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



# REPORT ON THE 8TH PROJECT MEETING

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

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

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



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## List of Abbreviations & meanings

HiEdTec	– <i>Modernisation of Higher Education in Central Asia through New Technologies</i>
QA	– <i>Quality assurance</i>
MG	– <i>Management Group</i>
EB	– <i>Evaluation Board</i>
WP	– <i>Work Package</i>
WP LT	– <i>WP Leading Team</i>
MP	– <i>Management Plan</i>
UR	– <i>University of Ruse Angel Kanchev</i>
ATU	– <i>Almaty Technological University</i>
InEU	– <i>Innovative University of Eurasia</i>
AIU	– <i>Ala-Too International University</i>
IKSU	– <i>Issyk Kul State University named after K.Tynystanov</i>
KSTU	– <i>Kyrgyz State Technical University named after I. Razzakov</i>
KhoSU	– <i>Khorog State University named after M.Nazarshoev</i>
TTU	– <i>Tajik technical University named after academician M.Osimi</i>
TUT	– <i>Technological University of Tajikistan</i>
IUHD	– <i>International University for the Humanities and Development</i>
TITU	– <i>Oguz Han Engineering and Technology University of Turkmenistan</i>
SEIT	– <i>State Power Engineering Institute of Turkmenistan</i>



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- AndMI – *Andijan Machine-Building Institute*
- TSUE – *Tashkent State University of Economics  
Tashkent University of Information Technologies named  
after Muhammad al-Khwarizmi*
- TUIT – *after Muhammad al-Khwarizmi*
- UPV – *Università degli Studi di Pavia*
- UL – *University of Luxembourg*
- UC – *University of Coimbra*
- MES – *Ministry of Education and Science of the Republic of  
Kazakhstan*
- MES – *Ministry of Education and Science of the Kyrgyz Republic*
- MES – *Ministry of Education and Science of the Republic of  
Tajikistan*
- MET – *Ministry of Education of Turkmenistan*
- MHSSE – *Ministry of Higher and Secondary specialized education of  
the Republic of Uzbekistan*



## INTRODUCTION


The 8<sup>th</sup> HiEdTec meeting held in personal form 04<sup>th</sup> – 09<sup>th</sup> July 2022 in **Pavia, ITALY**  
**University of Pavia** with following Agenda:

<b>04 July Monday</b>	<b>Arrival day</b>	Accommodation Walk in Pavia
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### Day 1 Main university building - AULA FOSCOLO

<b>05 July Tuesday</b>	<b>09:00 – 09:30</b>	<b>Registration of the participants in the meeting</b>
	09:30 – 10:00	<b>OPENING CEREMONY</b>
		Moderator: <b>Prof. Marco Porta</b> Lecturer at the University of Pavia
		Speaker: <b>Prof. Matteo Alvaro</b> – Rector's Delegate for International Relations
		Speaker: <b>Alberto Forte</b> Center for Global Strategic Engagement (GLOBEC) of the University of Pavia
		Speaker: <b>Prof. Angel Smrikarov</b> – HiEdTec Coordinator
	10:00 – 10:20	Brief introduction of participants Speakers: <b>the participants</b>
	10:20 – 10:30 10:30 – 10:50	<b>Presenting the University of Pavia</b> Presenting: WP4.5. Virtual Library of the digital educational resources in Kyrgyzstan. WP4.4. Open educational resources developed in Kyrgyz State Technical University - status, problems. Discussions.
	10:50 – 11:10	Presenting: WP4.4. Open educational resources developed in Ala-Too International University - status, problems. Discussions.
	11:10 – 11:30	Presenting: WP4.4. Open educational resources developed in Issykkul State University - status, problems. Discussions.
	11:30 – 12:00	<b>Coffee Break</b>
	12:00 – 12:20	Presenting: WP4.5. Virtual Library of the digital educational resources in Kazakhstan. WP4.4. Open educational resources developed in Almaty Technological University - status, problems. Discussions.



