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**MODERNISATION OF HIGHER EDUCATION
IN CENTRAL ASIA
THROUGH NEW TECHNOLOGIES
(HiEdTec)**



OPEN EDUCATIONAL RESOURCES EVALUATION REPORT IN KAZAKHSTAN

**Project: Modernization of Higher Education in Central Asia through New
Technologies (HiEdTec)**

Project №: 598092-EPP-1-2018-1-BG-EPPKA2-CBHE-SP

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EXECUTIVE SUMMARY

The report on the Questionnaire for the Assessment of Open Educational Resources in Kazakhstan was prepared in accordance with the training courses that were conducted in partner universities from Kazakhstan.

This will be an assessment of open educational resources in Kazakhstan. The quality and possibilities of using open educational resources in Kazakhstan were assessed taking into account the specific conditions in Kazakhstan.

The evaluation of open educational resources in Kazakhstan will reflect the opinions of the participants. The purpose of this assessment is to determine whether open educational resources in Kazakhstan have been properly created in accordance with the requirements. This evaluation report will be attached to the progress reports.

Open Educational Resources in Kazakhstan was organized in accordance with the project "Modernization of the system of higher education in Central Asia with the help of new technologies" (HiEdTech), WP4.4.

INTRODUCTION

The purpose of the evaluation was to collect feedback on open educational resources in Kazakhstan. A virtual library of Kazakhstan has been created with digital educational resources based on the distance learning environment Moodle LMS.

5 web-based courses were created by teachers of Almaty Technological University (P2), Eurasian National university (P3), Innovative University of Eurasia (P4).

Within the framework of the HiEdTec project, communication equipment was supplied to the universities of the consortium of the Republic of Kazakhstan on the basis of which a virtual library of Kazakhstan was created, which hosts 15 web-based courses. Open educational resources in Kazakhstan were created in accordance with the project "Modernization of Higher Education in Central Asia through New Technologies" (HiEdTec) with the aim of improving the qualifications of teachers, teaching digital skills, adapting the educational system to the digital generation through



active and effective use based on ICT innovative educational technologies, thereby contributing to the digital transformation of education.

PROJECT OVERVIEW

Trainers trained in digital skills and innovative teaching and learning methods have organized teacher training courses at every partner university in Kazakhstan. The courses were focused on a practical orientation and allowed lecturers / teachers to further use them in the educational process.

The main goal of the project is to adapt the education system in partner countries to the digital generation by introducing and effectively using innovative educational technologies and didactic models based on ICT in the educational process.

The consortium consists of 24 full partners - universities from 4 EU countries and 5 PS. The project will help transform partner universities into innovative universities and improve the quality of trained specialists required for digital transformation of industries (Industry 4.0).

The project recognizes the use of technology in transforming learning, developing collaboration solutions, enhancing the role of educators in an innovative technology-supported learning environment, enabling them to engage in professional learning that prepares them to skillfully apply research-based approaches to didactic learning.



HiEdTech SURVEY RESULTS

General information

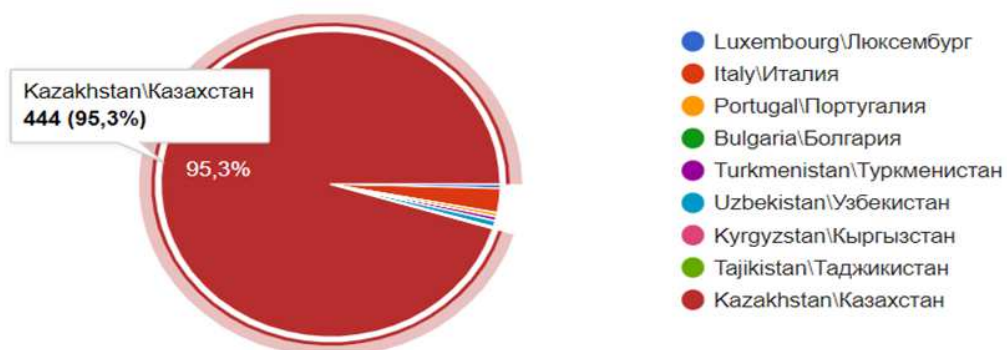
We received a total of 444 responses to our questionnaire:

