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**Modernisation of Higher Education in  
Central Asia through New  
Technologies (HiEdTec)**



# **EVALUATION OF THE DEVELOPED CONCEPTS OF ADAPTING THE EDUCATION SYSTEM TO THE DIGITAL GENERATION CONSIDERING THE SPECIFIC CONDITIONS OF TAJIKISTAN**

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

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**Project Coordinator: ANGEL KANCHEV UNIVERSITY OF RUSE**



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## **EXECUTIVE SUMMARY**

An Evaluation of the developed Concept of adapting the education system to the digital Generation considering the specific conditions of Tajikistan will be performed. The idea is to see that, will the Concept define the adaptation of the new education system in Tajikistan to the new digital learning and teaching generation or not. This evaluation report will be annexed to the progress reports.

The Concept is designed in accordance with the project of Modernization of Higher Education in Central Asia through new technologies (HiEdTec), WP5.3. CONCEPT for adapting the education system to the digital generation.



## INTRODUCTION

The purpose of the Concept evaluation was to gather feedback of knowledge and experience of EU partner country Universities and Tajikistan partner Universities on developing Concepts of adapting the education system to the digital Generation considering the specific conditions of Tajikistan.

**The aim of the concept** is to adapt the education system to the digital generation by developing and effectively applying innovative educational technologies and didactic models in teaching, thereby providing the opportunity for **EVERYONE** to study at **ANY** time and in **ANY** place with the help of **ANY** teacher, using **ANY** end device a computer, laptop, tablet, phablet, smartphone, etc.

**The concept was developed on the basis of:**

1. DIGITAL EDUCATION ACTION PLAN 2020, adopted by the European Commission.
2. Priorities of the European Commission Education, Audiovisual and Culture Executive Agency, published in 2018. One of them is aimed specifically at “**MODERNIZING HIGHER EDUCATION THROUGH NEW EDUCATIONAL TECHNOLOGIES**”.
3. STATE STRATEGY “INFORMATION AND COMMUNICATION TECHNOLOGIES FOR THE DEVELOPMENT OF THE REPUBLIC OF TAJIKISTAN”
4. MESSAGE FROM THE LEADER OF THE NATION, THE PRESIDENT OF THE REPUBLIC OF TAJIKISTAN EMOMALI RAKHMOM MAJLISI OLI OF THE REPUBLIC OF TAJIKISTAN (2016)

To validate the Syllabus, we used an online questionnaire asking the opinion of the project partners and user of the Syllabus.

## PROJECT OVERVIEW

The main aim of the project is to adapt the education system in the PCs to the digital generation through the introduction and effective use of ICT-based Innovative Educational Technologies and Didactic Models (IET&DMs) in the teaching process.

This aim corresponds to the strategic priorities for the development of education in each of the PCs, i.e. supporting the use of digital technologies and online delivery to improve pedagogies and assessment methods.

The project will help to turn the partner Higher Educational Institutions (HEIs) into innovative Universities and will improve the quality of the trained specialists necessary to perform the Digital Transformation of Industries (Industry 4.0).

The consortium comprises of 24 full partners – HEIs from 4 EU countries and 5 PCs.



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The consortium includes two types of HEIs: European HEIs with solid experience in the innovative educational technologies and HEIs from Central Asia which want to introduce these technologies and open pedagogies in the field of higher education in order to improve and extend the supply of high-quality learning opportunities tailored to the needs of digital learners. The consortium also includes all PC Ministries of Education which will contribute to the dissemination, extension of impact and sustainability of project results in each PC.

The EU partners are well-known European Universities with rich experience in IETs. In addition, a part of them have established contacts and cooperation with some of the partners from the PCs and are therefore familiar with the higher education system, the facilities available and the main challenges which HEIs in the PCs face. This provisional knowledge of some of the EU partners and their Universities is an essential prerequisite for establishing successful collaboration from the project start.



