

Summary report on research accreditation

I. General information

Name of organization	Information Society Development Institute
Organization type (<i>to underline</i>)	<u>Research institute</u> High education institution Ministerial research institute
Research mission of organization	ISDI mission is carrying out research, projects and information systems supporting the activities of creation, dissemination and use of information content, in order to increase and enhance the scientific and technological potential of the Republic of Moldova.
Strategic research direction (s)	- Utilization of human, natural and information resources for sustainable development of the country's economy. - Consolidation of the State of Law and the use of cultural heritage in the perspective of integration into multicultural and multinational Europe
Evaluated period	2008-2012
Web of organization	www.idsi.md

II. Research capacity (annual average for evaluated period)

Total number of employees	59,8						
Number of scientific researches	23,8						
Number of researches who possess honorific titles, scientific degrees, scientific and scientific-didactical titles	ASM full members	ASM corresp. Members	Professor	Associated professor	Dr.hab.	Dr. (PhD)	
	-	-	0,6	1	1,2	6,8	
Number of researches involved in international projects	FP7		STCU		Bilateral		Others
	2		0,8		1,2		
Number of young researches (under 35 years old)	Dr. (PhD)		PhD students			Others	
	-		0,4			10,6	
Financial resources (thousand MDL)	Public budget		International projects/grants		Research contracts		
	2178,0		171,8		1855,0		
Distribution of expenditures (thousand MDL)	Salary		Infrastructure development		Other		
	1603,8		392,9		700,7		
Expenditures for infrastructure development (thousand MDL)	Equipment		IT infrastructure		Endowment of experimental resorts		
	255,4		98,2		39,3		
List of 3 basic research methods, installations, technologies (per accredited field)	<p>1.Information system for online submission and evaluation of publicly funded R&D projects „EXPERT online” was developed and implemented as part of the National Strategy for information society development – "Electronic Moldova" (http://expert.asm.md/ro)</p> <p>2. An information system for educational process management for</p>						

	<p>distance education was developed for the University of the Academy of Sciences</p> <p>3. National Bibliometric Instrument was developed, as a tool that allows recording, storing and monitoring publications in national scientific journals (http://ibn.idsi.md/)</p>
List of provided scientific services	<ol style="list-style-type: none"> 1. ACADEMICA network management 2. PC access to ACADEMICA network and Internet, 100 Mbps/1 Gbps 3. Accounting system management and update 4. Development and maintenance of information systems 5. Certification of data transport networks 6. Corporate email address 7. Access through ACADEMICA network to international scientific databases subscribed by the Central Scientific Library A.Lupan 8. ICT HelpDesk 9. Support regarding online submission of publicly funded projects via EXPERT online www.expert.asm.md 10. Support regarding online evaluation of publicly funded projects via EXPERT online www.expert.asm.md 11. Network Time Protocol 12. Eduroam in the framework of ACADEMICA network 13. Hosting for R&D organisation websites and researchers 14. Video recording of scientific events
List of editorial activities	<ul style="list-style-type: none"> - IDSI in collaboration with Institute of Mathematics and Computer Science of ASM edited issue nr. 3 (60) of the Computer Science Journal of Moldova; - In collaboration with the Editorial Board of the Journal of Science, Innovation, Culture and Art Akademos, IDSI edits and manages the electronic version of the journal and maintains the website (electronic version) of the journal - www.akademos.asm.md

III. Distribution of number of research projects and themes during evaluated period

Institutional projects	2008 1	2009 1	2010 1	2011 1	2012 1
Projects in the frame of State Programmes	2008	2009 1	2010	2011	2012
Technological transfer projects	2008 1	2009 1	2010 1	2011	2012
Projects for equipment procurement	2008 1	2009	2010	2011	2012
Projects for young researches	2008	2009	2010 1	2011 1	2012
Projects in the frame of bilateral programmes	2008	2009	2010 1	2011 1	2012 1
International projects/grants	2008	2009 2	2010 3	2011 3	2012 2
List of 3 representative	1. STCU nr. 4509 "Creation of unique information environment in GUAM"				

international projects/grants	community for remote training and technical and scientific cooperation” 2. FP7 grant nr. 288598 “IDEAL-IST 2014 - Trans-national cooperation among ICT NCPs” 3. FP7 grant nr. 231137 “EXTEND - Extending ICT research cooperation between the European Union, Eastern Europe and the Southern Caucasus”				
Research contracts	2008 24	2009 32	2010 30	2011 32	2012 29
List of 3 representative research contracts	Contract nr. 25/8,1 from 03.09.2008, Ministry of Information Development Contract nr. CW242734 from 09.11.2010, ICS Hewlett Packard SRL Contract nr. S-15-11 from 04.11.2011, Institute of Physiology and Sanocreatology				