4.4_ Questionnaire for evaluating open educational resources, Kazakhstan

1. Which country are you from? Какую страну вы представляете?



466 ответов

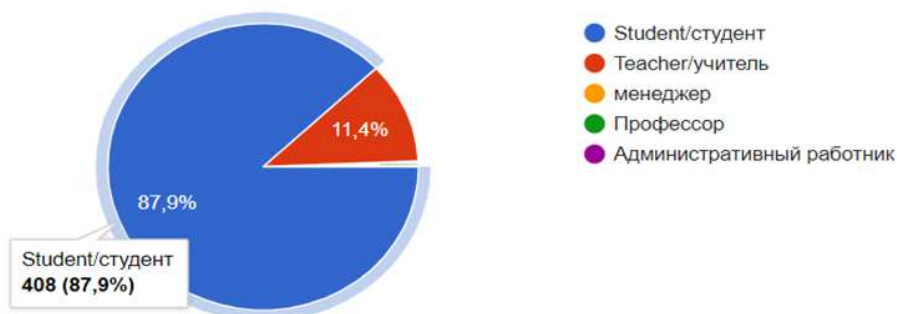


A total of 444 responses were received. The geography of participants is shown in Figure 1. (95.3%) of the respondents were from Kazakhstan. An analysis of the responses regarding open educational resources was provided in two languages.

2. Who are you? Кто вы?



464 ответа



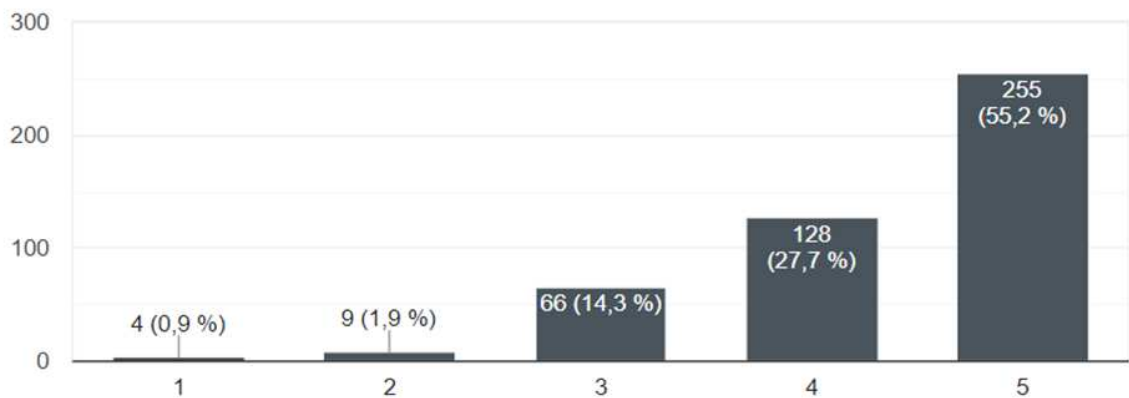
408 (87,9%) were students, whereas 53 (11,4%) were teachers.



3. Overall, please tell us how well structured the open educational resources - 1 means not at all well structured and 5 means extremely well structured\ В целом, пожалуйста, расскажите нам, насколько хорошо структурированы открытые образовательные ресурсы - 1 означает плохо структурировано, а 5 означает очень хорошо структурировано.



462 ответа



Respondents evaluate the structure of the open educational resources for Kazakhstan as follows:

Value	Number
1	4
2	9
3	66
4	128
5	255

An analysis of 462 answers on this question shows that 4 (0,9% less than 1%) of the respondents think that the open educational resources are not very well structured, 255 (55.2%) of respondents say that the OER are well and very well structured.

