats**
- **Market Changes**

Americold is at the forefront of solving the top challenges and complexities of the **Seafood Cold-Chain**. Americold's Solutions support a **Safe, Secure, and Sustainable Seafood Supply Chain**.

## CONSUMPTION CHANGES

- Population growth (projected to hit 9.8 billion people by 2050) is expanding both consumption and demand.<sup>2</sup>
- 3.3 billion people around the globe rely on safe fish as their primary source of protein.<sup>3</sup>
- Consumption continues to grow, with more people moving away from red meat to seafood as a healthier and more sustainable protein source.
- If there is no shift in fishery management practices, 11% of the world's population will be vulnerable to micronutrient deficiencies by 2050.<sup>2</sup>

**Americold Solution** | **240+ facilities (and growing) around the globe, including port facilities, consolidation options, integrated transportation with drayage and heavyweight corridors, and value-added services. This also includes retail preparations to get the products to market safely and efficiently.**

## CATCH/PRODUCTION TRENDS

- Seven countries lead the global fisheries production: China, Indonesia, Peru, the USA, Russia, India, and Vietnam. These countries account for an estimated 50 percent of total marine fisheries production.<sup>4</sup>
- While some geographical fishing activity is declining (China, Europe, Argentina, India), activity in other areas (US Gulf & Atlantic Coast, NW Africa) is growing to meet overall market demand.<sup>5</sup>
- According to FMI (Future Market Insights), the seafood market in the US alone will be valued at USD 28.5 billion for 2022, accounting for around 25.9 percent of the world's seafood market.<sup>6</sup>
- Aquaculture has the potential to help meet the growing demand for seafood and add stability to the domestic seafood supply chain.

**Americold Solution** | **Americold offers: farm/fishery attached or nearby production facilities, drayage support, flexible cold storage options with capacity, and support services such as blast freezing, packing, labeling, and tempering to maximize time in storage.**

2 <https://www.shapingtomorrow.com/home/alert/6201828-Future-of-Seafood>

3, 4 <https://oursharedseas.com/threats/threats-unsustainable-fishing-and-farming/>

5 <https://globalfishingwatch.org/data/covid-19-brings-unmatched-downturn-in-global-fishing-activity/>

6 <https://www.fmiblog.com/>

## GLOBAL THREATS

- Crisis-level weather events threaten global coastlines across multiple seasons.
- Military conflicts disrupt the supply chain and the economy.
- Overfishing practices used to meet demand and hit profit goals, often threaten the sustainability of fish populations.
- Illness in the human population (like the Covid-19 pandemic) and in the food supply chain.

**Americold Solution** | **120-year history of learning and building processes and risk mitigation.**

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## MARKET CHANGES

- There is a growing industry focus on the intersection of equity, fisheries health, and fisher well-being.
- Aquaculture has seen a larger growth rate recently compared to marine wild capture fisheries.
- The industry's success relies on sustainability—thus, the need for higher regulation of threats like overfishing and other unsustainable fishing practices.
- According to the Environmental Defense Fund, the SEAfood Act will:<sup>7</sup>
  - Cultivate a fair and inclusive seafood economy for both farmed and wild fish;
  - Result in increased permitting, monitoring, and regulations—aimed at building a safe, equitable, and sustainable seafood industry;
  - Pave the way for long-term seafood sustainability via educational programs and grant support as a pipeline for industry leaders.

**Americold Solution** | **Your Global Partner is constantly and proactively monitoring the entire food supply chain.**

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<sup>7</sup> <https://essfeed.com/the-seafood-act-the-future-of-the-us-seafood-industry/>



# AMERICOLD'S RELIABLE AND FLEXIBLE COLD STORAGE CAPACITY

Americold has an unmatched network of temperature-controlled facilities to support your seafood operations' growth.

