



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

**“Development of innovative curricula and  
modules in Circular Economy and  
Sustainable Development”**



## **Work Package 7: Piloting**

### **D7.1 – Pilot Plan**

#### **P9. KarUK**

*This project has been funded with support from the European Commission. This communication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.*



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#	Tasks	Content	Responsible partners	Due Date (month number)												Result	In-kind Contributions and Subcontracting (Yes/No and which)
				19	20	21	22	23	24	25	26	27	28	29	30		
<b>D7.1 – Pilot Plan</b>																	
<b>T7.1 Coordination and monitoring over the pilot implementation of modules in CA partners</b>															<b>Yes S7.1</b>		
1	Providing online instructions, implementation support and analysis of research results	Coordination of online instructions on the study of module implementation monitoring parameters with all partners	KarUK												Online instruction on the study of module implementation monitoring parameters with all partners		
2	Presentation of online instructions on the study of monitoring parameters for the implementation of modules in Circular Economy	Familiarization with the online instruction on the study of monitoring parameters for the implementation of modules in CA	KarUK												Presentation of online instructions for monitoring the implementation of modules with all partners		



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	in CA partners	partners																
3	Development of indicators for conducting a test check of educational materials and other components of the introduction of innovative interdisciplinary modules in Circular Economy into the educational process at the levels: - Bachelor level - Master level - Life-long learning	Coordination of indicators for conducting a test check of educational materials and other components of the introduction of innovative interdisciplinary modules in Circular Economy into the educational process at the levels: - Bachelor level - Master level - Life-long learning	KarUK All Partners															Indicators of conducting a test check of educational materials and other components of the introduction of innovative interdisciplinary modules on Circular Economy into the educational process for educational programs
4	Presentation of indicators for conducting a test check of	Familiarization with the indicators of conducting a test	KarUK															Presentation of indicators for conducting a test check of educational



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	educational materials and other components of the introduction of innovative interdisciplinary modules in Circular Economy into the educational process at the levels: - Bachelor level - Master level - Life-long learning	check of educational materials and other components of the introduction of innovative interdisciplinary modules in Circular Economy into the educational process for those implemented at the levels: - Bachelor level - Master level - Life-long learning																	materials and other components of the introduction of innovative interdisciplinary modules on Circular Economy into the educational process
5	Conducting a test check of educational materials and other components of the introduction of	Conducting a test check by requesting data on approved schedules and verification parameters at the	KarUK																Data (in accordance with the approved indicators) of the test results by requesting data in accordance with the approved schedules and



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innovative interdisciplinary modules in Circular Economy into the educational process for partner universities at the following levels: - Bachelor level - Master level - Life-long learning	KarUK														verification parameters in KarUK
	Conducting a test check by requesting data on approved schedules and verification parameters at the EKTU	KarUK EKTU													Data (in accordance with the approved indicators) of the test results by requesting data in accordance with the approved schedules and verification parameters in EKTU
	Conducting a test check by requesting data on approved schedules and verification parameters at the ABU	KarUK ABU													Data (in accordance with the approved indicators) of the test results by requesting data in accordance with the approved schedules and verification parameters in ABU
	Conducting a test	KarUK													Data (in accordance





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	Conducting a test check by requesting data on approved schedules and verification parameters at the TSIF	KarUK TSIF																Data (in accordance with the approved indicators) of the test results by requesting data in accordance with the approved schedules and verification parameters in TSIF	
	Conducting a test check by requesting data on approved schedules and verification parameters at the TUT	KarUK TUT																Data (in accordance with the approved indicators) of the test results by requesting data in accordance with the approved schedules and verification parameters in TUT	
	Conducting a test check by requesting data on approved schedules and verification parameters at the TSUC	KarUK TSUC																Data (in accordance with the approved indicators) of the test results by requesting data in accordance with the approved schedules and verification parameters	