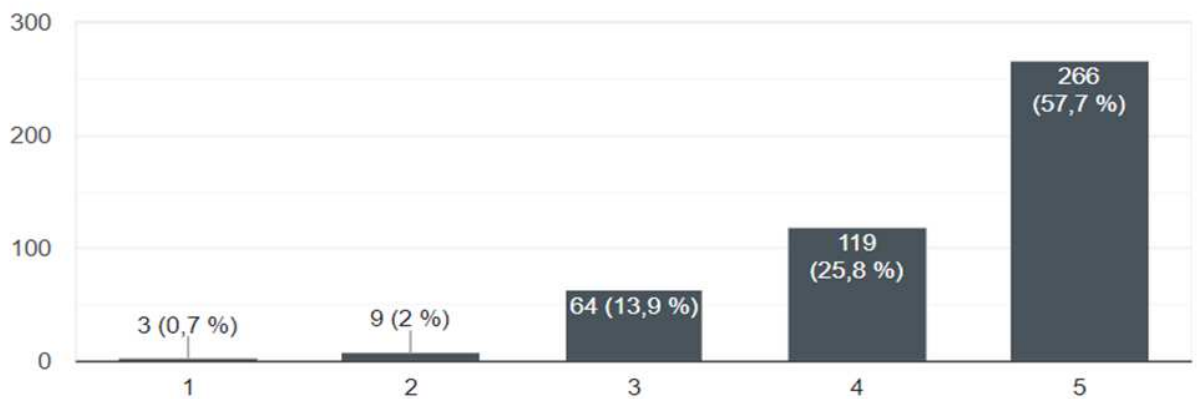


4. Please tell us how you rate the quality using a 1 to 5 scale where 1 means very bad and 5 means extremely good.



\Пожалуйста, расскажите нам, как вы оцениваете качество по шкале от 1 до 5, где 1 означает очень плохо, а 5 - очень хорошо.

461 ответ



Respondents evaluate the quality of the open educational resources for Kazakhstan as follows:

Value	Number
1	3
2	9
3	64
4	119
5	266

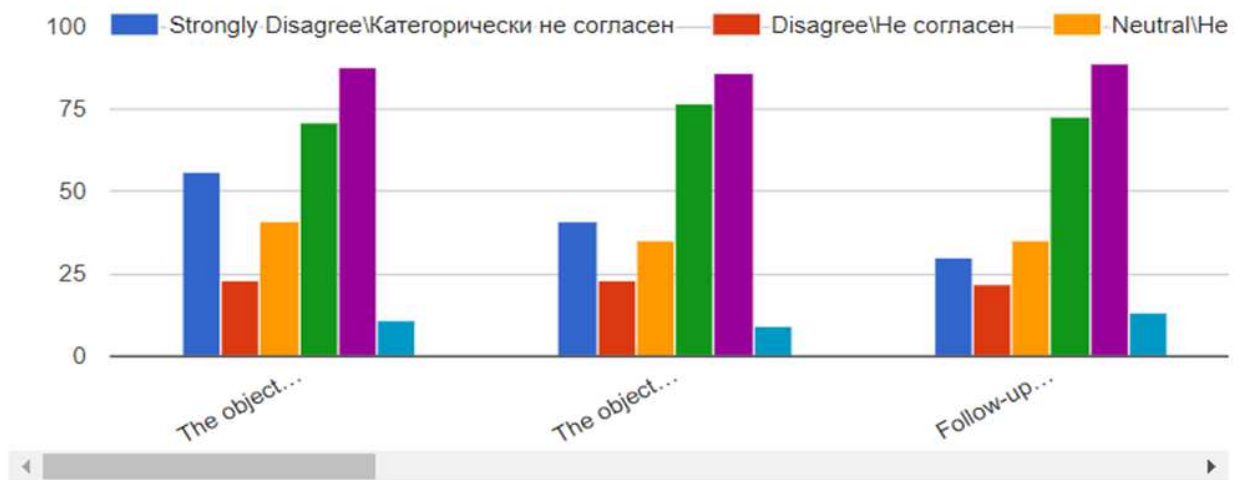
An analysis of 461 answers on this question shows that 3 (0,7% less than 1%) of the respondents think that the quality of open educational resources is not very good, 266 (57.7%) of respondents



say that the quality of OER is extremely good.

