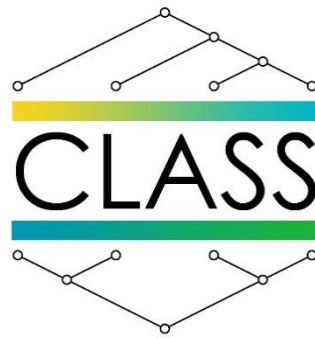




Co-funded by the
Erasmus+ Programme
of the European Union



*Development of the interdisciplinary master program on Computational Linguistics at Central
Asian universities*

585845-EPP-1-2017-1-ES-EPPKA2-CBHE-JP

Sustainability Strategy

Work Package 4.0

December 2018



CONTENT

Introduction.....	3
Project Consortium.....	3
Target Groups.....	4
Sustainability	4
Plan for realization of sustainability activities.....	5

Introduction

CLASS, Erasmus+ KA2 Capacity Building in Higher Education project No. 585845-EPP-1-2017-1-ES-EPPKA2-CBHE-JP, is implemented in the consortium with partners from Spain, Poland, Portugal, Greece, Kazakhstan and Uzbekistan. The aim of the project is to create master program on computational linguistics for master students with linguistics and computational science background and to implement blended learning technologies on specialization courses under the initiatives of Uzbekistan and Kazakhstan universities.

Project Consortium

ACADEMIC PARTNERS	
Partners from EU	University of Santiago de Compostela (Spain)
	University of A Coruna (Coruna)
	University of West Attica (Greece)
	University of Porto (Portugal)
	Adam Mickiewicz University in Poznań (Poland)
Partners from Uzbekistan	Urgench State University (UrSU)
	The National University of Uzbekistan (NUUZ)
	Samarkand State Institute of Foreign Languages (SamsIFL)
	Tashkent State University of the Uzbek language and literature (TSUUL)
Partners from Kazakhstan	A.Baitursynov Kostanay State University (KSU)
	L.N. Gumilyov Eurasian National University (ENU)
	Al-Farabi Kazakh National University(KazNU)
ASSOCIATED PARTNERS	
Partners from EU	Fundacion Centro Tecnologico de Supercomputacion de Galicia (CESGA, Spain)
Partners from Uzbekistan	Ministry for Higher and Secondary Specialized Education of the Republic of Uzbekistan (MES)
	Center for implementation of e-learning in educational institutions under the ministry of the higher and secondary specialized education of the republic of Uzbekistan(CIEEI)
	Khorezm Mamun academy
Partners from Kazakhstan	Ministry of Education and Science of the Republic of Kazakhstan (MES)
	Join-stock company «National Information Technologies» of the republic of Kazakhstan
	Kostanay Region Language Development Office

Target Groups

The target groups of the project can be categorized into direct (students, academic staff of linguistics and computer science of the partner universities and associated partners) at the regional level, and indirect – users of language support software, language learners at regional, national and international level - those, who are interested in information retrieval and in NLP in Kazakh and Uzbek languages.

Students, academic staff of linguistics and computer science of the partner universities and associated partners will enjoy project outputs as well as procedure. This group includes EU and CA partners. EU partners are responsible for a number of project tasks related to their expertise in the field. The project will assist EU universities in establishing new contacts and territory for implementing their academic and research ideas within different linguistic environment.

CA partners as a target group involve university academic staff, students, researchers and industry-partners. During the project these groups will be involved in project activities. Students, as the target group, are those with linguistic or computer science undergraduate background, besides the new master program, they will learn new IT skills thank to the use of blended learning.

Associated partners of the project as another group of stakeholders will enjoy the outcomes of the project via sharing best practices at conferences and workshops.

The indirect target group involves language learners, users of language support software, other HEIs, students, industry. This group will mostly be affected after the project lifetime. They will enjoy project outcomes –NLP tools, other language support software.

Sustainability

Sustainability is the capacity of the project to continue and use its results beyond the end of the funding period.

Outcomes of the project that will to support stability of the project:

Project outcomes	Note
Developed curriculum and syllabuses of the master program on Computational Linguistics	The contents of the project support the «Digital Kazakhstan 2020» program that increases interest and support of the Government to the program

	The multidisciplinary character of the program increases interest and support from the industry that maintains sustainability of the program
Teaching and learning materials	Developed teaching and learning materials can be used not only by the participant Universities, but also by another universities for training of specialists in the field of computational linguistics
Developed online courses by each CA partner for using in blended learning as a new methodology set	Teaching staff participated in the project will have training for use of blended learning technology The online courses developed by participants of the project will find use in the future
Trained academic staff	Academic staff will have training on blended learning technology, on syntactic, morphological and semantic structure of the English language, on developing NLP tools and will have new skills
NLP tools	NLP tools, developed by project participants will find use in the majority of fields of economy

Plan for realization of sustainability activities

No of the activity	Planned period of the activity	Partner university, responsible for the activity	Short description of the activity
1	June, 2018	UDC	Teaching and instructing CA academic staff in syntactic, morphological and semantic structure of the English language – 5 trained staff from each CA University
	September, 2018 – February, 2019	Participants of training at UDC	Teaching and instructing other CA project members
2	May, 2018 – February, 2019	All partner Universities	Developing curriculum and syllabuses of the master program on Computational Linguistics, developing content materials
3	March, 2019 – August, 2019	All CA partner Universities	Developing online courses
4	August, 2019 – November, 2019	KazNU – 1 e-book/ methodological book ENU – 1 e-book/ methodological book KSU – 1 e-book/ methodological book	Teaching and Learning Materials – 7 e-books and methodological books

		UrSU – 1 e-book/ methodological book TSUUL – 1 e-book/ methodological book SamSIFL – 1 e-book/ methodological book NUUz – 1 e-book/ methodological book	
5	Spring, 2019	AMU	Training academic staff for developing NLP tools - 5 trained staff from each CA University
6	May, 2019 – December, 2019	KazNU – 1 NLP tool ENU and KSU – 1 NLP tool UrSU and TSUUL – 1 NLP tool SamSIFL and NUUz – 1 NLP tool	Developing NLP tools