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## HIEDTEC QUESTIONNAIRE RESULTS

### General Information

We received 31 answer to our questionnaire:

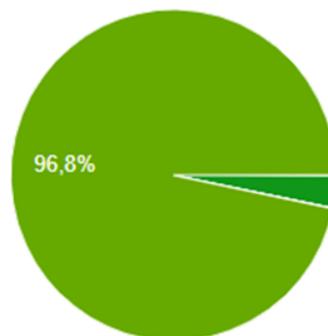
Tajikistan -30 responses

Bulgaria -1 response

### 1. Which country are you from?

1. Which country are you from? Из какой страны Вы?

31 ответ



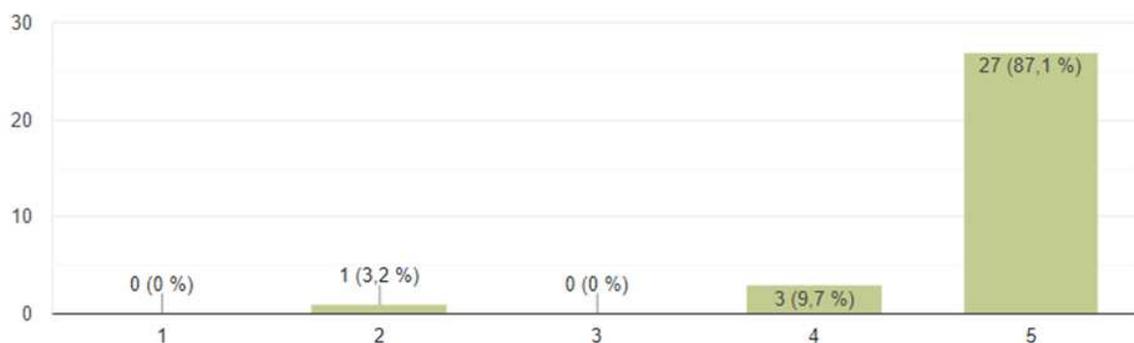
**2. Overall, please tell us how well structured the Concept is 1 means not at all well-structured and 5 means extremely well structured?**



2. Overall, please tell us how well structured the Concept is 1 means not at all well structured and 5 means extremely well structured. 2. Пожалуйста, расскажите нам, в целом, насколько хорошо структурирована концепция: 1 означает, что она не очень хорошо структурирована, а 5 означает, что она очень хорошо структурирована.



31 ответ

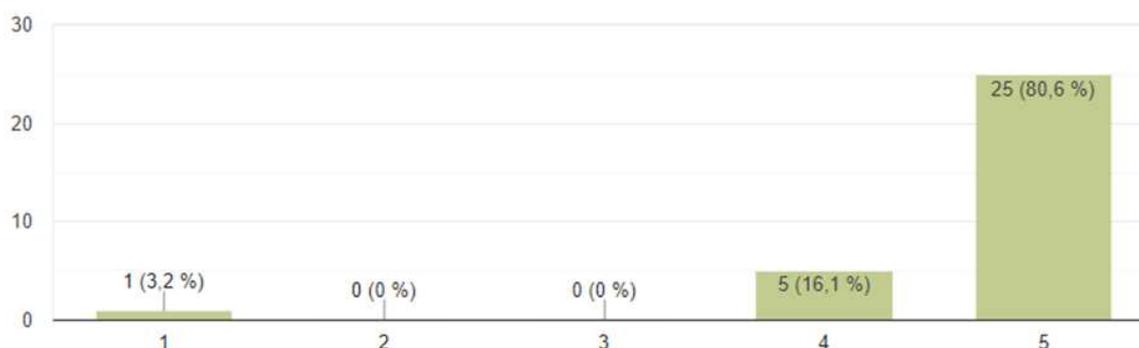


From 31 answers 87,1% of the responders find the structure of Concepts extremely well-structured, 9,7 % as well structured and 3,2% normal structured.

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

3. 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 систему шкалы от 1 до 5, где 1 означает - очень плохо, а 5-очень хорошо

31 ответ



There were 31 answers for this question, from which 80,6 % find the quality of the Concepts extremely good, 16,1% as very good and 3,2 % very bad.



