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**THEORETICAL AND METHODOLOGICAL RECOMMENDATIONS FOR DIAGNOSTICS
AND IMPROVEMENT OF MANAGEMENT OF SMALL INNOVATIVE
ENTERPRISES AT HIGHER EDUCATIONAL INSTITUTIONS OF RUSSIA**

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Abstract

The article considers the range of theoretical and methodological issues and empirical results of the activities of small innovative enterprises (SIE) created in the scientific and educational sphere of Russia, including those at higher educational institutions. The forms of small innovative entrepreneurship are considered depending on the methods of financing research and development work (R&D). The analysis of the revenue of small innovative enterprises created in the scientific and educational field, as well as their size of production facilities. The definition of small innovative enterprises at universities (SIEU) was clarified and their classification was proposed. And also analyzed a number of problem areas that are found in the management of these enterprises. A structural-logical scheme of diagnosing the management problems of small innovative enterprises created on the basis of the university is proposed, on the basis of which the management level indicator is calculated using the example of a specific SIEU.

Keywords: small innovative enterprise in Russian universities (SIEU); SIEU classification; SIEU management; structural and logical diagnostics of SIEH management; marketing and property relations SIEU.



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[, 2015].

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2000

3,25 %

[, 2016].

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Table 1

Dynamics of innovative activity of small enterprises industrial production

	2000	2001	2003	2005	2007	2009	2011	2013	2015	2017
,	673	729	779	919	996	923	1276	1274	1189	1437
, %	1.3	1.5	1.6	1.6	4.3	4.1	5.1	4.8	4.5	5,2

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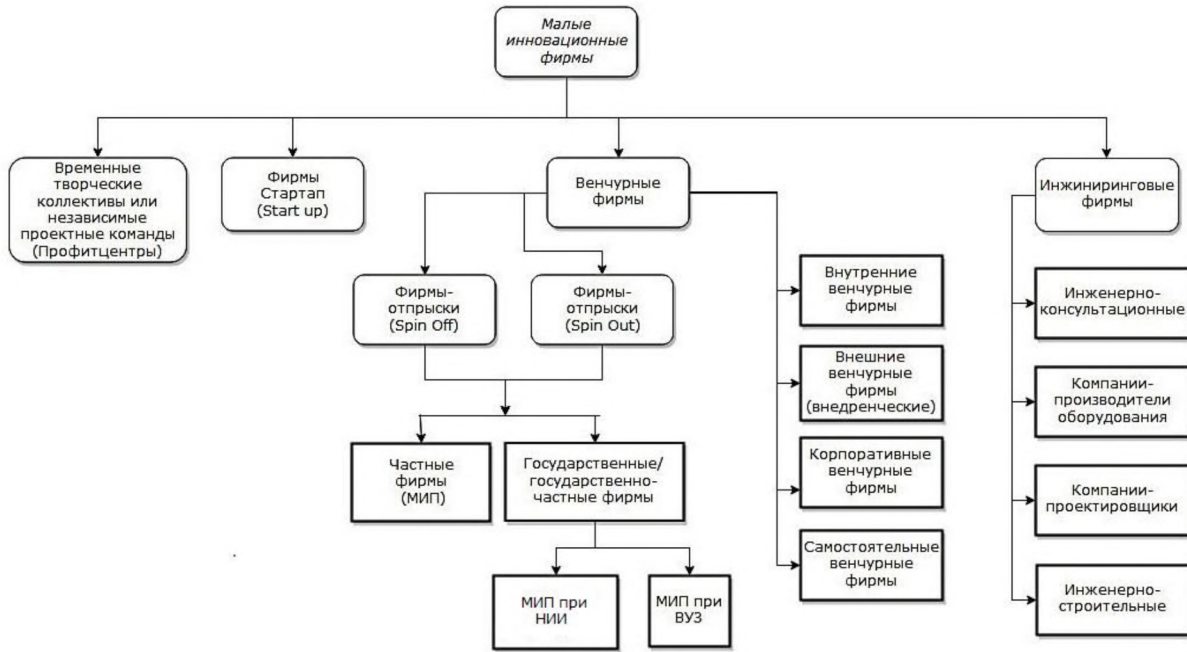
[, 2008; ., 2014].

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.1.