## Features of the vast infrastructure include:

- 240+ (and growing!) temperature-controlled warehouses, with many in close proximity to the world's largest seaports
- Approximately 1.5 Billion refrigerated cubic feet of storage in North America, Europe, Asia-Pacific, and South America
- US Port Facilities on both USA coasts and the Gulf with access to existing and new markets
- Import/export support services at the facilities
- Facilities with processing and value-added services convenient to cold storage locations
- Facilities along transportation routes to streamline the entire supply chain
- Densification of product to maximize warehouse space



# INTEGRATED TRANSPORTATION SUPPORT, INCLUDING DRAYAGE & HEAVYWEIGHT CORRIDORS

Americold has solutions that meet you as soon as you arrive at the port with product. We know how critical that first mile is—it sets the stage for the miles to come, all the way to the shelf or plate. We also can accommodate drayage loads moving point-to-point (port, yard, warehouse, rail) before the final destination.

- Drayage support is fully integrated into Americold's transportation solutions
- Integrated Heavyweight Corridors at port facilities (with no permit required)
- Consolidation options include:
  - Regional
  - National
  - Truckload
  - Multi-Vendor
  - Dedicated Fleet
- Processing in close proximity to port facilities or can transport for availability to another location - to be closer to end destination



# DID YOU KNOW?

- Over one-quarter of the total container trade in North America travels through the ports of Long Beach and Los Angeles.
- Annual trade movement at the Long Beach Port alone is valued at \$194 billion annually.



## Americold Ports:

- Long Beach
- Houston
- Seattle
- NJ/Philly
- Savannah
- Tampa





# INTEGRATED SUPPORT SERVICES FOR EVERY STAGE OF PRODUCTION

Value-added services save time and money while product is in storage. This is one way to optimize the supply chain and minimize both moves and touches. Explore the long list of value-added services across Americold's vast facility network including:

- Efficient & Convenient Port Support—Customs, Inspections, Paperwork
- Blast-Freezing
- Cartonizing/Bagging
- Labeling & Repacking
- Tempering
- Retail Display Prep



# KEEPING PACE WITH THE FUTURE OF OPTIMIZED SUPPLY CHAIN LOGISTICS

## AMERICOLD IS LOOKING AHEAD—FAR AHEAD.

We understand the landscape of the seafood industry is changing. The entire food and beverage supply chain is shifting, with dramatic new demands and opportunities.

We are constantly anticipating industry alterations, adding locations, and support services to create an efficient point-to-point cold-chain, for safety and delivery-in-full.

Here are a few future-proofing activities we do, so you can stay focused on the seafood:

- Monitor & adapt to changing compliance and regulatory requirements
- Build Automation into existing operations as well as new specialized facilities
- Expand into locations convenient to where industry expansion is happening

# TIMELY EXPANSION AND GROWTH POTENTIAL

Americold's future plans include:

- Building additional facilities in the East—in Connecticut and/or Pennsylvania—to serve Eastern port customers.
- Upgrading or expanding the facilities and support services network around existing operations.
- Building additional port facilities, including Houston to serve Central & South America and Africa.



# ABOUT AMERICOLD

Seafood is an essential component in the global food supply chain, deserving world-class support and service. With more than 240 facilities, integrated transportation, and an expanding network of value-added services, Americold is the top choice to partner with for reliable success. We are here to provide the cold storage solutions and optimized logistics you need from your supply chain services provider.

## READY TO MEET YOUR CHALLENGES WITH AMERICOLD'S INNOVATIVE SOLUTIONS?

Talk to a Cold-Chain Expert. We are ready to listen and help you find effective solutions to your safest and most successful seafood supply chain.

Find a Facility

Get a Quote

Meet with  
an Expert

SCHEDULE



A SESSION





## About Americold

Americold offers comprehensive warehousing, transportation, and logistics solutions for the food and beverage supply chain worldwide. We are dedicated to maintaining the integrity of the cold food supply chain and providing best-in-class service to our customers. We help our customers feed the world.

## Connect with Us

### Corporate Headquarters:

10 Glenlake Parkway, Suite 600, South Tower, Atlanta, GA 30328

### Website:

[www.americold.com](http://www.americold.com)

### Sales Inquiries and general information:

[marketing@americold.com](mailto:marketing@americold.com)

[Request a Quote](#)

[Email Us](#)