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		Conducting a test check by requesting data on approved schedules and verification parameters at the WIUT	KarUK WIUT															in TSUC	
		Conducting a test check by requesting data on approved schedules and verification parameters at the CAU	KarUK CAU															Data (in accordance with the approved indicators) of the test results by requesting data in accordance with the approved schedules and verification parameters in WIUT	
6	Development of a research program and questionnaire for conducting an online survey of participants of innovative	Coordination with partner universities of the research program and questionnaire for conducting an online survey of	KarUK CA partners															Research program and questionnaire for conducting an online survey of participants of innovative interdisciplinary modules on Circular	





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	interdisciplinary modules in Circular Economy at the following levels: - Bachelor level - Master level - Life-long learning	participants of innovative interdisciplinary modules in Circular Economy at the following levels: - Bachelor level - Master level - Life-long learning															Economy at the following levels: - Bachelor level, - Master level, - Life-long learning	
7	Receiving feedback from participants and trainees of innovative interdisciplinary modules in Circular Economy at the following levels: - Bachelor level - Master level - Life-long learning	Coordination of the schedule and procedures for conducting an online survey	KarUK CA partners														Schedule and procedures for conducting an online survey	
		Conducting research using online questionnaires to identify emerging or potential problems, as well as weaknesses to solve them and make adjustments for improvement	KarUK														Primary data from the results of the online survey of KarUK participants of innovative interdisciplinary modules on Circular Economy	



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		of the KarUK																		
		Conducting research using online questionnaires to identify emerging or potential problems, as well as weaknesses to solve them and make adjustments for improvement of the EKTU	KarUK EKTU																	Primary data from the results of the online survey of EKTU participants of innovative interdisciplinary modules on Circular Economy
		Conducting research using online questionnaires to identify emerging or potential problems, as well as weaknesses to solve them and make adjustments for improvement of the ABU	KarUK ABU																	Primary data from the results of the online survey of ABU participants of innovative interdisciplinary modules on Circular Economy
		Conducting	KarUK																	Primary data from the



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		research using online questionnaires to identify emerging or potential problems, as well as weaknesses to solve them and make adjustments for improvement of the KoKSU	KoKSU														results of the online survey of KoKSU participants of innovative interdisciplinary modules on Circular Economy	
		Conducting research using online questionnaires to identify emerging or potential problems, as well as weaknesses to solve them and make adjustments for improvement of the AST	KarUK AST														Primary data from the results of the online survey of AST participants of innovative interdisciplinary modules on Circular Economy	
		Conducting research using online	KarUK TSIEM														Primary data from the results of the online survey of TSIEM	



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		questionnaires to identify emerging or potential problems, as well as weaknesses to solve them and make adjustments for improvement of the TSIEM																	participants of innovative interdisciplinary modules on Circular Economy	
		Conducting research using online questionnaires to identify emerging or potential problems, as well as weaknesses to solve them and make adjustments for improvement of the TSIF	KarUK TSIF																Primary data from the results of the online survey of TSIF participants of innovative interdisciplinary modules on Circular Economy	
		Conducting research using online questionnaires to identify emerging	KarUK TUT																Primary data from the results of the online survey of TUT participants of innovative	





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		as weaknesses to solve them and make adjustments for improvement of the WIUT																Economy	
		Conducting research using online questionnaires to identify emerging or potential problems, as well as weaknesses to solve them and make adjustments for improvement of the CAU	KarUK CAU															Primary data from the results of the online survey of CAU participants of innovative interdisciplinary modules on Circular Economy	
		Development and coordination of a research program and a guide for conducting a focus group of participants of innovative interdisciplinary	KarUK CA partners															A research program and a guide for conducting a focus group of participants of innovative interdisciplinary modules on Circular Economy	



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		modules on Circular Economy																
		Coordination of the schedule and procedures for conducting a focus group	KarUK CA partners															Schedule and procedure for conducting a focus group
		Conducting research using the focus group method to identify emerging or potential problems, as well as weaknesses to solve them and make adjustments to improve KarUK	KarUK															Primary data from the results of a focus group of KarUK participants of innovative interdisciplinary modules on Circular Economy
		Conducting research using the focus group method to identify emerging or potential problems, as well	KarUK EKTU															Primary data from the results of a focus group of EKTU participants of innovative interdisciplinary modules on Circular Economy