5. Now we have a few questions about the objectives of the open educational resources. Please tell us your level of agreement with the following statements about the training courses, using a 1 to 5 scale, where 1 means you strongly disagree and 5 means you strongly agree. If a statement does not apply to you, please select "NA."/Теперь у нас есть несколько вопросов о целях открытых образовательных ресурсов. Пожалуйста, сообщите нам уровень вашего согласия со следующими утверждениями об учебных курсах, используя шкалу от 1 до 5, где 1 означает, что вы категорически не согласны, а 5 означает, что вы полностью согласны. Если утверждение к вам не относится, выберите «Н/П».

Копировать



We received answers to the question about the objectives of open educational resources, where the agreement with the statements about the training courses was evaluated on a scale of 1 to 5, where 1 - means that you strongly disagree, 2 - disagree 3 – neutrality 4 – agree 5 - completely agree NA (not agreed) - If it has nothing to do with the issue.

	Indicators	1	2	3	4	5	N/a
1	The objectives were clearly communicated	7	11	18	141	256	11

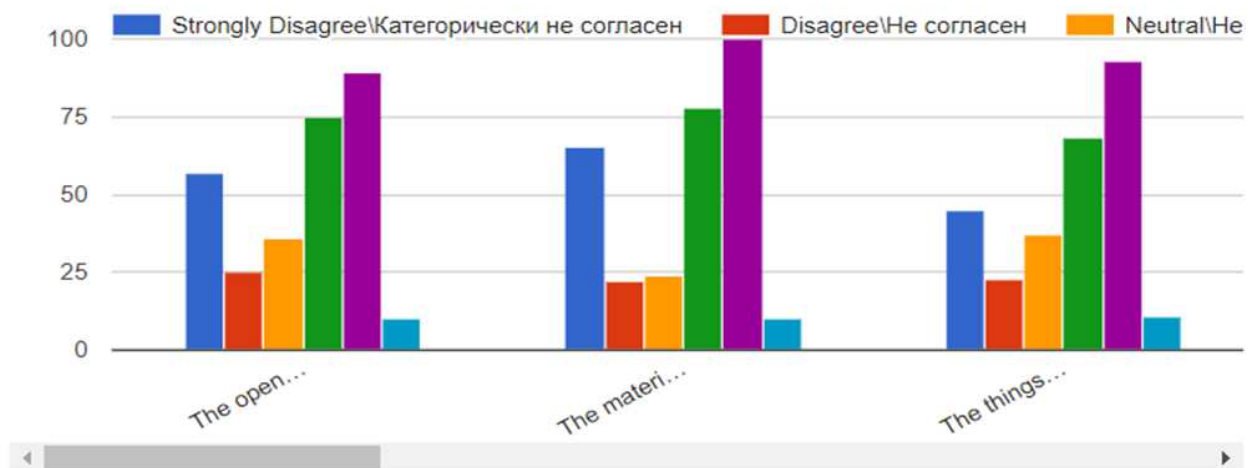


2	The objectives were me	4	9	18	121	283	9
3	Follow-up actions resulted from the open educational resources	6	11	43	99	274	11
4	It is clear for what the material is needed for	3	10	14	112	297	8
5	The right people were addressed with the open educational resources	6	13	20	107	285	13
6	The technical equipment has been explained sufficiently	4	9	29	95	299	8
7	The technical equipment is exactly the one necessary and working for this purpose	7	11	23	92	301	10
8	I can correctly use and explain what I have to do to use the open educational resources	3	25	7	137	284	8
9	The material is exactly what is needed in the Institution to advance the learning processes	1	3	18	117	294	11
10	The material provided helps to develop the teaching in an innovative way	5	9	20	111	288	11
11	The students profit from the new innovative teaching	3	7	13	137	274	10

An analysis of the respondents' answers shows that for the objectives of open educational resources, there are about 1% who strongly disagree with the training material objectives. Those who agree and completely agree are 92%



6. We would also like to get your feedback on the outreach of the open educational resources. Please tell us your level of agreement with the following statements using a 1 to 5 scale, where 1 means you strongly disagree and 5 means you strongly agree. / Мы также хотели бы получить ваши отзывы об использовании открытых образовательных ресурсов. Пожалуйста, сообщите нам уровень вашего согласия со следующими утверждениями, используя шкалу от 1 до 5, где 1 означает, что вы категорически не согласны, а 5 означает, что вы полностью согласны.