Fig.1. Modern forms of SIE depending on the methods of financing research and development work

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[Pablo et al., 2013; Fici et al, 2016],

spin-off



Fig.2. SIEH classification

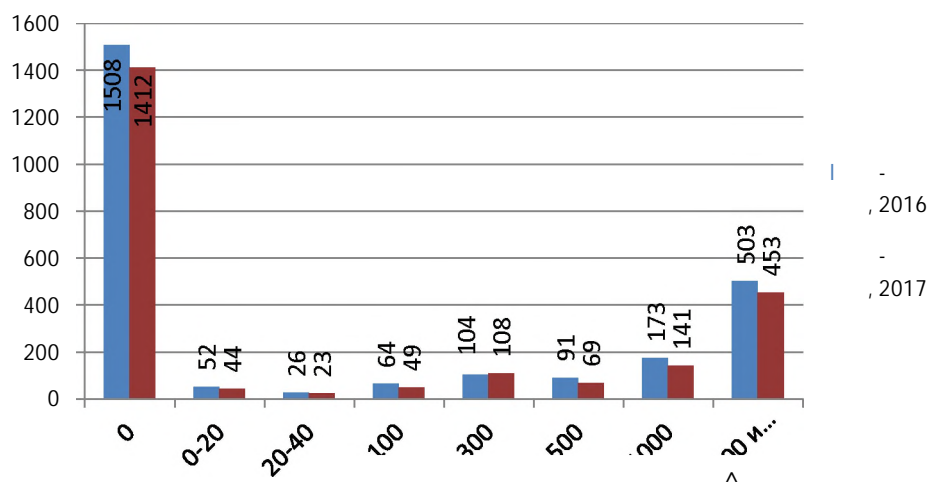


Fig. 3. Distribution of income of SIE established in the field of scientific and educational for 2016-2017



2019]. [, 2018; ,

(.) [, 2018; , 2019].

2016 . 12657,76 . . [,
2018], 2017 . 7620,1 . . [, 2019].
2016 ., 13932,25 . ., 2017 . 19728,1

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The structural-logical diagram of the diagnosis of management problems of a SIEU

1. ()	/ (1 4)	(1 3)	(1 3)
	.>6		
2. ()	(1 5)	(1 5)	(1 5)
	c . .	c . .	.
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	.>6		
4. ()	(1 4)	(1 4)	(1 4)

	.>7		

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3. - + [. . . , 2017.];
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- B. (5-):
1. - ;
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4. - .3+ ;
5. - .4+ + .
3. « » :
- A. (3-):
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- 1. -
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2016 .

318,5 . . 50 %

2017 .

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« - 63» (.). « -31» (.)

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» 3. « - »

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Table 3

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Structural and logical diagnostics of management of a small innovative enterprise (SIE) LLC
“Shukhov Motors”

1. ()	. = 4	. = 1	. = 2
	$7 > 6$		
2. ()	. = 1	. = 1	. = 2
	$4 < 7$		
3. ()	. = 3	. = 3	. = 2
	$8 > 6$		
4. ()	. = 2	. = 3	. = 2
	7		

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-217 02.08.09

1. . . 2012. , 1: 8-20.

2. . . , . . 2016.

3. . 2010. , 4(26): 550-556. : 11 - - Apple

« »: 254.

4. 2015. : « ».
- « » 2: 48-51.
5. 2013.
6. , 1: 158-177. 2018.
7. , 1(22): 8-21.
- [.] - : <https://issek.hse.ru/news/189052475.html> (20.09.2019).
8. 2008. - , ^ , 176.
9. 2014. ^ : , 336.
10. 2016. , 8: 235-240.
11. 2017. , 1 (85): 85-89.
12. 2019. , 2(27): 36-48.
13. 2015. , 4: 127-129.
14. 2019. - , 2 (75): 107-119.
15. 2015. : , 1(6): 31-36.
16. 02.08.2009 217- « () » () . : http://www.consultant.ru/document/cons_doc_LAW_219019/.
17. 29.12.2012 273- « » (. 26.07.2019) : http://www.consultant.ru/document/cons_doc_LAW_140174/bfc4ff42d90579a7e4eb48bb821bad7acc35b6f0/
18. [.] - : http://old.gks.ru/wps/wcm/connect/rosstat_main/rosstat/ru/statistics/science_and_innovations/science/ (10.09.2019).
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