

ALLEGATO 3
TRADUZIONE FORM CANDIDATURA INTERNA
PER RACCOGLIERE I CONTRIBUTI DEL PARTNER STRANIERO

Contribution by Partner HEIs involved

Contact Person	<i>Please fill in with details and email address of the project coordinator in your institution</i>
Name and Surname	Olena Chyhyrynets
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Partner Country/ies and HEI/HEIs	
<u>Name of Country</u>	Ukraine
<u>Name of Institution</u>	National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"
<u>ORGANISATION ID (OID Code)</u>	998145715
Non-academic partner/s	<i>(if any)</i>
<u>Name of entity/firm</u>	
<u>OID Code</u>	
Activities	<p><i>Choose among the following options, by indicating the corresponding acronym, flow direction and level, Partner Countries involved, total number of participants and overall duration for each activity:</i></p> <p>SMS – Student Mobility for Studies to/from the Partner Country</p> <p>SMP – Student Mobility for Placement to/from the Partner Country</p> <p>STA – Staff Mobility for Teaching to/from the Partner Country</p> <p>STT – Staff Mobility for Training to/from the Partner Country</p> <p><i>Feel free to add lines according to the activities you wish to implement.</i></p>

Type of activity (SMS/SMP/STA/STT)	I (Incoming) or O (Outgoing)	Level: 6 (1° cycle: Ba) 7 (2° cycle: Ma) 8 (3° cycle: PhD)	Country of Origin (Italy in case of Outgoing flows)	Country of Destination (Italy in case of Incoming flows)	No. of participants (for the total duration of the project)	TOTAL duration in the 36 months ¹	ISCED CODES (MAX 3) – SEE Appendix 1
SMS	I	7,8	Ukraine	Italy	4	24 months	
SMP	I	8	Ukraine	Italy	2	50 days	
STA	I	7,8	Ukraine	Italy	3	135 days	
STA	O	7,8	Italy	Ukraine	2	30 days	

RELEVANCE OF THE STRATEGY (Max. 2000 characters)	<i>Explain the relevance of the mobility project within the framework of the internationalisation strategies of all the HEIs concerned, including UNIPD. Provide evidence of previous, if any, collaborations/projects with institutions from the Partner Country/Region and explain division of roles, responsibilities and activities.</i>
Institution: National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"	<p>The project is part of the strategic objectives of UniPD, in the expansion of international relations in a fundamental perspective for the reconstruction of the country, if and when the circumstances allow it.</p> <p>The partner university is one of the top public universities in Ukraine. It is ranked #701-750 in QS World University Rankings 2023. Due to the situation in Ukraine due to the Russian invasion, the academic education career of the students of the partner university are difficult and often interrupted. Even the possibilities for development of research activities by Ukrainian academics are extremely reduced due to the difficulty to obtain resources during the war. The possibility of support offered by the Erasmus+ KA171 program would allow to selected deserving students to continue their studies in order to reduce the delay that is accumulating due to the war situation. Furthermore, the period of stay in Italy allows students from the partner university to face their studies in a psychological situation suitable for strengthening their professional skills.</p>

