



Russian Agrarian Education Response to Global Challenges

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Problem Situation

EXTERNAL CHALLENGES

- Exhaustion of the previous period's growth factors
- Critical dependence of AIC on foreign technologies
- Transition to a new technological paradigm
- Demographic, social and cultural factors

INTERNAL CHALLENGES

- Crisis of University Model 2.0
- Poor cooperation with other universities, academic world and real economy

OUTCOMES

- Low demand for R&D output
- Growing deficiency of highly-skilled staff in AIC
- Focus on the industrial AIC and negligence towards the problems faced by small-sized farms and rural communities

IMPORT DEPENDENCE

UNIVERSITY 3.0

Education

Science

Innovations

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Target Model

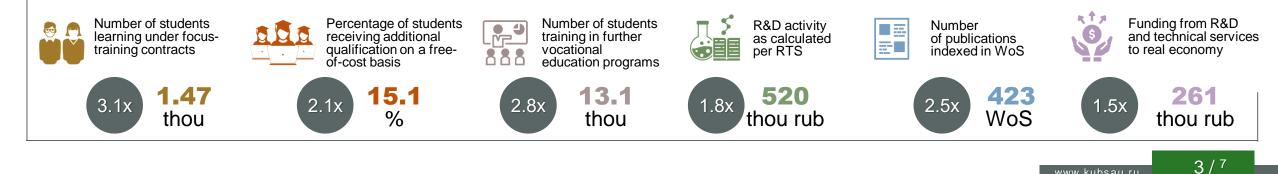
MISSION

To create and promote the advanced knowledge and scientific accomplishments for increasing well-being and unleashing the creative potential of all groups of population, as well as to become a core for attracting talented people and contributing to the flourishing of rural territories

STRATEGIC GOALS

- To strengthen the KubSAU position as the leading agrarian higher education institution in Russia
- To establish a seamless system of cooperation between business, science and education in the Region
- To become a core of agrarian education in the South of Russia

INDICATORS

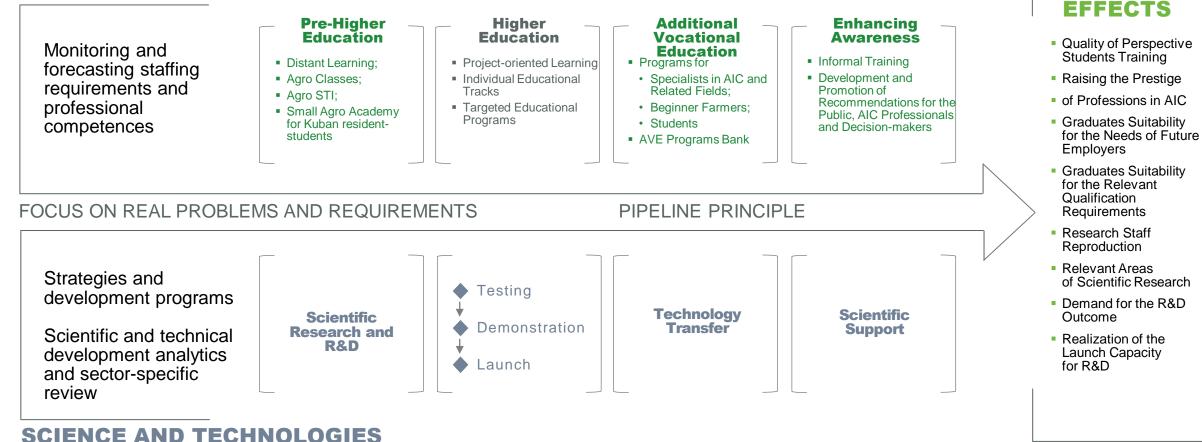




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Institutional Transformation of Agrarian University

EDUCATION



TARGET



Strategic Sectors



Project Initiatives:

- Sound Career Guidance
- Rehabilitation of Economically Depressed Rural Regions



Healthy Nutrition







Functional Food Products Organic Food Products 'Green' Brand



Innovative Feeds and Feed Supplements



Gaprin





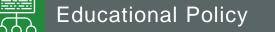


Organic and Mineral Complexes Treonine

Eubiotic Products

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GOAL

To contribute to raising global competitive capacity of AIC of the South of Russia, and to maintain sustainable growth of rural territories within the new technological paradigm with the help of training highly-skilled staff and enhancing scientific literacy

STRATEGIC PRIORITIES



Modernization of Educational Process and HE/AVE Programs



ucational Development of AVE System Programs and Enhancing Scientific Literacy



Internationalization of Education



Introduction of Modern Training Technologies

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Building Digital Competences of Students

HE PROGRAMS

- Genetics and Selection in Livestock and Crop Breeding
- Microbiology and Biotechnology
- IT and Internet of Things in Agriculture

- Bioinformatics
- Digital Economy in AIC and Agro Management
- etc.

AVE PROGRAMS

- Selection and Seed Production (by crop types)
- Embryology in Livestock Breeding
- Architecture of New Food Products
- Digital Agronomy



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Response to Global Challenges

AIC 3.0 \rightarrow AIC 4.0

Provides New Opportunities for the Russian Agricultural Sector of Economy

Places Great Demands on the Industry Staff Training

Crucial Points

- A. To modernize the Staff Training System according to current and future demands from AIC
- B. To provide transition to the Knowledge Economy where University is a key transformation factor

To Be Done

- A. Review of the role of Modern Agrarian University
- B. Transformation of University to the Hub comprising scientific, educational, and consulting functions

MODERN AGRARIAN UNIVERSITY

THE TRINITY OF SCIENCE, EDUCATION AND CONSULTING

1 Educational Function	2 Scientific Function	Consulting Function
Goal: Full matching of staff to scientific and production demands from AIC	Goal: Developing practice-oriented science	Goal: Assistance in R&D outcome launch into real sector and maintaining feedback for outlining priorities of future research
Realization: Creating and coordinating a life- long learning system in agriculture, from school to career ending	Realization: Creating competence centers, enhancing scientific and educational potential within strategic sectors	Realization: Assistance in making research- based decisions for development of rural territories
Stages:	Stages:	Launch
SVE AVE	R&D	Demonstration Support

Kuban State Agrarian University

Thank you for Attention!



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