	12:20 – 12:40	Presenting: WP4.4. Open educational resources developed in Eurasian National University - status, problems. Discussions.
	12:40 – 13:00	Presenting: WP4.4. Open educational resources developed in Innovative University of Eurasia - status, problems. Discussions.
	13:00 – 13:30	Photo of the Project Meeting participants in front of the main building of the University 
	13:30 – 14:30	Lunch Break – Courtyard of the main building of the University, close to Aula Foscolo
	14:30 – 14:50	Presenting: WP4.5. Virtual Library of the digital educational resources in Tajikistan. WP4.4. Open educational resources developed in Technological University of Tajikistan - status, problems. Discussions.
	14:50 – 15:10	Presenting: WP4.4. Open educational resources developed in Khorog State University - status, problems. Discussions.
	15:10 – 15:30	Presenting: WP4.4. Open educational resources developed in Tajik Technical University - status, problems. Discussions.
	15:30	Walk at the university (visit of historical lecture rooms and other places)
	18:00	Visit of the Orto Botanico (Botanical Garden) of the University (address: Via Sant'Epifanio 14)
	19:00	Joint dinner at the premises of the Botanical Garden (address: Via Sant'Epifanio 14)

## Day 2

### Engineering Campus, Aula 4 (via A. Ferrata 5)

<b>06 July Wednesday</b>	10:00 – 10:20	Presenting: WP4.5. Virtual Library of the digital educational resources in Turkmenistan. WP4.4. Open educational resources developed in State Power Engineering Institute of Turkmenistan - status, problems. Discussions.
	10:20 – 10:40	Presenting: WP4.4. Open educational resources developed in International University of Humanities and Development - status, problems. Discussions.
	10:40 – 11:00	Presenting: WP4.4. Open educational resources developed in Oguz Han Engineering and Technology University of Turkmenistan - status, problems. Discussions.
	11:00 – 11:30	Coffee Break
	11:30 – 11:50	Presenting: WP4.5. Virtual Library of the digital educational resources in



		Uzbekistan. WP4.4. Open educational resources developed in Tashkent University of Information Technology - status, problems. Discussions.
	11:50 – 12:10	Presenting: WP4.4. Open educational resources developed in Andijan Machine-Building Institute in Uzbekistan - status, problems. Discussions.
	12:10 – 12:30	Presenting: WP4.4. Open educational resources developed in Tashkent State University of Economics - status, problems. Discussions.
	12:30 – 13:30	Lunch Break – University Cafeteria of the Faculty of Engineering
	13:30 – 13:40	Presentation from the Ministry of Education and Science of Kazakhstan
	13:40 – 13:50	Presentation from the Ministry of Education and Science of the Kyrgyz Republic
	13:50 – 14:00	Presentation from the Ministry of Education and Science of the Republic of Tajikistan
	14:00 – 14:10	Presentation from Ministry of Education of Turkmenistan
	14:10 – 14:20	Presentation from Ministry of Higher and Secondary specialized education of the Republic of Uzbekistan
	14:20 – 14:30	Discussion
	14:30 – 15:00	WP1.5 Sustainable academic network Speaker: <b>Stefanie Östlund</b>
	15:00 – 15:30	A word from the evaluator Speaker: <b>Robert Janz</b>
	15:30 – 16:00	Closing time
	16:00 – 17:00	Visit to the museum of Electrical Engineering
	17:00 – 19:00	Visit to some historical places of Pavia

### Day 3

#### Engineering Campus, Aula 4 (via A. Ferrata 5)

<b>07 July Thursday</b>	10:00 – 10:30	Development of centers for innovative educational technologies and active learning classrooms Speaker: <b>Prof. Angel Smrikarov</b>
	10:30 – 10:40	Evaluation of the centers for innovative educational technologies Speaker: <b>Stefanie Östlund</b>
	10:40 – 11:00	Evaluation of the 6th meeting of the project Speaker: <b>Stefanie Östlund</b>
	11:00 – 11:30	Coffee Break
	11:30 – 11:45	Financial issues Speaker: <b>Stoyanka Smrikarova</b> – HiEdTec financial manager





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	11:45 – 13:00	Individual work with the partners <b>Stoyanka Smrikarova – HiEdTec financial manager</b>
	13:00 – 14:00	Lunch Break – University Cafeteria of the Faculty of Engineering
	14:00 – 18:00	Visit to the Certosa of Pavia (by bus)
	18:00 – 19:30	Visit to some historical places of Pavia
	19:45	Joint dinner at Ristorante Bardelli (address: Lungo Ticino Visconti 2)