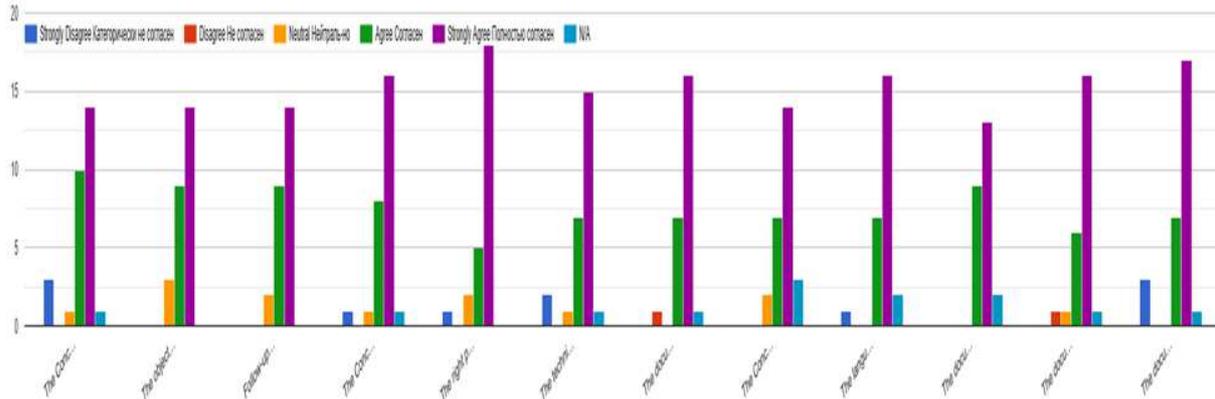
**4. Now we have a few questions about the layout and content. Please tell us your level of agreement with the following statements about the Concept, using a 1 to 5 scale, where 1 means you strongly disagree and 5 means you strongly agree. If a statement does not apply to you, please select "NA."**

The structure of the questions were following:

- The Concept's objectives were clearly communicated
  - 14 responders from 31 strongly agreed
  - 10 responders agreed
  - 1 responder neutral
  - 3 responders strongly disagree
  - 1 responder N/A
- The objectives were met
  - 14 responders from 31 strongly agreed
  - 10 responders agreed
  - 3 responders neutral
- Follow-up actions resulted from the Concept
  - 14 responders from 31 strongly agreed
  - 9 responders agreed
  - 3 responders neutral
- The Concept was well understandable
  - 16 responders from 31 strongly agreed
  - 8 responders agreed
  - 1 responder neutral
  - 1 responder strongly disagree
  - 1 responder N/A
- The right people were addressed by the Concept
  - 18 responders from 31 strongly agreed
  - 5 responders agreed
  - 2 responders neutral
  - 1 responder strongly disagree
- The technical instruments (Word Form and paper version) used for the documentation of the Concept was easy to access
  - 15 responders from 31 strongly agreed
  - 7 responders agreed



- 1 responder neutral
- 2 responders strongly disagree
- 1 responder N/A
  
- The document is practical and dynamic.
  - 16 responders from 31 strongly agreed
  - 7 responders agreed
  - 1 responder disagree
  - 1 responder N/A
  
- The Concept adds a sense of accomplishment and a feeling of progress for the project
  - 14 responders from 31 strongly agreed
  - 7 responders agreed
  - 2 responders disagree
  - 3 responders N/A
  
- The language used was appropriate
  - 16 responders from 31 strongly agreed
  - 7 responders agreed
  - 1 responder strongly disagree
  - 2 responders N/A
  
- The document had the appropriate length
  - 13 responders from 31 strongly agreed
  - 9 responders agreed
  - 2 responders N/A
  
- The document was well structured
  - 18 responders from 31 strongly agreed
  - 6 responders agreed
  - 1 responder neutral
  - 1 responder disagree
  - 1 responder N/A
  
- The document was well understandable
  - 17 responders from 31 strongly agreed
  - 7 responders agreed
  - 3 responders strongly disagree
  - 1 responder N/A