IV. Scientific publications

Total number of publications abroad	Books -	Chapters in books 3	Journal papers 7
Total number of publications in ISI journals and books	Books -	Chapters in books -	Journal papers -
Total number of publications in the country	Books 1	Chapters in books -	Journal papers 26
Total number of conference abstracts	International abroad 4	International in the country -	National 20
List of 5 representative publications (per accredited field)	<ol style="list-style-type: none"> 1. FILIP F., COJOCARU I. <i>Economy of Culture in the Information Society based on Knowledge</i>. Science and Education Policies in Central and Eastern Europe, Balkans, Caucasus and Baltic countries, UNESCO BRESCE, 2010, pp.104-114. 2. BOLUN, I., COJOCARU, I. <i>Telecomunicațiile și Tehnologiile Informaționale</i>, Enciclopedia "Republica Moldova", 2009, pp. 322-338. 3. CUCIUREANU, G. <i>Managementul sistemului național de cercetare-dezvoltare: între globalizare și provincializare</i>, Ch.: Proedit, 2011, 294 p., ISBN 978-9975-4086-5-3. 4. RAILEAN, E. <i>Issues and challenges associated with the design of electronic textbook</i>. In: B.H. Khan (Ed.), <i>User Interface Design for Virtual Environments: Challenges and Advances</i>. Hershey, PA: IGI Publishing, 2011, p. 238-256. 5. COJOCARU I., UNGUREANU E., <i>Crearea instrumentelor de memorie digitală pentru evaluarea științei: imperative și impedimente</i>, Intellectus, nr. 1, 2012, p. 57-66. 		
List of 5 citations	-		

V. Innovation outputs

Total number of patents	Registered in the country -	Registered abroad -	Implemented -
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Total number of new developed methods and technologies	Registered -	Non-registered -	Implemented -
Total number of new scientific products	Registered -	Non-registered -	Implemented -
Total number of scientific outputs for central and local authorities (draft of law, strategies etc.)	10, among them: - „Technical regulation for internal information infrastructure of public authorities”, on demand for MTIC - „Technical regulation regarding integration of state information resources”, on demand for MTIC		
Total number of scientific outputs for educational institutions	Handbooks for high education -	Handbooks for pre-university institutions -	Delivered university courses 32
List of 5 representative innovation outputs (per accredited field)	<ol style="list-style-type: none"> 1. Development of the ACADEMICA research network, based on 1 Gbps technology, interconnecting 31 research organisations via optic fiber and cables and providing several information services via the network. 2. Development of the concept, prototype and implementation of the electronic library, focused on storing and monitoring national scientific journals 3. Development of the information system for online submission and evaluation of R&D project proposals 		

VI. Major scientific and innovation achievements

Short description of main scientific results and its confirmation (by awards, citations, development of international projects etc.)	<ol style="list-style-type: none"> 1. Development and maintenance of the information system for online submission and evaluation of publicly funded R&D projects „EXPERT online” as part of the National Strategy for information society development – “Electronic Moldova” (http://expert.asm.md/ro) 2. Information system for educational process management for distance education was developed for the University of the Academy of Sciences 3. Development and maintenance of National Bibliometric Instrument as a tool that allows recording, storing and monitoring publications in national scientific journals and represents an electronic library (http://ibn.idsi.md/) 4. Development of the decision support system for selection, funding and management of publicly funded R&D projects 5. Development of technical projects and deployment of 31 local networks with over 1000 computers connected in Gigabit network 				
Number of organization’ invited speakers at international conferences	2008 -	2009 -	2010 -	2011 1	2012 -
Short description of technological transfer and innovation results and its certification by implementation	<ol style="list-style-type: none"> 1. Network segments based in 1 Gbps technology with VLANs for all organisations were deployed in the Biology building of ASM located in Telecentry academic campus 2. National Bibliometric Instrument (http://ibn.idsi.md/) as a tool that allows recording, storing and monitoring publications in national 				

	scientific journals has concluded agreements with several scientific journal publishers				
	3. Information system for educational process management for distance education is used by the University of the Academy of Sciences				
Number of defended dr.hab./dr. theses per year	2008 -	2009 -	2010 -	2011 -	2012 0/1

VII. Present/further involvement in the Seventh Framework Programme (FP7): specific programmes (Cooperation, Ideas, People, Capacities) of interest and its sub-divisions.

Ongoing FP7 project nr. nr. 288598 “IDEAL-IST 2014 - Trans-national cooperation among ICT NCPs”

VIII. Accredited research field and its evaluation by the National Council for Accreditation and Attestation of the Republic of Moldova (very good/good/ satisfactory)

Research and applications for information society development – Satisfactory

IX. Category (A/B/C) attributed by the National Council for Accreditation and Attestation of the Republic of Moldova to the organization

Category C

X. Institutional development actions planned for the next 5 years (maximum ½ page).

In terms of increasing the quality of the institutional management ISDI plans to update and implement its strategy up to 2020; approve and implement the human resources strategy, focused on attracting scientific degree holders as well as encouraging ISDI personnel to follow doctoral studies; approve and develop a communication strategy aimed at enhancing the dissemination on scientific results and content and increasing the visibility of ISDI, both online and offline; implement and get certified according to ISO 27001 “Information Security Management System” (in 2014).

In terms of enhancing the research potential, ISDI plans on stimulating researchers to publish in international scientific journals, including ISI, to participate at significant international conferences and workshops related to ISDI research profile. ISDI aims to carry out further research in scientometric field, applied research and foresight regarding information society development in the Republic of Moldova.

ISDI also plans to further enhance its collaboration with national and international partners, such as Librarians Association of the Republic of Moldova (common activities on promoting Open Access concept), Novateca, Ministry of Information and Communication Technology (involved in implementation of Digital Moldova 2020 strategy, mainly “Content and services” pillar), Ministry of Education, Ministry of Environment, eGov Center. ISDI also plans to make better use of its international contacts, in order to participate in international R&D projects, mainly in the framework of Horizon 2020 program and other international funds.

Director

