



MINISTRY OF EDUCATION AND SCIENCE OF  
THE REPUBLIC OF KAZAKHSTAN



# UPGRADING OF AGRICULTURAL COMPLEX OF KAZAKHSTAN – CONDITIONS AND ITS SUCCESSFUL DEVELOPMENT



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” Agro-industrial complex of the country is focused on exports and provides a dynamic level of production, which greatly exceeds the demand of the domestic market

”In the global index of competitiveness Kazakhstan takes the 51th place



# STRENGTHENING OF INTERRELATIONS WITH THE REAL SECTOR OF ECONOMY, PAIID



**There comes the time when the scientists, researchers and the scientific workers have to make the most significant contribution for the development of Kazakhstan**

*The President of The Republic of Kazakhstan  
Nazarbayev N.A.*

*From His speech at the Scientific Forum*

## **New mechanisms:**

- 1. The development of a new branch program "Agribusiness – 2020."**



**There were approved 5 new priorities :**

1. Power engineering
2. Deep recycling of raw materials and products
3. Information and telecommunication technologies
4. Life Sciences
5. Intellectual potential of the country



## V Astana Economic Forum

### *G-Global principles:*

- 1. Evolution instead of revolution*
- 2. Justice, equality and consensus*
- 3. Global tolerance*
- 4. Global transparency*
- 5. Constructive multilateralism*



# REPUBLIC OF KAZAKHSTAN

**Kazakhstan is the 9<sup>th</sup> largest country in the world. It's territory is**

**2,725 million km<sup>2</sup>;**

**The sown areas in the country takes more than 25 million hectares, 77% of which is given for the permanent crops;**

**Kazakhstan is the world leader of the production of wheat and wheat flour;**

**The volume of gross agricultural and industrial production shows the steady upward trend. Over the last 5 years the growth rate of agriculture was about 20% ;**

**Further development of the agro-industrial complex of Kazakhstan is aimed the development of the competitiveness of agricultural products by the increase of the efficiency of governmental support and the creation of the equal conditions favorable for the development of agribusiness.**

# **STRONG SIDES OF THE AIC IN THE REPUBLIC OF KAZAKHSTAN**

**Provision with the land and water resources;**

**Constant growth of gross products of AIC;**

**Staged increase of budget spending for the support of agriculture by subsidizing of AIC subjects;**

**Integration of agriculture of the RK into the world food markets and its active participation in the formation of the trade balance;**

**State support of AIC development programs, the huge experience learned from application of agricultural technologies;**

**The development of import substitution and realization of export potential in the number of AIC's branches;**

**Staged increase of budget spending on agricultural science, growth of their share till the level of the developed countries.**

# **CONDITIONS OF MECHANIZATION OF AGRICULTURE OF THE REPUBLIC OF KAZAKHSTAN**

**The agriculture of Kazakhstan need to have more than 1200 models and modifications of agricultural machinery and equipment for the production, processing and storage of the crop and livestock production. Today the need for agricultural machinery and process equipment is satisfied by:**

