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## METHODOLOGICAL APPROACHES TO OPTIMIZATION OF PORTFOLIO OF PROJECTS OF REGIONAL DEVELOPMENT

The criterion of minimization of payback period of negative balance of financial plan is proposed in the article for the purpose of optimization of portfolio of development projects of a region; the specifics of using this criterion is considered on the example of projects portfolio of Crimea, for this purpose the analysis of projects portfolio is conducted from the point of view of ratio of indicators of investments amount, payback period, net present value NPV, sensitivity coefficients; on this basis and with use of the proposed criterion, the projects are ranked according to their priority in the portfolio.

*Keywords:* projects portfolio of a region, optimization, criteria, ranking, priority.

« » PMI (Project Management Institute) [1].

« » [2]

« » [3]



1.

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			NPV		NPV/
1.	12000000	10,83	748806	1,56	6,2 %
2.	9000000	9,86	1144499	1,02	12,7 %
3.	36000000	8,28	4968156	0,54	27,2 %
4.	9000000	5,7	1716502	0,28	73,1 %
5.	40000000	9,52	1331792	0,69	15,4 %
6.	2000000	10,78	130336	1,49	6,5 %
7.	1000000	9,1	189165	0,58	18,9 %
8.	1600000	10,43	139697	1,14	8,7 %
9.	2500000	2,16	3153132	0,15	475,9 %
10.	6800000	3,52	3039609	0,19	187,0 %
11.	4000000	9,34	185534	0,64	16,8 %
12.	2000000	5,26	557415	0,26	86,2 %
13.	6000000	4,75	1437794	0,23	105,9 %
14.	2600000	3,57	1094399	0,19	181,6 %
15.	6000000	10,63	450055	1,31	7,5 %
16.	4000000	6,37	789472	0,33	56,7 %
17.	7500000	5,93	1100474	0,30	66,5 %
18.	15000000	8,28	2070065	0,43	27,2 %
19.	2400000	7,87	243148	0,38	32,1 %
20.	1000000	9,52	33295	0,86	15,4 %
21.	500000	11,3	17823	3,31	3,6 %
22.	250000	6,67	38277	0,35	50,8 %
23.	2000000	9,9	248429	0,83	12,4 %
24.	7500000	6,61	1212054	0,34	51,9 %
25.	6200000	5,44	1490427	0,27	80,5 %

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[12, . 287]

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« — », « NPV — » ( « — » ).  
 . 1, 2.

. 1, 2

« — »

« »,







2.

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	2018 .	2019 .	2020 .	2021 .	2022 .	2023 .
9. -	-2500000	1200000	2400000	2400000	2400000	2400000
10.	-6800000	1600000	3200000	3200000	3200000	3200000
12. -				-2000000	600000	600000
13. -					-6000000	2000000
14.		-2600000	1200000	1200000	1200000	1200000
16.					-4000000	1000000
17.						-7500000
25. " "					-6200000	1800000
	-9300000	200000	6800000	4800000	-8800000	4700000
	2024 .	2025 .	2026 .	2027 .	2028 .	2029 .
1.						-12000000
2.						-9000000
3.				-21600000	-14400000	7200000
4.	-9000000	2500000	2500000	2500000	2500000	2500000
6. ,			-2000000	330000	330000	330000
7.			-1000000	186000	186000	186000
8.			-1600000	270000	270000	270000
9. -	2400000	2400000	2400000			
10.	3200000	3200000	3200000			
11.			-4000000	730000	730000	730000
12. -	600000	600000	600000	600000	600000	600000
13. -	2000000	2000000	2000000	2000000	2000000	2000000
14.	1200000	1200000	1200000	1200000		
15.				-6000000	1000000	1000000
16.	1000000	1000000	1000000	1000000	1000000	1000000
17.	2000000	2000000	2000000	2000000	2000000	2000000
18.		-15000000	3000000	3000000	3000000	3000000
19. -		-2400000	500000	500000	500000	500000
20. -		-1000000	180000	180000	180000	180000
21. -				-500000	80000	80000
22. ,	-250000	60000	60000	60000	60000	60000
23. ,			-2000000	350000	350000	350000
24.		-7500000	1814400	1814400	1814400	1814400
25. " "	1800000	1800000	1800000	1800000	1800000	1800000
	4950000	-9140000	11654400	-9579600	4000400	4600400
	2030 .	2031 .	2032 .	2033 .	2034 .	2035 .
1.	1974375	1974375	1974375	1974375	1974375	1974375
2.	1579500	1579500	1579500	1579500	1579500	1579500
3.	7200000	7200000	7200000	7200000	7200000	7200000
4.	2500000	2500000	2500000			
5.	-24000000	-16000000	7200000	7200000	7200000	7200000
6. ,	330000	330000	330000	330000	330000	
7.	186000	186000	186000	186000	186000	
8.	270000	270000	270000	270000	270000	
11.	730000	730000	730000	730000	730000	
13. -	2000000					
15.	1000000	1000000	1000000	1000000	1000000	1000000
16.	1000000					
17.	2000000	2000000				
18.	3000000	3000000	3000000	3000000		
19. -	500000	500000	500000	500000		
20. -	180000	180000	180000	180000		
21. -	80000	80000	80000	80000	80000	80000
22. ,	60000	60000		60000		
23. ,	350000	350000	350000	350000	350000	
24.	1814400	1814400	1814400	1814400		
25. " "	1800000					
	4554275	7754275	28894275	26454275	20899875	19033875

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- « NPV », « NPV » ( ), « » ( ).
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