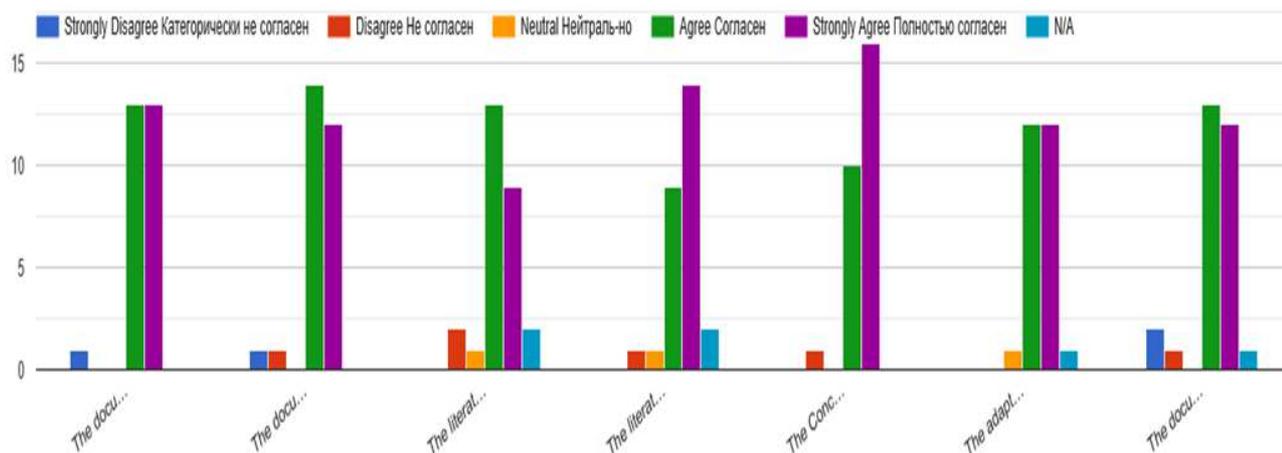


**5. We would also like your feedback on the outcome of the Concept. Please tell us your level of agreement with the following statements using a 1 to 5 scale, where 1 means you strongly disagree and 5 means you strongly agree.**

- The document will have an impact
  - 13 responders from 31 strongly agreed
  - 13 responders agreed
  - 1 responder strongly disagree
  
- The document was useful for the adaptation and understanding
  - 12 responders from 31 strongly agreed
  - 14 responders agreed
  - 1 responder disagree
  - 1 responder strongly disagree
  
- The literature recommended in the document was understandable
  - 9 responders from 31 strongly agreed
  - 13 responders agreed
  - 1 responder neutral
  - 2 responders disagree
  - 2 responders N/A
  
- The literature recommended in the Concept was useful
  - 14 responders from 31 strongly agreed
  - 9 responders agreed
  - 1 responder neutral
  - 1 responder disagree
  - 2 responders N/A



- The Concept helped me understand the aims of the creation of a new digitalization in the corresponding country
  - 16 responders from 31 strongly agreed
  - 10 responders agreed
  - 1 responder neutral
  - 1 responder disagree
  - 1 responder N/A
- The adapted Concept met the objectives described in the document
  - 12 responders from 31 strongly agreed
  - 12 responders agreed
  - 1 responder neutral
  - 1 responder N/A
- The document given was what I expected for the concept of digitalization
  - 12 responders from 31 strongly agreed
  - 13 responders agreed
  - 1 responder disagree
  - 2 responders strongly disagree
  - 1 responder N/A



**6. If the Concept document was not appropriate in length, what would you have added or deleted?**

The answers were written in Russian and English. From 31 responders only 10 wrote their opinion.

- The document is quite normal
- Concept document is appropriate



- The concept was appropriate nothing
- I have added
- delete
- Nothing
- Overall, the Concept was appropriate
- It is fully consistent
- The main digitization needs and various static data.

**7. If you disagree with any of the points above in No.5, please comment here mentioning the reasons.**

The answers were written in Russian and English.. 3 responders from 31.

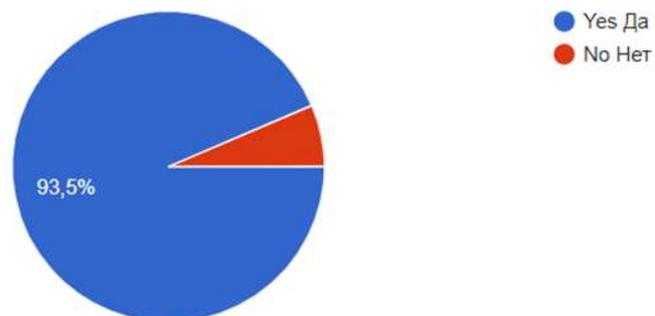
- I agree
- I am strongly agree
- I agree with all the points

**8. Were the Concept documents sent on time?**

From 31 responders 93,5 % choose yes and 6,5% No.

8. Were the Concept documents sent on time? 8. Была ли Концепция отправлена в срок?

31 ответ



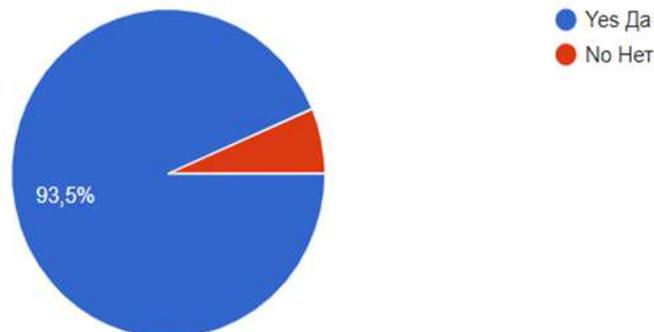
**9. Did you get the chance for comments and criticism?**

From 31 responders 93,5 % choose yes and 6,5% No.