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		as weaknesses to solve them and make adjustments to improve EKTU																
		Conducting research using the focus group method to identify emerging or potential problems, as well as weaknesses to solve them and make adjustments to improve ABU	KarUK ABU															Primary data from the results of a focus group of ABU participants of innovative interdisciplinary modules on Circular Economy
		Conducting research using the focus group method to identify emerging or potential problems, as well as weaknesses to solve them and make adjustments to improve KoKSU	KarUK KoKSU															Primary data from the results of a focus group of KoKSU participants of innovative interdisciplinary modules on Circular Economy





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	Conducting research using the focus group method to identify emerging or potential problems, as well as weaknesses to solve them and make adjustments to improve AST	KarUK AST												Primary data from the results of a focus group of AST participants of innovative interdisciplinary modules on Circular Economy	
	Conducting research using the focus group method to identify emerging or potential problems, as well as weaknesses to solve them and make adjustments to improve TSIEM	KarUK TSIEM												Primary data from the results of a focus group of TSIEM participants of innovative interdisciplinary modules on Circular Economy	
	Conducting research using the focus group method to	KarUK TSIF												Primary data from the results of a focus group of TSIF participants of innovative	





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		solve them and make adjustments to improve TSUC																
		Conducting research using the focus group method to identify emerging or potential problems, as well as weaknesses to solve them and make adjustments to improve WIUT	KarUK WIUT															Primary data from the results of a focus group of WIUT participants of innovative interdisciplinary modules on Circular Economy
		Conducting research using the focus group method to identify emerging or potential problems, as well as weaknesses to solve them and make adjustments to improve CAU	KarUK CAU															Primary data from the results of a focus group of CAU participants of innovative interdisciplinary modules on Circular Economy



8	Processing and analysis of test data for the introduction of innovative interdisciplinary modules in Circular Economy into the educational process for educational programs at the following levels: - Bachelor level - Master level - Life-long learning	Processing and analysis of data obtained during the test examination of educational materials and other components of the introduction of innovative interdisciplinary modules in Circular Economy into the educational process	KarUK														The processed data of the test verification of educational materials and other components of the introduction of innovative interdisciplinary modules on Circular Economy into the educational process	
		Processing and analysis of primary information obtained during an <i>online questionnaire survey</i> at universities in CA	KarUK														Processed data from the online questionnaire survey	



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		Processing and analysis of primary information obtained during <i>focus group</i> at universities in CA	KarUK											Processed data from focus group	
		Conclusions and recommendations based on the results of monitoring the results of the pilot implementation of innovative interdisciplinary modules in Circular Economy in the educational process for educational programs implemented within the framework at the following levels:	KarUK											Conclusions and recommendations based on the results of monitoring the results of the pilot implementation of innovative interdisciplinary modules in Circular Economy in the educational process for educational programs implemented within the framework at the following levels: - Bachelor level - Master level - Life-long learning	



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		<ul style="list-style-type: none"> <li>- Bachelor level</li> <li>- Master level</li> <li>- Life-long learning</li> </ul>																
		Development of point-based (if necessary) recommendations based on identified or potential problems, as well as weaknesses to solve them and make adjustments in order to improve the implementation of the program for each university participating in the program	KarUK															Precise (if necessary) recommendations based on identified or potential problems, as well as weaknesses to address them and make adjustments to improve the implementation of the program for each university participating in the program
9	Pilot Adjustment report	Preparation of an interim report on the results of monitoring the pilot	KarUK															Report on the Pilot Adjustment of modules in Circular Economy in the educational process





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		partner universities: - Bachelor level - Master level - Life-long learning																
		Presentation of the pilot implementation of innovative interdisciplinary modules in Circular Economy levels into the KarUK educational process: - Bachelor level - Master level - Life-long learning	KarUK															Presentation of the KarUK Pilot implementation
		Presentation of the pilot implementation of innovative interdisciplinary modules in Circular Economy levels into the	EKTU															Presentation of the EKTU Pilot implementation