We received answers to the question about the outreach of open educational resources, where the agreement with the statements about the outreach of training courses was evaluated on a scale of 1 to 5, where 1 - means that you strongly disagree, 2 - disagree 3 – neutrality 4 – agree 5 - completely agree NA (not agreed) - If it has nothing to do with the issue.

	Indicators	1	2	3	4	5	N/a
1	The open educational resources will have an impact	5	13	16	143	260	7
2	The material is useful for the teaching/studying at my Institution	6	7	15	121	286	9
3	The things I can learn with the open educational resources will help me to attract better students to the institution	4	9	40	105	276	9
4	The open educational resources will help to	4	13	10	114	295	8



	create more innovative teaching inside the institution						
5	The learned information helps teachers to hold more interesting classes	6	11	22	101	291	13
6	The open educational resources help teachers to please the needs of their students better	4	12	26	104	290	8
7	The open educational resources deliver exactly the result that I expected when we started the project	5	10	21	97	300	12
8	The open educational resources make my life as a teacher/student easier	3	24	8	137	284	8
9	The open educational resources makes teaching/studying more fun	1	2	17	119	294	11
10	The open educational resources make students learn better	5	9	10	121	289	10
11	The students seem to have more fun during their studies when using the new open educational resources	3	7	10	140	273	11

An analysis of the respondents' answers shows that for the outreach of open educational resources, there are about 1% who strongly disagree with the outreach of training materials. Those who agree and completely agree are 93%.



7. If the open educational resources was not what you expected,, what would you have expected? / Если бы открытые образовательные ресурсы оказались не такими, как вы ожидали, чего бы вы ожидали?

192 ответа

Необычные вещи

Человек, который дает хорошее образование, который может протянуть руку помощи бедным, но очень образованным ученикам, знает, как улучшить образование учеников и создает систему обучения.

Искала подходящую себе открытую образовательную программу

Бесплатная литература, онлайн конференции, учебный материал в открытом доступе

ожидания оправданы

Я стану искать другой ресурс .



незнаю

We received answers to the question about the expectations of open educational resources. We got the following answers:

Don't know

Yes

Good

Unusual things

A person who gives a good education, who can lend a helping hand to poor but highly educated students, knows how to improve the education of students and creates a system of education.



I was looking for a suitable open educational program
Free literature, online conferences, educational material in the public domain
Expectations are justified
Changes
Interesting slides on the projector
Everything was as I think
New educational resources
Exactly the same
I would do as I expected
Use the material provided
Completeness of knowledge
Even better performance
Evaluation of participants, after quality improvement
Openness and brevity
Adding master classes to improve skills
Everything is fine
Good education
Convenience and clarity of the interface
Everything is so good
New knowledge
Changes in education
Result is better than my expectation
Stop writing and lecturing, classes in a more playful and educational way
Accessibility and understandability
Good results
Innovative training within the educational institution



Improving Information Gathering Skills

8. If you disagree with any of the point above in No.6 or 7, please comment here mentioning the reasons. / Если вы не согласны с любым из пунктов выше в № 6 или 7, пожалуйста, прокомментируйте здесь с указанием причин.

151 ответ

нет

Согласна

согласна

Согласен

Да

я согласна

Ничего

Yes

Согласны

Я согласна

We received answers to the question about the expectations of open educational resources. We got the following answers:

Yes

Good


Agree completely

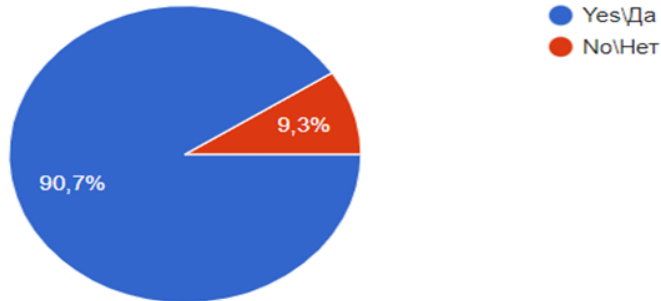


- I agree with everything
- Everything is fine
- Open educational resources help students learn better
- Very good resource and understandable
- Agree with everything
- Satisfied
- Fully agree, the learning process has improved
- Cool

9. Was the material for the open educational resources given on time?/Был ли вовремя предоставлен материал для открытых образовательных ресурсов?