9. Did you get the chance for comments and criticism? 9. У вас была возможность для комментариев и критики?

31 ответ

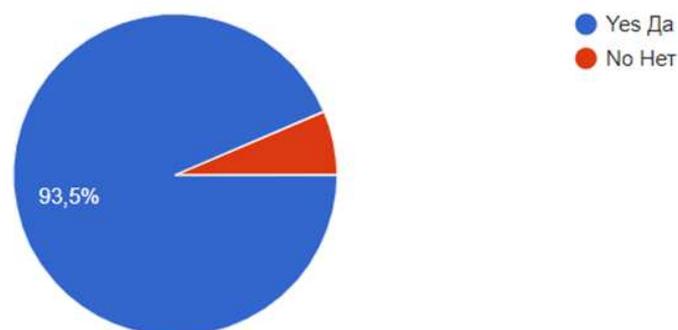


**10. Did you have appropriate time to revise and give comments on the document draft?**

From 31 responders 93,5 % choose yes and 6,5% No.

10. Did you have appropriate time to revise and give comments on the document draft? 10. Было ли у вас достаточно времени, чтобы пересмотреть и прокомментировать проект документа?

31 ответ



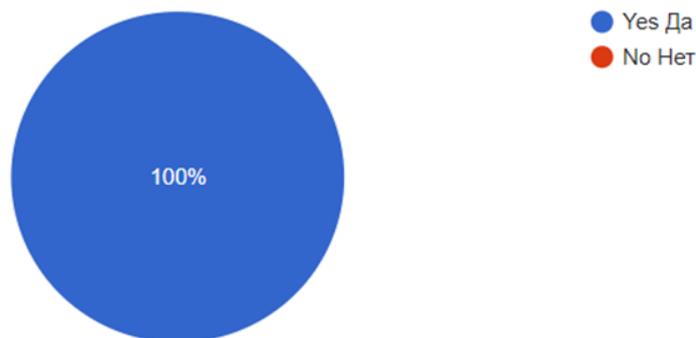
**11. Was the final documents produced and sent in an appropriate time after the draft was circulated?**

From 31 responders 100 % choose yes



11. Was the final documents produced and sent in an appropriate time after the draft was circulated? 11. Были ли окончательные документы подготовлены и направлены в надлежащее время после распространения проекта?

31 ответ



**12. If the answer to question 9 was no, what comments would you have on the document?**

The answers were written in Russian and English. From 31 responders only 3 wrote their opinion.

- Your document is not appropriate
- Fix the deficiencies
- No

**13. Any other comments:**

The answers were written in Russian and English. From 31 responders only 8 wrote their opinion.

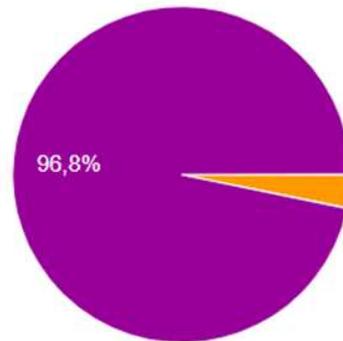
- Thank you
- No comments
- Was very Interesting
- No comments
- I have not comment
- Thank you very much.
- The concept has been prepared at the appropriate level
- Thank you

**14. Which county's document are you referring to?**



14. Which county's document are you referring to? 14. На документ какого региона вы ссылались?

31 ответ



## CONCLUSION

This report is the evaluation of the developed Concepts of adapting the education system to the digital Generation considering the specific conditions of Tajikistan created for HiEdTec project. We chose a questionnaire as methodology to estimate the quality of work and evaluate the results for future deliverables.

### We can conclude from answers that:

- The structure of the Concept is very high;
- The quality of the Concept is very high;
- The quality of the layout and content is high;
- The level of agreement about outcome of the concept is high;
- The workflow and timing between partners is on high level;
- Content of developed deliverables is appropriate;
- The Concept is useful for users.