### Day 4 Engineering Campus, Aula 4 (via A. Ferrata 5)

<b>08 July Friday</b>	10:00 – 10:30	Determining the degree of digitalization of a (higher) education institution Speaker: <b>Prof. Angel Smrikarov</b>
	10:30 – 11:00	9 <sup>th</sup> project meeting plan Speaker: <b>Angel Smrikarov</b>
	11:00 – 11:30	Instructions for compiling the Final report Speaker: <b>Tzvetomir Vassilev</b>
	11:30 – 12:00	Instructions for compiling the Final report Speaker: <b>Stoyanka Smrikarova</b>
	12:00 – 12:30	Closing time
	12:30 – 13:30	Lunch Break – University Cafeteria of the Faculty of Engineering
<b>09 July Saturday</b>	Departure day	



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## 1 HiEdTec 8<sup>TH</sup> PROJECT MEETING FEEDBACK

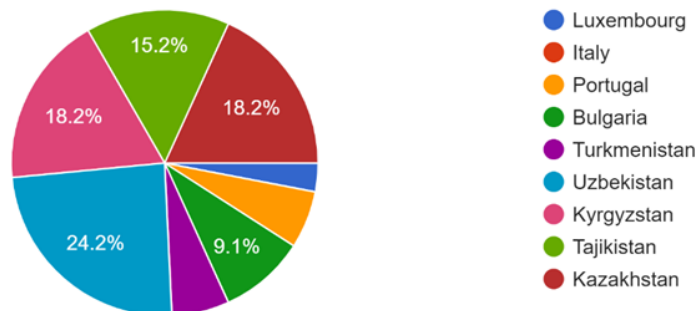
Based on consortium agreement, University of Luxembourg created a questionnaire to get feedback from all participating partners. This work is related to the projects' Internal Evaluation System and Quality and Assurance Plan (D5.1). There were 33 partners responding and they evaluated the quality of the seventh HiEdTec meeting in Pavia, Italy.

We get 33 responses what is maximum from beginning of the project. Partners of the project used to use answering questionnaires and validating quality of the meetings. This is in line with Project Quality management.

The evaluation questions were the following:

### 1. Which country are you from?

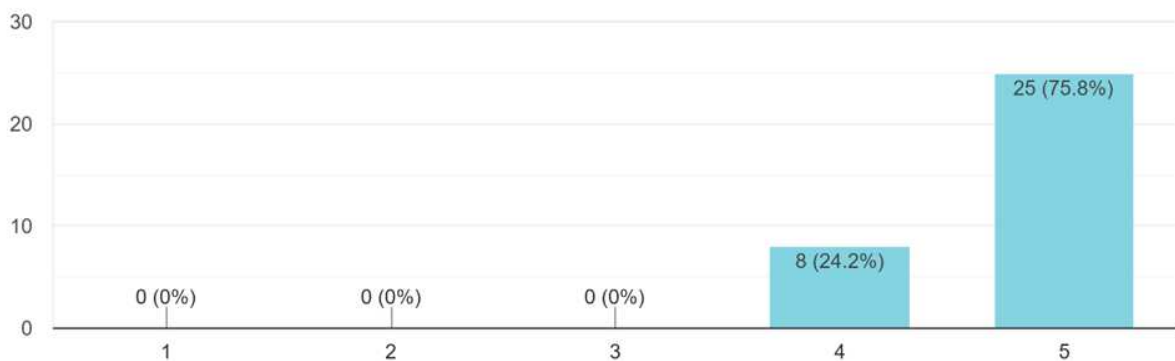
33 responses





2. Overall, please tell us how productive the meeting was using a 1 to 5 scale where 1 means not at all productive and 5 means extremely productive.

33 responses



- The meeting validates 33 partners with 75,8% of participants found meeting extremely productive, 24,2% productive.
- Overall there is increasing satisfaction of responder's compare especially for high productive and productive. Based on answers, the members prefer personal meetings and found this way of project meetings very productive.

3. Please tell us why you feel that way about how productive the meeting was.

25 responses

- There were some discussions that led into a good direction with participation of the partner countries.
- The meetings were quite productive, but it would be great to have more official time for discussion
- Tasks for the successful completion of the project were identified. The results of creating virtual libraries and web courses were discussed.
- The fact that it was a face-to-face meeting.
- A good platform for discussions in a real time.
- All goals determined before meeting were achieved
- The meeting was organised and conducted at a high level. The current project progress in regard to the established virtual libraries and the developed open educational resources was reported in detail. The brainstorming session in work groups about the future of the project and the continuation of the partnership and cooperation was useful.



