



LearnSTEM

Innovative Model of learning STEM in secondary schools

Agenda for the 5th LearnSTEM TPM in Iasi, Romania

4th - 6th September 2024

Project Title: Innovative Model of learning STEM in secondary schools

Acronym: LearnSTEM

Reference number: 2022-1-TR01-KA220-SCH-000087583

Project partners:

P0 Necmettin Erbakan Üniversitesi, Türkiye

P1 Universität Paderborn, Lehrstuhl Wirtschaftspädagogik II, Germany

P2 Ingenious Knowledge GmbH, Germany

P3 IEK Kavala, Greece

P4 EURO-NET, Italy

P5 Colegiul Tehnic "Haralamb Vasiliu", Romania

P6 Yusuf Demir Bilim ve Sanat Merkezi, Türkiye

P7 AHI Evran Anadolu Lisesi

Host & Venue: Hotel Arnia, Șoseaua Arcu, nr. 26, 700137, Iași, România.



Wednesday, 4th September 2024 – Arrival day

Thursday, 5th September 2024 – Meeting day

APPROX. TIME	TOPIC	CHAIR
09:00 – 09:30	Registration and Attendance Attendee registration and signature collection. Distribution of meeting materials.	<i>All partners</i>
09:30 – 09:45	Welcome and Opening Remarks <i>(Gabriel Signeanu)</i> Brief overview of the meeting agenda and objectives.	<i>Colegiul Tehnic Haralamb Vasiliu</i>
09:45 – 10:15	Current status of the project LearnSTEM <i>(Coordinator-Mustafa Kocaoğlu)</i> Review of previous actions. Confirmation of completed actions and pending tasks.	<i>NEU</i>
10:15 – 11:30	Evaluation of Online Learning Platform <i>(Tim Kreuzberg & Rasmus Pechuel)</i> Presentation on the final form of the platform. Usability testing results and feedback from teachers and students. Discussion on improvements and final adjustments. Plans for future use and maintenance.	<i>Ingenious Knowledge</i>
11:30 – 12:30	Planning the Multiplier Event in Kırşehir <i>(Ali Erdem & Hayriye Torunoğlu)</i> Discussion on the upcoming dissemination conference in Kırşehir.	<i>Ahi Evran AL and Yusuf Demir BİLSEM</i>
13:00 – 14:30	<i>Lunch</i>	
14:30 – 15:30	Dissemination and Exploitation Activities <i>(Ali Erdem & Hayriye Ulaş Taraf)</i> Update on dissemination logs and activities.	<i>NEU Ahi Evran AL</i>
15:30 – 16:30	Final Preparations for Project Closure Final report preparation and submission process. Documentary evidence required.	<i>All partners</i>
16:30 – 16.45	Meeting and Project Evaluation Completion of the evaluation form. Collection of feedback from participants.	<i>Colegiul Tehnic Haralamb Vasiliu</i>
16:45 – 17:00	Closure and Certificate Distribution Closing remarks by Gabriel Signeanu. Distribution of certificates and group photo.	<i>Colegiul Tehnic Haralamb Vasiliu</i>

Friday, 6th September 2024 – Departure day



NECMETTİN ERBAKAN
UNIVERSITY

INNOVATIVE MODEL OF LEARNING STEM IN SECONDARY SCHOOLS
2022-1-TR01-KA220-SCH-000087583
Meeting Minutes for the 5th Learn STEM TPM

Host : Colegiul Tehnic "Haralamb Vasiliu"
Date : 4th - 6th September, 2024
Venue : Hotel Arnia, Șoseaua Arcu, nr. 26, 700137, Iași, România
Participants : 17 Participants

Institution	Its representatives
Necmettin Erbakan University (Türkiye)	Mustafa Kocaoğlu Yakup Yılmaz Hayriye Ulaş Taraf
Universität Paderborn (Germany)	Jennifer Schneider Saskia Happ
Ingenious Knowledge GmbH (Germany)	Tim Kreuzberg
EURO-NET (Italy)	Alessandro Rugilo Rocco Caivano
Colegiul Tehnic "Haralamb Vasiliu" (Romania)	Gabriel Signeanu Monica Carp Brindua Ciobanu Ana Siaz
IEK Kavallas (Greece)	Kalliopi Ntolou
Ahi Evran Anadolu Lisesi (Türkiye)	None
Yusuf Demir Bilim ve Sanat Merkezi (Türkiye)	Demet Şener Canlı Turgut Yılmaz Yunus Geçer

Minutes of the Meeting:

1. Welcome and Opening Remarks

- Gabriel and Brindua Ciobanu welcomed participants and provided an overview of the agenda.

