

# ANALYSIS OF INNOVATIVE ACTIVITY IN THE AGRO-INDUSTRIAL COMPLEX OF THE KRASNOYARSK REGION

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# Abstract

- ▶ In the conditions of modern realities for Russian economy development, the main element that ensures the competitiveness of the economic system is the innovative component. The innovative nature of the development of the agro-industrial complex will allow Russia to ensure long-term food independence, which is very important, if not paramount in modern conditions

# Problem Statement

- ▶ The dynamically developing competitive market of the world community requires a new approach to improving the competitiveness of the economic system in each individual country, respectively, innovations are among the main factors of success, especially if we talk about the agro-industrial sector. Technical renewal of this industry is a key factor for success and effective functioning.

# Level of organizations innovative activity

Indicators	Years							
	2012	2013	2014	2015	2016	2017	2018	2019
Share of organizations that implemented technological, organizational or marketing innovations - total								
- Russia	*	*	*	10,1	9,9	9,3	8,4	8,5
- Krasnoyarsk region	10,0	10,2	9,5	11,2	9,3	8,8	7,1	7,1

# Dynamics of organizations innovative activity of in the Krasnoyarsk region in the context of implemented innovations

Indicators	Years							
	2012	2013	2014	2015	2016	2017	2018	2019
Share of organizations that implemented technological innovations	7,9	8,7	8,3	9,8	8,4	7,8	6,1	6,1
Share of organizations that have implemented environmental innovations	5,5	5,1	1,4	1,5	1,6	1,3	x	1,4

# Level of organizations innovative activity of by industry in Russia

Industry affiliation	Share of organizations that implement innovations in the total number of organizations, %			
	total	technological	marketing	organizational
For industrial production	10,5	9,2	1,9	2,8
In the service sector	7,2	6,2	1,2	2,3
On construction	1,5	1,1	0,4	1,1
On agriculture	4,0	3,4	0,4	0,9

# Dynamics of the volume of shipped innovative goods, works and services in the Krasnoyarsk region

Indicators	Years							
	2012	2013	2014	2015	2016	2017	2018	2019
Volume of shipped innovative goods, works, and services, million rubles	4957,2	11694,6	35800,1	53874,8	49820,0	58836,9	63138,7	63160,7
among them:	3262,4	6795,4	9329,2	29521	16639,7	31521,4	37808,9	53932,6
- newly introduced or subjected to significant technological changes in the past three years	743,8	3044,7	422,6	3639,2	4160,4	6005,9	8874,8	9224,0
- improved over the past three years	0,5	1,1	3,4	5,1	4,0	4,0	4,1	3,3

# Dynamics of expenditures on technological innovations of organizations in the Krasnoyarsk region

Indicators	Years							
	2012	2013	2014	2015	2016	2017	2018	2019
Expenditure on technological innovation of organizations, mln. rub.	14617	19643	24979	67700	84718	60049	38440	35017
of these:								
- design (activity to change the shape, appearance or consumer properties of products or services)	744.0	952.0	399.6	639.3	567.2	3.2	20.5	4.2
- buying machinery and equipment related to technological innovations	8339	8401	13329	19582	19868	18129	11642	8080
- buying new technologies	39.6	39.6	15.8	80.8	54.1	3.9	52.6	668.4



# Conclusion

- ▶ Analysis of the agriculture situation in the Krasnoyarsk region indicates a decrease in the gross grain harvest, while in Russia there is a development of the industry. The main reasons for the reduction in production are a reduction in the area of grain crops and low productivity, which is due to low technical equipment, rare variety changes, so low innovative activity of the industry. The best solution is to invest in the technical re-equipment of the industry