- All country's give full reports about their activities for development educational web based courses
- Each partner university presented its web-based courses. The coordinator of the project presents a very interesting and fruitfully presentation about determining the degree of digitalisation of education institution.
- received a lot of information on the further promotion of the project
- All the planned tasks are done on time and properly
- exchange of experiences, improvement of qualifications, new opportunities, acquaintances
- All events were held on schedule and the goals of the meetings were achieved!
- We could see results of partner universities to share experience
- Because, I met with the colleagues from different countries of the world. I have learnt a lot of information about new technology and modernization of Higher education. Especially, Professor Angel has shown presentation about the New Modern Laboratory.
- exchange of experience, scientific productivity
- Overall meeting helped us to keep up with project tasks and more communication helped to betterment of current activities we are working on
- Partner contries had the opportunitie to present the courses they developed and share experiencies
- The meeting was well organized and the participants performed the tasks clearly
- I acquired new network and friends
- The meeting was very productive, because all the participants presented the really done work. Also, it became possible to study the experience of colleagues from other countries. The atmosphere of the meeting was amazing.
- In general the objectives were met.
- CA partners presented that most of their WEB-based courses are ready. We discussed future cooperation and possible topics of future projects.
- Because finaly we can meet face to face and discussing together all of nessury problems

At the meeting, not only the results of the work performed during the project by all participants were summed up, but also the exchange of experience and new ideas. There was also a very interesting and rich cultural program.

4. Now we have a few questions about the meeting content and its organization. Please tell us your level of agreement with the following statements about the meeting 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 the meeting you attended, please select "NA."



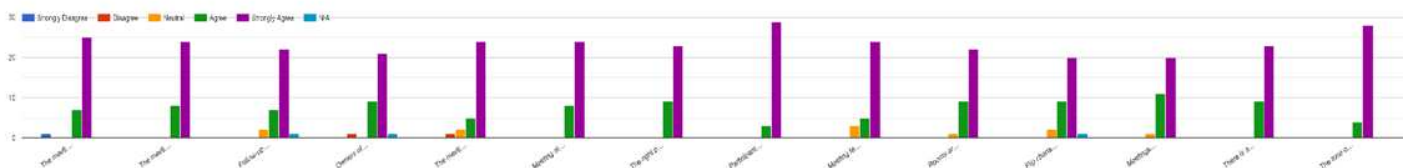
The questions structure and answers:

- The meeting objectives were clearly communicated in advance of the meeting
  - 25 responders from 33 strongly agreed
  - 7 responder agreed
  - 1 strongly disagreed
- The meeting objectives were met
  - 24 responders from 32 strongly agreed
  - 8 responders agreed
- Follow-up actions resulted from the meeting
  - 22 responders from 32 strongly agreed
  - 7 responders agreed
  - 2 responders stayed neutral
  - 1 responder N/A
- Owners of follow-up actions were assigned
  - 21 responders from 32 strongly agreed
  - 9 responders agreed
  - 1 responder disagree
  - 1 responder N/A
- The meeting leader(s) effectively moderated the meeting
  - 24 responders from 32 strongly agreed
  - 5 responders agreed
  - 2 responder stayed neutral
  - 1 responder disagreed
- Meeting attendees had an opportunity to participate
  - 24 responders from 32 strongly agreed
  - 8 responder agreed
- The right people were invited to the meeting
  - 23 responders from 32 strongly agreed
  - 9 responders agreed
- Participants know what is expected of them in advanced and are ready to contribute
  - 29 responders from 32 strongly agreed
  - 3 responders agreed
- Meeting technologies (computers, projectors, screens, phones) are working, prompted, and ready to go. Remote attendees included.
  - 24 responders from 32 strongly agreed
  - 5 responders agreed
  - 3 stayed neutral
- Rooms are selected to fit the meeting. Furniture, supplies, space, outlets, etc. encourage creativity & productive assembly.
  - 22 responders from 32 strongly agreed



- 9 responders agreed
- 1 stayed neutral
- Flip charts, markers, supplies, or technologies for group memory are ample for any length meeting.
  - 22 responders from 32 strongly agreed
  - 9 responders agreed
  - 2 stayed neutral
  - 1 responder N/A
- Meetings are practical, dynamic and interactive. Participants are involved, excited, empowered and informed
  - 20 responders from 32 strongly agreed
  - 11 responders agreed
  - 1 responder stayed neutral
- There is a sense of accomplishment and a feeling of progress. People look forward to meetings that assist their work
  - 23 participants from 32 strongly agree
  - 9 participants agreed
- The tone of meetings is positive regardless of topic. Discussions are professional, respectful, all opinions valued
  - 28 responders from 32 strongly agreed
  - 4 responders agreed

4. Now we have a few questions about the meeting content and its organization. Please tell us your level of agreement with the following statements about the meeting 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 the meeting you attended, please select "NA."



