Directions for Improving the Efficiency of Production Resources in Fisheries

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ABSTRACT

This article provides a series of analyzes of the role of fisheries in the national economy, the importance of its products, the efficiency of the use of production resources, and how to organize and develop this industry.

KEYWORDS: *Fishery, industry, resource, pool, fish, method, development.*

INTRODUCTION

In order to preserve natural fish stocks and ensure the growth of the fishing industry, each country strives to develop using the opportunities available to it.

The development of fisheries is becoming a topical issue not only in our country, but also around the world.

Today, the growing demand of the population for natural food products and industrial enterprises for natural agricultural products in the first place, which is of concern to the world economy, implies the solution of several tasks. Including fishing:

- radical reorganization of fishery production and increase their efficiency;
- creation of fish species suitable for local climatic conditions of fisheries;
- finding ways to improve the efficiency of farm management;
- increase the number of small processing enterprises to provide the population with quality fish products and thereby develop fisheries;
- Reorganization of processing and storage enterprises.

Satisfaction of consumer demand for food further increase in demand for fish products indicates the need for further deepening of reforms in the fisheries sector [1].

MATERIALS AND METHODS

In the first years of independence, great work has been done in the development of the economy of our country, and this continues in the period of modernization of the current economy. Only the creation of a legal framework for agricultural development serves as a source of income growth in fisheries [2].

It is no secret that processing, storage can further increase the income, as it is not possible to get a high income by growing products only on demand today. The development of this process in our country from year to year allows to improve the economy and increase incomes (Table 1).

Table 1 the volume of processed and frozen fish products in the country for 2017-2019[3]

Region	2017		2018		2019	
	Processing (tons)	Frozen (tons)	Processing (tons)	Frozen (tons)	Processing (tons)	Frozen (tons)
Karakalpakstan Republic	700	200	800	300	900	350

At the same time, it can be seen that the storage of products has a positive effect on economic activity, as processed products lead to a significant increase in economic performance rather than finished products.

At the same time, the establishment and establishment of feed mills through the storage and processing of fish products is also a key issue (Table 2).

Today, the number of enterprises producing compound feed in the country is 97, with a total production capacity of 657.7 tons of compound feed. This figure means that existing fish farms are not able to adequately meet the demand for this product, feed is purchased from abroad at a high price, and requires further development of the industry.

In this regard, the presence of large fishing clusters in each region for the processing, storage of fish products, radical modernization of the industry will allow to positively address the above problems.

In order to further increase the efficiency of fisheries, the necessary measures have been developed in our country to establish fish clusters in 2019-2021. This allows for the interconnection of full-cycle incubator activities, the complete process of fish and spawning, production of protein-rich feed for fish, fish processing and storage of fish products.

The establishment of clusters in fisheries will allow the farm to establish an industrial network, not only with fish farming. The establishment of fishing clusters provides for the simultaneous development of industry, breeding, veterinary, processing, along with the industry.

Table 2 Analytical data on the number of enterprises producing fish feed in the regions of the country and production volumes for 2017-2019 [3].

Region	Food enterprises available in 2017		Food enterprises available in 2018		Food enterprises available in 2019	
	quantity	power (thousand tons)	quantity	power (thousand tons)	quantity	power (thousand tons)
Karakalpakstan Republic	4	22,5	1	2,5	5	29,0

Implementation of fishing clusters across the country will provide the population with quality fish products. The environment, opportunities and conditions for cluster implementation should be explored.

In the context of modernization of the economy, specific aspects of the market, in particular, the large number of producers and consumers, the integral dependence of fisheries on natural resources, the rapid deterioration of products, the difficulty of storage and transportation. These features have an impact on the formation of fishing clusters.

All participants of the sub-cluster of fisheries interact with each other through organizational and economic mechanisms, forming the socio-economic infrastructure, taking into account the general nature, which also includes their activities.

Development of high-level storage and processing of products on the basis of new modern

technologies and increase of production of fish products suitable for export in world markets, promotion and dissemination of modern technologies and practices for profit, processing of fish products, storage of products identified as the main directions of modernization. These measures are recognized as a key factor in providing the population with fish products, increasing farm incomes and material well-being in the context of economic liberalization.

Table 3 Sub-cluster structure of fisheries

Subjects of production infrastructure	Subjects of fish farming	Market infrastructure entities	Consumers
Technical means	Agrofarms	Banks	Population
supply organizations	Farms	Information Support and Consulting Office	Food Holding
Water use	Farmers	Agrofirms that supply products to the domestic market	Cannedfish organizations
Seeds	limited liability company	Wholesale and retail system	Catering establishments
Transportation Service Center		Exporter	Foreign consumers
Demand and supply balance			

The following are a number of examples from around the world that are relevant to the organization and development of this industry.

a) Cultivation of products based on the system "Aquatic plant-fish integration". Depending on the number of herbivorous fish in a particular watershed, the aquatic plants they consume — azoles, aquatic hyacinths, and pistachios — were bred. As a result of using this technology, it has been tested in practice that one hectare of water can grow up to 18-20 quintals of fish.

b) Fish farming in rice-growing areas.

   Fish has been grown for many years for the integrated use of rice. Rice farming is widespread in Southeast Asia and was the first to be practiced. Carp segolets have been planted on rice paddies, reducing weeds in the paddy fields. In addition, carp digs 10-15 cm into the ground, which contributes to the development of rice.

c) Fish and duck ponds.

   One of the ways to use water in a complex way is to raise waterfowl and ducks together with fish. It is practical and economical to use this method in accordance with the rules of fish farming, that is, to establish additional duck breeding. This will provide the population with quality duck meat. As a result, feeding fish and ducks together is much more productive than feeding them alone.

CONCLUSION

We need to increase the number of processing enterprises to meet the interests of fisheries through analysis, create opportunities to export products not to the domestic market, but to foreign countries, and increase the economic literacy of farm managers in the industry.

To solve these tasks, it is advisable to do the following:

- The organization of special services that provide fisheries with legal, economic and marketing information, training them in modern rules and methods of management;
- Further revitalization of permanent systems for advanced training and vocational training of

heads of fisheries on advanced agrotechnology and agricultural economics;

- In order to meet the interests of fisheries, to create conditions for the sale of their products and to accelerate the work on equipping fisheries with modern commercial equipment and warehouses, terminals;
- Achieving an increase in economic performance in fisheries;
- search for ways to develop both intensive and extensive fisheries development;
- as well as the organization of processing on the basis of fisheries;
- domestic and foreign investment in the development of fisheries and increase incomes;
- development of infrastructure in the structure of fisheries;
- It is expedient to increase the issuance of microcredits for the development of fisheries.

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