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## "Modern Ways of Development of the Food Industry in the Republic of Karakalpakstan"

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### ABSTRACT

Undoubtedly, the food business is undergoing a dynamic transformation as a result of its ongoing expansion in an effort to meet demand and address major issues brought on by the constantly expanding supply of food, both in terms of quantity and quality. In this regard, it is essential to assess technical developments and trends that will alter how the public views the food sector, emphasizing the most recent needs for equipment functionality. This article looks closely at the state of the food business and, in particular, analyzes how contemporary methods are being used to produce food in the Republic of Karakalpakstan.

### Keywords:

Food industry; Karakalpakstan; modern methods; development

The economy of Karakalpakstan has a critical importance for the food industry. Its importance is indicated by the fact that this industry's customers are citizens of the nation who receive essential goods from the food sector regardless of imports. Therefore, from a scientific and practical perspective, it is interesting to look at how the sector is now developing as well as its trends, issues, and future potential.

It is crucial for businesses in the food sector to boost the competitiveness of their products, which requires them to continuously enhance their production's technical and technological foundation. The intricacies of the industry's final product dictate the ongoing interest of the government, which oversees adherence to the rules and regulations governing food quality and safety [3:51- 57].

The expansion of production capacity, their modernisation, and the creation of new businesses, while taking locational variables into consideration, are how the food sector, one

of the growth areas of the Karakalpak economy, develops. Both the number of new initiatives in the food business and the quantity of investments that offer financing for these operations have remained consistent or increased over the previous several years. [5:53]

We develop the following key prospects for the sector's future on the basis of research into current trends in the food industry and difficulties found there:

- the management of operations according to the "full production chains" developed while accounting for both technological and financial factors;
- starting the process of luring international and Karakalpak investors towards food production;
- the expansion of the food industry's workforce potential;
- the development of new manufacturing facilities and the global reconstruction of

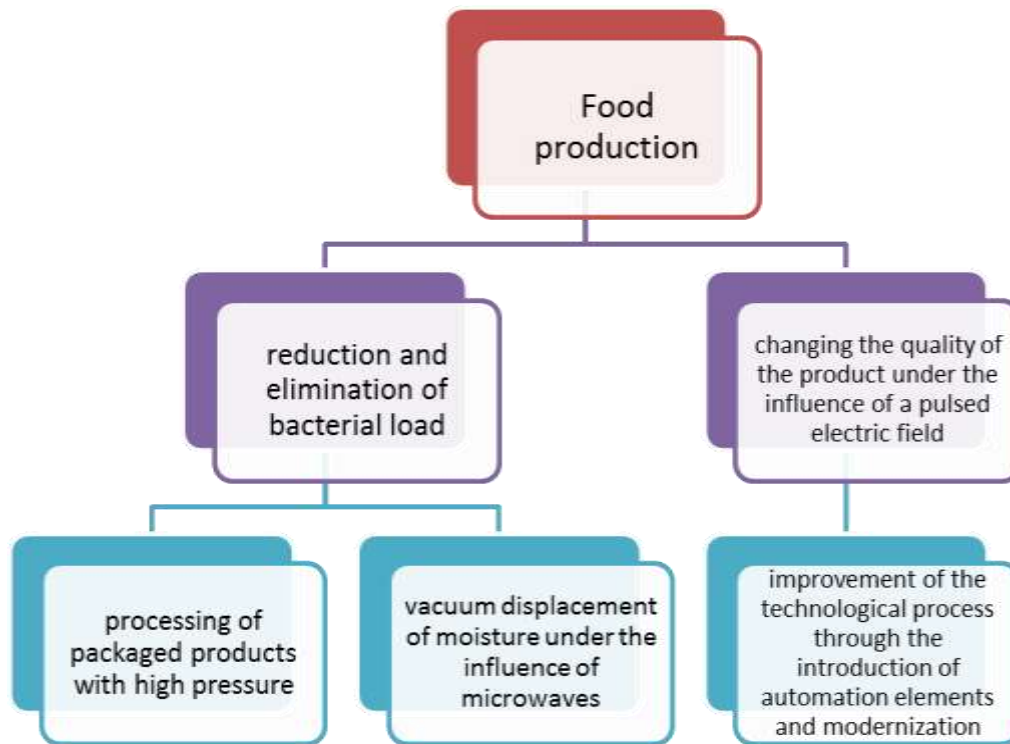
existing ones with an emphasis on the global scale;

raising the sales of wholesome food products via enhancing marketing tactics;

- providing consumers with trustworthy information about the technological aspects of product manufacture, the chemical makeup of products, and the timing and details of their

storage prior to the customer's visit to the store. [4: 170-181]

Through innovations, whose active application is made possible by the current state of scientific and technological advancement, the factors restricting the development of the food business are drastically altered.



The new pathways shown in the figure were created as alternatives to conventional extraction techniques because they enable the recovery of a greater number of biologically active compounds of interest, the use of shorter extraction times (hours are reduced to seconds), and the improvement of extract quality at a lower cost. chemicals that are difficult to get using standard procedures are processed or extracted [2:1137-1150]. The benefit of these techniques is that they are effective and environmentally benign because they use fewer solvents and resources, need less time for extraction, and are easier than traditional techniques. Additionally, degradation of thermolabile chemicals is reduced. [1: 99-102].

Conclusion. As a result, the Republic food industry of Karakalpakstan is extremely important to the country's economy and

quality of life. Food and manufacturing businesses in the regions of Karakalpakstan contribute significantly to the growth of the nation's economy and offer wholesome food to the populace thanks to a smart business approach.

The findings of the critical analysis suggested that new techniques might have a positive impact on the growth of the food business. techniques for overcoming and getting rid of connected mistakes that happen during food production. As a conclusion, it also offers fresh perspective on the difficulties and potential innovations in food growth via contemporary paths.

### Bibliography

1. Александрова, Е. Н. Обзор современных проблем и тенденций развития отрасли пищевой

- промышленности / Е. Н. Александрова, Р. И. Сташ // Экономика устойчивого развития. – 2018. – № 4 (36). – С. 99–102.
2. Андреева Т.В., Курлыкова А.В. Подходы, методы и инструментальные средства к управлению ценностной цепочкой продукта пищевой промышленности на микро- и мезоуровне // Экономика, предпринимательство и право. – 2020. – Том 10. – № 4. – С. 1137-1150.
3. Карлова, Е. В. Перспективные направления производства побочной продукции сахарной промышленности / Е. В. Карлова, А. В. Полянин // Вестник Орловского государственного аграрного университета. – 2012. – № 5 (38). – С. 51–53.
4. Павлова, А. В. Повышение конкурентоспособности предприятий пищевой промышленности: кластерный подход / А. В. Павлова, О. С. Капнинова, А. В. Полянин // Естественно-гуманитарные исследования. – 2020. – № 31 (5). – С. 170–181.
5. Пищевая промышленность. Аналитическая справка 2022 // ВНИИ труда, 2019. – 94 с.