	<p>The exchange of researchers will also facilitate the development of common research activities which will allow for a more rapid restarting of production activities in the country at the end of the conflict.</p> <p>The University of Padua, following the evolution of the facts relating to the ongoing war in Ukraine, is supporting the citizens of Ukraine through dedicated activities in the Unipd 4 Ukraine project. Within this project the DII, DISC and DFA Departments co-funded a research fellowship to Prof. Olena Chyhyrynets of the National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", which led to a wide range of research in the field of surface protection of stainless steel using inhibitors of plant origin, obtaining new scientific results that are in the process of being published. Furthermore, in 2022 a bilateral agreement was signed with Pryazovskiy State Technical University of Mariupol whose scientific managers are Prof. Manuele Dabalà and Prof. Vasily Efremenko</p>
<p>IMPACT AND DISSEMINATION (Max. 2000 characters)</p>	<p><i>Illustrate the potential impact of the project on participants, beneficiaries and partner organisations (academic and non-academic, HEIs and companies/institutions involved in case of SMP) at local, regional and national level. Explain the quality of measures aimed at disseminating the results of the mobility project at institutional level (and beyond, where applicable) both in Italy and in the Partner Countries/Regions.</i></p>
<p>Institution:</p>	<p>The mobility project increases the number of foreign students and allows for the implementation of a collaboration agreement for both training and research between two institutions of excellence in their respective countries. In particular, the master's degree courses offered by the DII, DISC and DFA departments give to the students of the partner university, the opportunity to improve their skills in the STEM sectors. Furthermore, the opportunity offered by the various master's degree courses to carry out internships in local companies, will allow to incoming students to acquire theoretical-practical knowledge that can be implemented in Ukrainian companies to speed up the production recovery in the next years. The planned mobility for research personnel and doctoral students will also produce collaboration between the departments of the two institutions with extremely positive effects both on scientific production and on the technology transfer to the companies. The project will have a significant impact on the cooperation relations between the 2 countries, establishing an important shared training period.</p> <p>The research carried out as part of the project will produce the creation of an international interdepartmental multidisciplinary team that will certainly have a positive impact within the related universities thanks to the possibility of sharing the specific skills and instruments of the departments involved.</p> <p>UniPd will promote the project among the various research opportunities abroad, through the bi-weekly newsletters, the website dedicated to mobility, the websites of the aforementioned Departments and also through the event " Scegli con noi il tuo domani", organized annually at the campus and aimed at prospective university students. The dissemination of the project activities will be carried out by the partner University through seminars and educational activities driven both by the Ukrainian staff and by the OUTGOING staff of the University of Padua</p>

	<p>within the various faculties involved in the program. Furthermore, the project will be visible on the website and on the social channels of the partner University</p>
<p>QUALITY OF THE ACTIVITY DESIGN AND IMPLEMENTATION (Max. 2000 characters)</p>	<p><i>Illustrate the following aspects related to the implementation of the project with a specific focus on the Partner Institution:</i></p> <ul style="list-style-type: none"> - <i>Activities foreseen for students and staff (study, internship, research, teaching, training);</i> - <i>Methods of recognition of the activities carried out abroad (in particular in the Partner Country);</i> - <i>Educational offer (links to the online offer where possible, include ISCED codes (detailed field) of current offer (see Annex 1 at p.3).</i> - <i>Should the project include student mobility for traineeship, please describe in detail the type of non-academic partners involved, the relationship of the latter with the partner HEIs, if applicable, and the recognition procedures foreseen for placement activities at the partner HEIs.</i> - <i>Describe outreach and selection strategies, highlighting specific measures to ensure participation of those with fewer opportunities (in accordance with the Inclusion and Diversity Strategy)</i>
<p>Institution: National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"</p>	<p>The disciplines required are those characterizing the Departments involved in the mobility activities, i.e. the disciplines of Chemistry, Physics and in the area of Industrial Engineering. UniPd is able to provide courses in English at master's level and also at doctoral level in all the disciplines described above.</p> <p>The INCOMING mobility activities planned in the project are for 4 students of the 2nd and the 3rd cycle throughout the project for a total of 24 months 2 short mobilities for 3rd cycle students for a total of 60 days. Furthermore, there are planned 3 mobilities for staff teaching for a total of 45 x 3 = 135 days. During the staff teaching mobility, teaching activities are expected in the master's degree courses of the DII, DISC and DFA Departments and for the doctoral courses relating to the aforementioned departments for 48 hours for each mobility period for a total of 144 hours of teaching in the disciplines described above.</p> <p>The OUTGOING mobility activities will concern only 2 mobilities for staff teaching for a total of 15 x 2 = 30 days. During the OUTGOING mobility, teaching activities are planned in the fields of Industrial Engineering and Chemistry for students of the 2nd and 3rd cycle of the partner University.</p> <p>Activity approval for INCOMING students takes place through consolidated tools such as LA and ToR. The partner university adopts a criterion for translating the ETCS credits according to the Bologna process introduced in Ukraine in 2006. The approval of the doctoral students' activities will be certified by the competent service together with a detailed description of the activity carried out by the supervisor.</p> <p>The period of mobility of the teachers will be certified by means of a document with the details of the activities carried out and with the dates of arrival and departure.</p>

Appendix I: ISCED fields of education and training (ISCED-F 2013): Full list of possible codes

