

The background of the slide is a deep blue gradient, transitioning from a lighter blue at the top to a darker blue at the bottom. The top portion shows wispy white clouds, while the bottom portion shows the texture of water with gentle ripples.

Development of Scientific- Research activities statistics in Montenegro

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Introduction

- Montenegro is young country (independent since 2006)
- National policy is strongly oriented toward investment in human capital, research and development
- Statistical system is seen as the key stone to support analysis and decisions

Current situation

- Poor R&D statistics
- But **STRONG** willingness to improve quality and scope of the data

Available R&D indicators

- Number of Scientific-research and experimental-development organizations
- Number of employees
- Number of Scientists-researchers
- Number of Assistant researchers with higher education degree
- Research work completed
 - Basic
 - Applied
 - Developmental
- Incomes from research work

Methodology

Sources and methods:

- Data on scientific-research and experimental-development organizations have been collected through regular annual survey (Questionnaire: NIRO)

Coverage:

- The annual survey on scientific-research and experimental-development organizations covers section 73 of the Classification of economic activities: "Research and Development". Institutions, parts of enterprises, enterprises and their units engaged in scientific-research or experimental-development activities are all included. Since 1978, faculties have been covered as well.

Basic available indicators

Year	S&R organizations	Employees -number-	Scientists-researchers	Scientists-researchers as % of total population
2002	21	1185	605	0.00097
2003	21	1227	602	0.00096
2004	22	1200	597	0.00096
2005	23	1246	633	0.001

Structure of S&R institutions

Year	S&R Institutes	Experimental development units	Faculties	S&R organizations TOTAL
2002	4	4	13	21
2003	4	3	14	21
2004	4	3	15	22
2005	4	3	16	23

Research work completed

Year	Basic	Applied	Developmental	Incomes from research work, in 000 euro
2002	18	45	21	1801
2003	3	166	23	1237
2004	7	178	31	2976
2005	7	13	27	2941



Additional relevant indicators

Expenditures on education and R&D (Government budget)

Year	Expenditures on Education (million €)	Expenditures on Education (as % of GDP)	Expenditures on Research and Development (million €)	Expenditures on Research and Development (as % of GDP)
2006	91.05	4.98	0.86	0.04
2007 (planned)	102.98	5.14	0.67	0.03

Master and Doctoral Degrees by educational fields of scientific work

	Master of science			Doctors of science		
	2003	2004	2005	2003	2004	2005
Total	21	32	40	5	10	17
Social sciences, Business and Law	4	11	18	1	6	8
Engineering, Technology and Construction	4	13	9	4	4	7
Humanities and Arts	13	8	12			1
Natural sciences, Mathematics and IT			1			1

Number of university students

	University of Montenegro and private institutions
2003/04	9759
2004/05	11011
2005/06	12903
2006/04 growth	32.2%
2006 share in population	2%

Institutional responsibility for statistics

- MONSTAT – statistical agency of Montenegro is responsible to collect and produce R&D statistics

Final remarks

- In Montenegro, we hope that active participation at this work shop is the first step in our work on improvements in R&D statistics

Thank you!

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