**Import;**

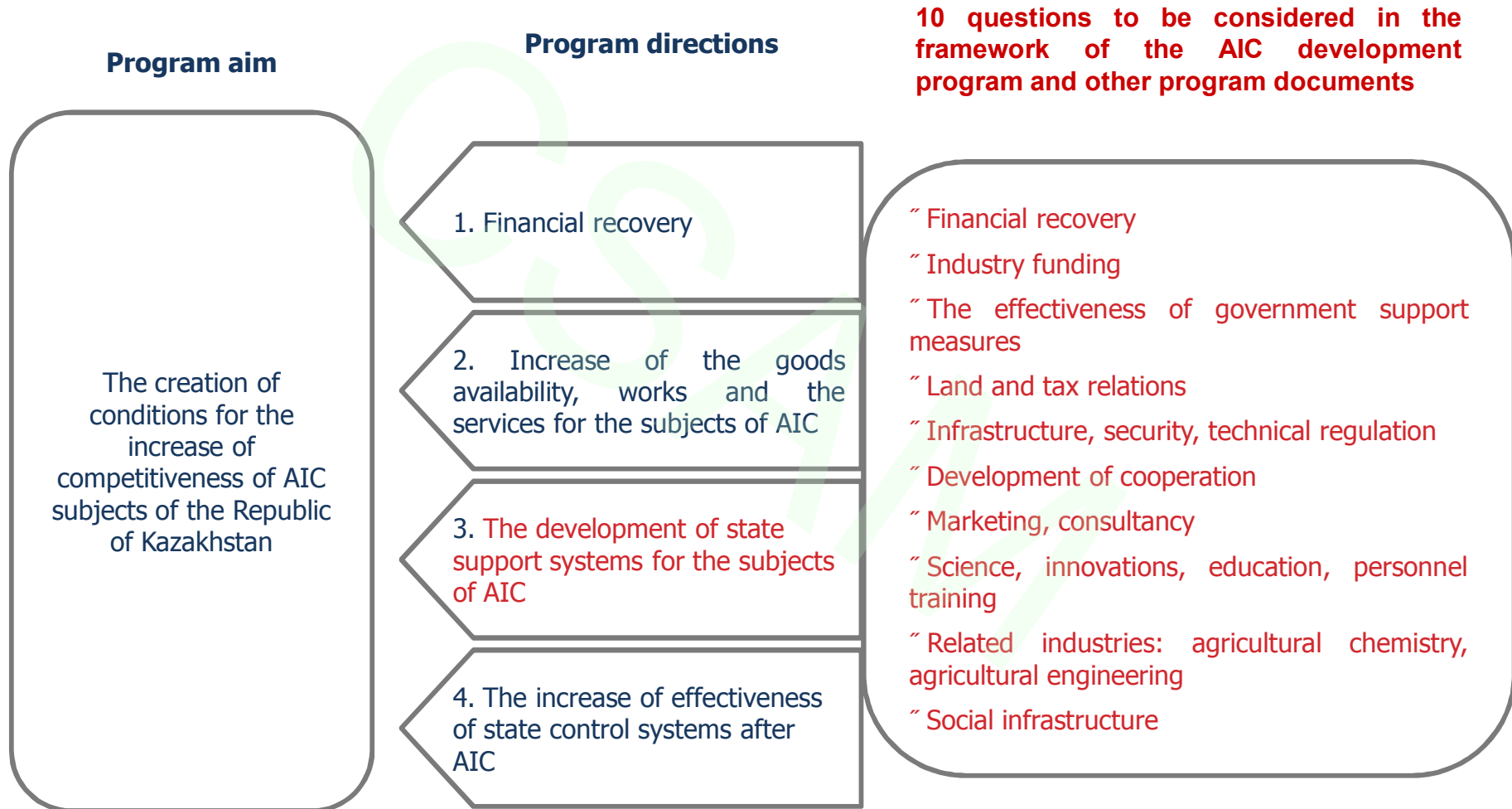
**Establishment of joint ventures for the production of agricultural machinery;**

**The production of agricultural machinery equipment for domestic producers.**

# AIM AND DIRECTIONS OF THE PROGRAM

## «AGRIBUSINESS – 2020»

**For the program realization is totally required  
3 122,17 bln. tg.**





## **PREDICTIVE MACROECONOMIC AND SOCIAL EFFECT AFTER PROGRAM REALIZATION**

- “ The increase of physical capacity of agricultural products for 1,5 times;
- “ The increase of labor productivity per person employed in agriculture for 3 times;
- “ The increase in export revenue from the realization of agricultural and industrial production by 20%;
- “ Providing food independence of basic food products at 80% of the domestic market;
- “ Attracting more than 10 trillion tenge of private funds into the sector.

### **Strategic development plan of RK until 2020**

- **Export potential of the agricultural sector of total exports will increase to 8%;**
- **Labour productivity in agriculture will increase by at least 2 times;**
- **Increase the proportion of meat processing up to 27%, milk - up to 40%, fruits and vegetables - 12%.**

# Инновационные разработки ученых университета в области агроинженерии

Уборка риса в СХПК «Опытное»  
Алматинской области

Уборка семенников люцерны в  
СПК «Жетысу» Алматинской области

Уборка сои в СХПК «Племзавод  
«Алматы» Алматинской области

Уборка семян житняка в ОПХ КазНИИ  
животноводства и кормопроизводство  
Алматинской области

Уборка пшеницы в ТОО «БОГВИ»  
Акмолинской области



## Разработка машин для зернового производства

Почвообрабатывающе-посевной агрегат (КФ)



Орудие для обработки залежных земель (КФ)



Орудие для мелкой осенней обработки почвы (КФ)



Орудие с ротационными рабочими органами с активным приводом (КФ)



Комбинированное орудие для основной обработки почвы (КФ)



Решетная зерноочистительная машина (КФ)



# MACHINES FOR FEED

## Loaders of sowing complexes and grain drills (CF)

trailed version



self-propelled version



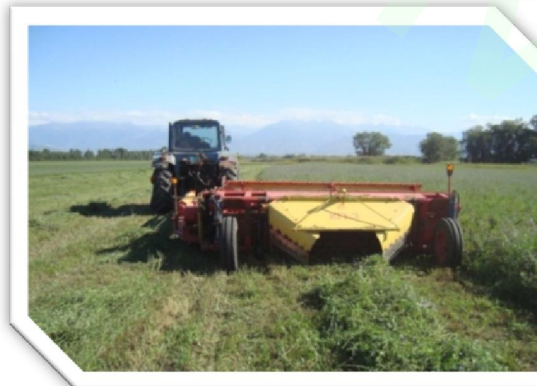
The tool for the band sowing of the grass seed (CF)



Machine for the selection of loose rolls of hay (CF)



Mower-crusher for the irrigated hay (GI)



Baler PT-160 (GI)



# Спасибо за внимание!

❖ **Наши разработки – путь к высокому урожаю.**