Broad field	Narrow field	Detailed field
00 Generic programmes and qualifications	000 Generic programmes and qualifications not further defined	0000 Generic programmes and qualifications not further defined
	001 Basic programmes and qualifications	0011 Basic programmes and qualifications
	002 Literacy and numeracy	0021 Literacy and numeracy
	003 Personal skills and development	0031 Personal skills and development
	009 Generic programmes and qualifications not elsewhere classified	0099 Generic programmes and qualifications not elsewhere classified
01 Education	011 Education	0110 Education not further defined 0111 Education science 0112 Training for pre-school teachers 0113 Teacher training without subject specialisation 0114 Teacher training with subject specialisation 0119 Education not elsewhere classified
	018 Inter-disciplinary programmes and qualifications involving education	0188 Inter-disciplinary programmes and qualifications involving education
02 Arts and humanities	020 Arts and humanities not further defined	0200 Arts and humanities not further defined
	021 Arts	0210 Arts not further defined 0211 Audio-visual techniques and media production 0212 Fashion, interior and industrial design 0213 Fine arts 0214 Handicrafts 0215 Music and performing arts 0219 Arts not elsewhere classified
	022 Humanities (except languages)	0220 Humanities (except languages) not further defined 0221 Religion and theology 0222 History and archaeology 0223 Philosophy and ethics 0229 Humanities (except languages) not elsewhere classified
	023 Languages	0230 Languages not further defined 0231 Language acquisition 0232 Literature and linguistics

		0239 Languages not elsewhere classified
	028 Inter-disciplinary programmes and qualifications involving arts and humanities	0288 Inter-disciplinary programmes and qualifications involving arts and humanities
	029 Arts and humanities not elsewhere classified	0299 Arts and humanities not elsewhere classified
03 Social sciences, journalism and information	030 Social sciences, journalism and information not further defined	0300 Social sciences, journalism and information not further defined
	031 Social and behavioural sciences	0310 Social and behavioural sciences not further defined 0311 Economics 0312 Political sciences and civics 0313 Psychology 0314 Sociology and cultural studies 0319 Social and behavioural sciences not elsewhere classified
	032 Journalism and information	0320 Journalism and information not further defined 0321 Journalism and reporting 0322 Library, information and archival studies 0329 Journalism and information not elsewhere classified
	038 Inter-disciplinary programmes and qualifications involving social sciences, journalism and information	0388 Inter-disciplinary programmes and qualifications involving social sciences, journalism and information
	039 Social sciences, journalism and information not elsewhere classified	0399 Social sciences, journalism and information not elsewhere classified
04 Business, administration and law	040 Business, administration and law not further defined	0400 Business, administration and law not further defined
	041 Business and administration	0410 Business and administration not further defined 0411 Accounting and taxation 0412 Finance, banking and insurance 0413 Management and administration 0414 Marketing and advertising 0415 Secretarial and office work 0416 Wholesale and retail sales 0417 Work skills 0419 Business and administration not elsewhere classified
	042 Law	0421 Law
	048 Inter-disciplinary programmes and qualifications involving business, administration and law	0488 Inter-disciplinary programmes and qualifications involving business, administration and law

	049 Business, administration and law not elsewhere classified	0499 Business, administration and law not elsewhere classified
05 Natural sciences, mathematics and statistics	050 Natural sciences, mathematics and statistics not further defined	0500 Natural sciences, mathematics and statistics not further defined
	051 Biological and related sciences	0510 Biological and related sciences not further defined 0511 Biology 0512 Biochemistry 0519 Biological and related sciences not elsewhere classified
	052 Environment	0520 Environment not further defined 0521 Environmental sciences 0522 Natural environments and wildlife 0529 Environment not elsewhere classified
	053 Physical sciences	0530 Physical sciences not further defined 0531 Chemistry 0532 Earth sciences 0533 Physics 0539 Physical sciences not elsewhere classified
	054 Mathematics and statistics	0540 Mathematics and statistics not further defined 0541 Mathematics 0542 Statistics
	058 Inter-disciplinary programmes and qualifications involving natural sciences, mathematics and statistics	0588 Inter-disciplinary programmes and qualifications involving natural sciences, mathematics and statistics
	059 Natural sciences, mathematics and statistics not elsewhere classified	0599 Natural sciences, mathematics and statistics not elsewhere classified
06 Information and Communication Technologies (ICTs)	061 Information and Communication Technologies (ICTs)	0610 Information and Communication Technologies (ICTs) not further defined 0611 Computer use 0612 Database and network design and administration 0613 Software and applications development and analysis 0619 Information and Communication Technologies (ICTs) not elsewhere classified
	068 Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs)	0688 Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs)
07 Engineering, manufacturing and construction	070 Engineering, manufacturing and construction not further defined	0700 Engineering, manufacturing and construction not further defined
	071 Engineering and engineering trades	0710 Engineering and engineering trades not further defined 0711 Chemical engineering and processes 0712 Environmental protection technology 0713 Electricity and energy