454 ответа

 Копировать



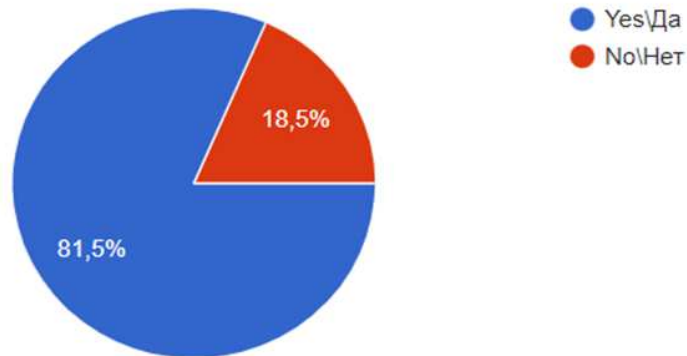
An analysis of 454 answers on this question shows that 412(90,7%) of the respondents report that the open educational resources were given on time, whereas 42 (9,3%) of respondents say that the OER were not presented on time.



10. Did you get the chance for comments and criticism? / Вы получили возможность для комментариев и критики?

 Копировать

454 ответа



An analysis of 454 answers on this question shows that 370 (81,5%) of the respondents report that they were able to comment and criticize open educational resources, whereas 84 (18,5%) of respondents report that they were not able to comment and criticize open educational resources.



11. If the answer to question 10 was no, what comments or criticism would you have on the open educational resources? \ Если бы ответ на вопрос 10 был отрицательным, какие комментарии или критические замечания вы могли бы предоставить по поводу открытых образовательных ресурсов?

145 ответов

Нет
Да
Никакие
Никаких
Ничего
нет
Yes
Нету
Ответ был положительным

We received answers to the question about the possibility to criticize open educational resources. We got the following answers:

Nothing

I do not have any questions

No comments

No, I'm not writing, I'm looking for other resources

I do not know

Difficult to answer

Everything suits me



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Got a chance

Reintroduce distance learning

Server stability

Everything was wonderful

Everything is fine

These materials are interesting and captivating.

Availability is constant

There are no comments, open resources are available, only positive feedback from students

I wish educational resources were easier to use and more intuitive



12. Any other comments\ Любые другие комментарии

137 ответов

нет

Yes

Без комментариев

Все хорошо

Very good

--

комментариев нет



We received answers to the question about other comments about open educational resources. We got the following answers:

No comments

Everything is fine

Very good

We are fine, I love it!

Continuous improvement

Everything suits me



Everything was done to the highest standard.

Good luck

Satisfied with this way of learning!

Thank you for the opportunity to develop open resources

Develop the MOOC system

Everything is accessible and understandable

Thanks!!!

CONCLUSION

This report is an assessment of open educational resources in Kazakhstan. As a result, lecturers/teachers learned how to organize innovative digital skills-based courses, how to benefit from the Moodle learning management system, and how to produce effective video lectures based on the centers.

We chose the questionnaire as a methodology for assessing the quality of work and evaluating the results for future results.

WE CAN CONCLUDE FROM ANSWERS THAT:

- The structure of Open Educational Resources (OER) is very well structured;
- The quality of open educational resources meets high requirements;
- The goals of open educational resources have been clearly stated;
- Achieved learning objectives were at a high level;
- OER material helps develop learning in an innovative way
- OER make life easier for both teacher and student
- OER help students learn better
- Students enjoy learning more with new open educational resources
- There are good opportunities for comments, criticism and timing;
- The training was useful for all users.