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		EKTU educational process: - Bachelor level - Master level - Life-long learning																
		Presentation of the pilot implementation of innovative interdisciplinary modules in Circular Economy levels into the ABU educational process: - Bachelor level - Master level - Life-long learning	ABU															Presentation of the ABU Pilot implementation
		Presentation of the pilot implementation of innovative interdisciplinary modules on Circular Economy levels into the	KoKSU															Presentation of the KoKSU Pilot implementation



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		<p>KoKSU educational process:</p> <ul style="list-style-type: none"> <li>- Bachelor level</li> <li>- Master level</li> <li>- Life-long learning</li> </ul>													
		<p>Presentation and discussion of the results of the Pilot Adjustment report on the introduction of universities of Kazakhstan into the educational process of innovative interdisciplinary modules on Circular Economy levels:</p> <ul style="list-style-type: none"> <li>- Bachelor level</li> <li>- Master level</li> <li>- Life-long learning</li> </ul>	KarUK											<p>Presentation of the Pilot Adjustment report of the universities of Kazakhstan</p>	
		<p>Presentation of the pilot</p>	TUT											<p>Presentation of the TUT Pilot</p>	





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		<p>results of the Pilot Adjustment report on the introduction of universities of Tajikistan into the educational process of innovative interdisciplinary modules in Circular Economy levels:</p> <ul style="list-style-type: none"> <li>- Bachelor level</li> <li>- Master level</li> <li>- Life-long learning</li> </ul>																report of the universities of Tajikistan		
		<p>Presentation of the pilot implementation of innovative interdisciplinary modules in Circular Economy levels into the TSIEM educational process:</p>	TSIEM																Presentation of the TSIEM Pilot implementation	



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		<ul style="list-style-type: none"> <li>- Bachelor level</li> <li>- Master level</li> <li>- Life-long learning</li> </ul>																
		Presentation of the pilot implementation of innovative interdisciplinary modules in Circular Economy levels into the TSIF educational process: <ul style="list-style-type: none"> <li>- Bachelor level</li> <li>- Master level</li> <li>- Life-long learning</li> </ul>	TSIF															Presentation of the TSIF Pilot implementation
		Presentation of the pilot implementation of innovative interdisciplinary modules in Circular Economy levels into the AST educational process:	AST															Presentation of the AST Pilot implementation



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		<ul style="list-style-type: none"> <li>- Bachelor level</li> <li>- Master level</li> <li>- Life-long learning</li> </ul>																	
		<p>Presentation and discussion of the results of the Pilot Adjustment report on the introduction of universities of Turkmenistan into the educational process of innovative interdisciplinary modules in Circular Economy levels:</p> <ul style="list-style-type: none"> <li>- Bachelor level</li> <li>- Master level</li> <li>- Life-long learning</li> </ul>	KarUK																<p>Presentation of the Pilot Adjustment report of the universities of Turkmenistan</p>
		<p>Presentation of the pilot implementation of innovative interdisciplinary</p>	WIUT																<p>Presentation of the WIUT Pilot implementation</p>



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		modules in Circular Economy levels into the WIUT educational process: - Bachelor level - Master level - Life-long learning																
		Presentation of the pilot implementation of innovative interdisciplinary modules in Circular Economy levels into the CAU educational process: - Bachelor level - Master level - Life-long learning	CAU															Presentation of the CAU Pilot implementation
		Presentation and discussion of the results of the Pilot Adjustment report	KarUK															Presentation of the Pilot Adjustment report of the universities of







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	universities at the following levels: - Bachelor level - Master level - Life-long learning																	
12	Report on monitoring	Presentation of the results of monitoring the Pilot implementation of innovative interdisciplinary modules in Circular Economy of Central Asian Universities at the educational levels in the educational process: - Bachelor level - Master level - Life-long learning	KarUK															Report on the results of monitoring the pilot implementation of innovative interdisciplinary modules in Circular Economy in the educational process for the implemented curricula of Central Asian Universities at the levels: - Bachelor level - Master level - Life-long learning