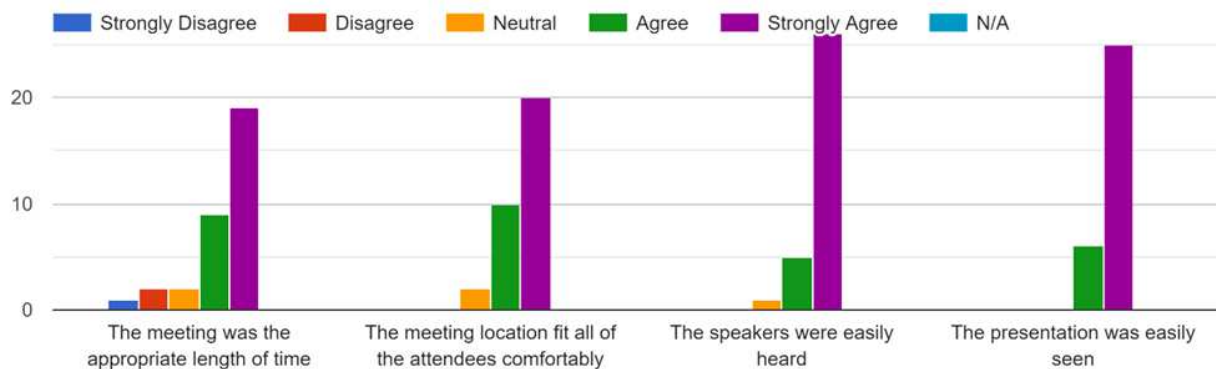


5. We would also like your feedback on the meeting logistics. Please tell us your level of agreement with the following statements using a 1 to 5 scale, where 1 means you strongly disagree and 5 means you strongly agree. If a statement does not apply to the meeting you attended, please select "NA."

The questions structure and answers:

- The meeting was the appropriate length of time
  - 19 responders from 33 strongly agreed
  - 9 responders agreed
  - 2 responders stayed neutral
  - 2 responders disagreed
  - 1 responder strongly disagreed
- The meeting location fit all of attendees comfortably
  - 20 responders from 32 strongly agreed
  - 10 responders agreed
  - 2 responders stayed neutral
- The speakers were easily heard
  - 26 responders from 32 strongly agreed
  - 5 responders agreed
  - 1 stayed neutral
- The presentation was easily seen
  - 25 responders from 31 strongly agree
  - 6 responders agreed

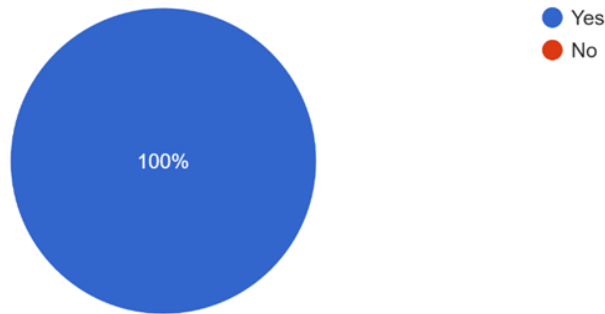
5. We would also like your feedback on the meeting logistics. Please tell us your level of agreement with the following statements using a 1 to 5 scale, w...ply to the meeting you attended, please select "NA."





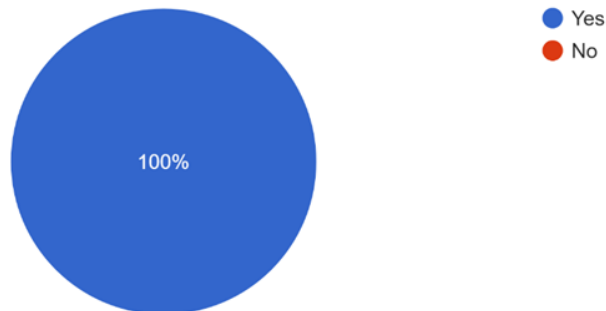
6. Did the meeting start on time?

