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**lmpi**

licence master professionnel  
en protection informatique

*LMPI - N°573901-EPP-1-2016-1-IT-EPPKA2-CBHE-JP*

*“Licence, Master professionnels pour le développement, l’administration, la gestion, la protection des systèmes et réseaux informatiques dans les entreprises en Moldavie, au Kazakhstan, au Vietnam”*

## **Sustainability plan Republic of Moldova**

**Chişinău**

## **Description of the LMPI Project**

The LMPI project aims at establishing Bachelor's and Master's degrees for the protection of computer systems and networks in three Partner Countries: Vietnam, Moldova and Kazakhstan. The programs will be entirely or partially delivered by distance learning. Additionally, in order to bridge skills gaps at both technician and engineer levels, the partners will develop a lifelong learning program for professionals who are already active in this field. The curricula developed in the framework of the LMPI project target the needs of private companies in need of specialists who can improve computer network security and protect them against cybercrime.

The goal of the LMPI project is to improve computer system and network security of companies in Kazakhstan, Moldova and Vietnam by offering academic and vocational programs that can develop the professional competencies and competencies needed by professionals in the field.

### **Objectives :**

- bridging skills gaps in the design and maintenance of corporate computer systems security, improving the competencies of students and professionals;
- professionalizing universities' curricula in the field of development, administration, management and protection of computer systems and networks in accordance with the Bologna Process and with the European Qualifications Framework (EQF), and delocalizing part of the training in the companies;
- creating two new academic courses (Bachelor and Master Degrees) available through distance learning for the development, administration and protection of computer networks and information technology adapted to the needs of the local enterprises;
- training at least 270 students in each Partner Country during the first academic year (180 in the Bachelor's program; 90 in the first year of Master);
- training 24 professors from partner universities in the new highly specialized disciplines;
- developing the e-learning platforms of the partner universities and making the digitalized materials available by distance as open educational resources;
- creating a lifelong learning modular system in the same field of education and train 50 professionals per country;
- creating a Centre of excellence in each country available to students and universities to support the new offer;
- improving the employability of students and assisting them in becoming independent professionals in the field of computer security services;
- fostering integration of partner country students into EU study plans through double diploma agreements among EU and partner country universities.

### **The list of MD partners**

1. P09 - Technical University of Moldova (UTM), bd. Stefan Ștefan cel Mare, 168, Chișinău
2. P10 - Alecu Russo Balti State University (USARB), Pushkin, 38, Bălți
3. P11 - Moldova State University (USM), Alexe Mateevici, 60, Chișinău
4. P12 - Academy of Economic Studies of Moldova (ASEM), Bănulescu-Bodoni, 61, Chișinău
5. P13 - Ministry of Education, Culture and Research of the Republic of Moldova (MECC), PMAN, 1, Chișinău
6. P15 - Center for Combating Cyber Crimes and BSA (CTS), PMAN, 1, Chișinău
7. P17 - State Enterprise "Special Telecommunications Center" (CCCI), Bucuriei, 14, Chișinău

## The regional pilotage committee

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## The sustainability actions

Nr	Sustainability objective/ component	Sustainability actions	Responsible
1	Governmental agencies support	The Ministry of Education, Culture and Research openness to support the training process and development of professionals in Information Security (IS).	P13
		Partnership in the <i>National Cyber Security Program</i> of the Republic of Moldova for the years 2016-2020. Dissemination of program impacts to leaders and information on the project's importance goals.	P9 - P12
2	Institutional stability, support and contribution in developing the initiated in the project activities	<p>Institution openness to use its infrastructure to organize the educational process to the initiated Study Programs in IS (Bachelor and Master).</p> <p>Institution involvement in developing of teaching staff related to the Study Programs in IS.</p> <p>Institutional involvement in promoting the Study Programs in IS and obtaining from the Ministry of Education, Culture and Research the financement for recruitment of students at the related Study Programs.</p> <p>Integration of the goals of the project with the goals of the institution.</p> <p>Institutional readiness for change, culture and climate related to adoption of innovations and other possible related to projects.</p>	P9 - P12
3	Accreditation and certification	Maintaining the high level of quality in the training process of students at the accredited (for 5 Years) by <i>National Agency</i> Study Programs in IS (Bachelor and Master).	P9 - P12
4	IT community support and cooperation	<p>Cooperation of Universities with IT community organizations.</p> <p>Getting regular feedback from key stakeholders about the quality of Study Plans for the initiated Study Programs in IS (Bachelor and Master), progress and implemented strategies.</p> <p>Improving the employability of students by establishing agreements with IT companies concerning</p>	P9 - P12

		internships.	
5	Use of the potential of the Centre of Excellence in IS	<p>Organization of training modules in IS for Lifelong training for professionals.</p> <p>Organization of meeting and trainings for academic staff involved in educational process in IS.</p> <p>Organization of specialized courses (using specialized equipment) with students from related Study Programs of all partner universities</p>	P9
6	Advertisement of the project's effectiveness to the general public	Dissemination of the results of the project and building the recognition for success, using diverse tools: newsletters, television, social media, academic articles, publicity materials, events, institutional/faculty sites etc.	P9 - P12
7	Staff preparation and training	<p>Efficiently use the abilities of the course renovators, trained in the project, in the educational process related to the Study Plans in IS.</p> <p>Holding of regular comprehensive staff training and preparation on IS by continuous transfer of knowledge and practices of the involved course renovators to the other members of the profile department.</p> <p>Supporting the participation of involved staff to participate in trainings, conferences, internships.</p>	P9 - P12
8	Recruitment	<p>Maintaining the argumentation of the necessity of the specialists in IS to obtain finance from the Government for recruit students.</p> <p>Maintaining the recruitment to the Study Programs in IS.</p> <p>Dissemination of the information about provided Study Programs in IS in schools and organizations.</p>	P9 - P12
9	Inter-institutional cooperation and Internationalization	Efficiently use of the established partnerships between participants in the project.	All partners
		Integration of students from the related Study Programs in IS into EU study plans through double diploma IS with University of West Attica.	P9 - P12, P13, P4
		Continuation of the implementation of the Inter-institutional agreement concerning Erasmus+ mobility with EU Universities.	P9-P12, P1, P4
		Establishment of Inter-institutional agreements with other partners.	P9 - P13
10	Maintaining of e-learning platforms	<p>Maintaining of the created courses in IS.</p> <p>Continuous development of the courses according to the IT companies' feedback.</p>	P9 - P12