		0714 Electronics and automation 0715 Mechanics and metal trades 0716 Motor vehicles, ships and aircraft 0719 Engineering and engineering trades not elsewhere classified
	072 Manufacturing and processing	0720 Manufacturing and processing not further defined 0721 Food processing 0722 Materials (glass, paper, plastic and wood) 0723 Textiles (clothes, footwear and leather) 0724 Mining and extraction 0729 Manufacturing and processing not elsewhere classified
	073 Architecture and construction	0730 Architecture and construction not further defined 0731 Architecture and town planning 0732 Building and civil engineering
	078 Inter-disciplinary programmes and qualifications involving engineering, manufacturing and construction	0788 Inter-disciplinary programmes and qualifications involving engineering, manufacturing and construction
	079 Engineering, manufacturing and construction not elsewhere classified	0799 Engineering, manufacturing and construction not elsewhere classified
08 Agriculture, forestry, fisheries and veterinary	080 Agriculture, forestry, fisheries and veterinary not further defined	0800 Agriculture, forestry, fisheries and veterinary not further defined
	081 Agriculture	0810 Agriculture not further defined 0811 Crop and livestock production 0812 Horticulture 0819 Agriculture not elsewhere classified
	082 Forestry	0821 Forestry
	083 Fisheries	0831 Fisheries
	084 Veterinary	0841 Veterinary
	088 Inter-disciplinary programmes and qualifications involving agriculture, forestry, fisheries and veterinary	0888 Inter-disciplinary programmes and qualifications involving agriculture, forestry, fisheries and veterinary
	089 Agriculture, forestry, fisheries and veterinary not elsewhere classified	0899 Agriculture, forestry, fisheries and veterinary not elsewhere classified
09 Health and welfare	090 Health and welfare not further defined	0900 Health and welfare not further defined
	091 Health	0910 Health not further defined 0911 Dental studies 0912 Medicine 0913 Nursing and midwifery 0914 Medical diagnostic and treatment technology

		0915 Therapy and rehabilitation 0916 Pharmacy 0917 Traditional and complementary medicine and therapy 0919 Health not elsewhere classified
	092 Welfare	0920 Welfare not further defined 0921 Care of the elderly and of disabled adults 0922 Child care and youth services 0923 Social work and counselling 0929 Welfare not elsewhere classified
	098 Inter-disciplinary programmes and qualifications involving health and welfare	0988 Inter-disciplinary programmes and qualifications involving health and welfare
	099 Health and welfare not elsewhere classified	0999 Health and welfare not elsewhere classified
10 Services	100 Services not further defined	1000 Services not further defined
	101 Personal services	1010 Personal services not further defined 1011 Domestic services 1012 Hair and beauty services 1013 Hotel, restaurants and catering 1014 Sports 1015 Travel, tourism and leisure 1019 Personal services not elsewhere classified
	102 Hygiene and occupational health services	1020 Hygiene and occupational health services not further defined 1021 Community sanitation 1022 Occupational health and safety 1029 Hygiene and occupational health services not elsewhere classified
	103 Security services	1030 Security services not further defined 1031 Military and defence 1032 Protection of persons and property 1039 Security services not elsewhere classified
	104 Transport services	1041 Transport services
	108 Inter-disciplinary programmes and qualifications involving services	1088 Inter-disciplinary programmes and qualifications involving services
	109 Services not elsewhere classified	1099 Services not elsewhere classified
99 Field unknown	999 Field unknown	9999 Field unknown

For further info on ISCED CODES: <http://uis.unesco.org/sites/default/files/documents/international-standard-classification-of-education-fields-of-education-and-training-2013-detailed-field-descriptions-2015-en.pdf>