33 responses



7. Did the meeting end on time?

33 responses



8. What did you find most effective about the meeting?

27 responses

- There were some discussions that led into the direction to make partner countries understand the urge of working together jointly and creating a sustainable network beyond their borders.
- New communications
- Solutions proposed by various countries and universities have become sources of new ideas
- The opportunity to share ideas and learn best of practices.
- The most effective was about real time discussions.





- The meeting was well organized. The meeting premises were convenient, equipped with all the necessary equipment. The discussions and the brainstorming session were fruitful!
- Angel's speech
- information efficiency
- new opportunities in creating courses with modern worldviews
- Face to face conversation about the web-course organization and other things! The good organization and dedication of the participants in the presentation of the work done.
- All events were held at a high level
- Sharing experiences
- Most effective was the presentation of Professor Angel about the new 3D models of technology and requirements for the improving the quality of education. Like what is the percentage of the web based courses. Does the university using the blended learning.
- Organization of the meeting
- New colleagues!
- the rally helped a lot for the self-development of new innovative teaching methods
- Communication
- experiences sharing
- questions and answers based on the presentation of reports, methods for forming a presentation
- Assistive technology
- Meeting each other, communication
- The most effective during the meeting were the distribution of time for speeches and discussion of speeches
- The general organization was very good
- Organization of the sessions in the Engineering campus.
- General discussion of the results of each partner
- Participants discussed their results in a comprehensive manner and received appropriate recommendations for improving the quality of the developed courses and materials.
- The meeting was held in such a way that it allowed us to work with great interest and productively, accepting and enriching ourselves with the experience of colleagues and new ideas.

## 9. What did you find least effective about the meeting?

23 responses

- NA
- N/A



- It is quite long and some presentations would not be needed. More discussion topics and time would be effective. Not just presentations about work done, but more about work planned by every partner.
- In general, the meeting was very successful.
- Nothing in particular.
- Activities for development courses
- The least effective during the meeting was the repetition of the presentation of all countries
- Virtual library
- Everything is excellent. Thanks a lot to the organizers
- Less effective was the some speakers quickly presented their presentation in 2 minutes.
- Everything is efficient
- Exchange of experience in the field of education
- Maybe logistics and location
- The fact that not the entire meeting has been in English
- Specific tasks of project participants
- New online education technology
- Location of following meetings
- I believe that every meeting has its effect
- Sometimes it is difficult to follow the presentations when they are not in English

## 10. Ideas for future meetings, suggestions, comments, etc

18 responses

- Presentation about work planned in the future. Also beyond the end of the project.
- More time for discussion. More private time between daytime (working) and evening activities
- Keep up the business spirit and good organization shown in Pavia. If the meeting will be held in Uzbekistan, provide for the mandatory availability of air conditioners and water in the meeting room.
- None at this point.
- I hope to continue this project in a new format, which discussed the last day in Pavia
- It would be better to have such an opportunity, exchange of experience with other universities. May God give health and long life to such people as the coordinators of this project, so that they are given the opportunity to learn a new method.
- Hope to see all partners in the next Final meeting face to face!
- Meetings are not in the summer. It's very hot in summer
- For the future meeting I wish that all the participants should participate until the end of the meeting. Participants should come on time.



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- Such projects will be jointly continued in the future.
- Such meetings help to improve the quality of education
- More sustainability ideas and promotion of centers, tasks for the future of the center and office
- it would be appropriate if new ideas came within the project from each participant
- More practical presentations
- More time together
- At the next meeting, it is necessary to analyze the results of introducing the programs developed during the project into the educational process at a particular university.
- Meeting should be held in 2 universities in Uzbekistan. Many external stakeholders should be invited for dissemination. CA partners should present their results and future plans.

## **2 CONCLUSION**

Overall, we get most answers after the project meeting.

The outcome is very positive feedback from meeting participants, highly appreciate personal possibility of the meeting.

The project did large progress and the project partners highly appreciate the achievements of the project. Many agreed with the new format starting in Pavia.

Some partners proposed to involved more stakeholders for the next meeting.