2. Project Status Review

- The current status of the LearnSTEM project was discussed, including completed and pending activities.

3. Feedback on Learning Units and Materials

- Feedback from Rasmus (IK) and Marc (UPB) on the learning units and materials of the partner schools was carefully reviewed.



4. Issues and Actions to be taken

- Several issues depending on the feedback were identified, and the following actions must be addressed immediately:

Video Length and Speed: Some videos are too long for the platform. To adjust, the videos were sped up, making them difficult to follow. Please, shorten videos instead of speeding them up. Each partner should edit their videos and make them clear and concise.

Video Sound Quality: Poor sound quality in some videos. Please, re-record or edit videos to improve sound clarity.

Copyright and Licensing Issues: Partners must follow copyright regulations. Please, ensure that all learning materials only use license-free media. Use the recommended websites for copyright-free images:

<https://unsplash.com/de>

<https://de.freepik.com/>

<https://pixabay.com/>

5. Coordination and Review of Final Materials

Once each partner has made the necessary corrections, they should contact Hayriye (NEU) for an online meeting to review the final versions. Following Hayriye's feedback, all PowerPoints and Word documents related to WP2 (learning units) and WP3 (lesson plans) will be converted into PDF format. Please, ensure the titles and headings of the files are correctly formatted before final submission. Each word in the title should be capitalized and heading/titles must be checked for spelling mistakes.

6. Table of Contents for Learning Units for the Online Platform

UPB is expected to create the table of contents for presenting the learning units in order on the platform.

7. H5P Documents

H5P word documents, as previously requested, must be uploaded to the drive by 30 September. Translating H5P documents must also be completed by the 30 September deadline.

https://docs.google.com/spreadsheets/d/1TyulQbOyDCLi_pt9OB7CGLOnNT_NmvSTBCorKcWTT4?usp=drive_fs

8. Logos for Project Products

As we promised in Iasi Meeting, We asked the Turkish National Agency about the use of updated EU logo. They insist on us using the updated EU logo for all pieces of work produced throughout the project. Therefore, please ensure that all project products and learning unit materials include the following mandatory logos as required by the Turkish National Agency. Please, ensure all materials have the following logos:

The project logo

Directorate for EU Affairs logo

Turkish National Agency logo

EU logo



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The three mandatory logos for Erasmus+ or ESC projects that have been/are being implemented under any call between 2021-2027 are, from left to right, the Directorate for EU Affairs logo, the Turkish National Agency logo and the EU logo:



Co-funded by
the European Union

You can find all the logos in the drive: Logos

- Please read the document created to explain the guidelines and principles regarding the usage of logos here.

https://docs.google.com/document/d/1RvrJw0LVsxlyt_zK2INal3KGed74Gs4k?rtpof=true&usp=drive_fs

9. Creative Commons License:

- Please, add the CC BY-SA logo and attribution to all materials. If you remix, adapt, or build upon the material, you must license the modified material under identical terms. Also, by using this logo, you allow others to distribute, remix, and build upon them.



<https://creativecommons.org/share-your-work/cclicenses/>

9. Planning for the Multiplier Event in Kırşehir

Dates: The event was tentatively set for 2-4 December, but a change was proposed to better accommodate local teachers' schedules. Every partner should vote on the new date using the Doodle link. <https://doodle.com/meeting/participate/id/eXnXAQWb>

Responsibility: Kırşehir BİLSEM will create the event infopack. NEU, Ahi Evran AL, and Kırşehir BİLSEM will organize the event.

10. National Workshops

Action: Each partner must organize a half-day workshop for local teachers to disseminate project results and gather feedback.

Proof of Event: Take attendance, collect signatures, and document the event with photos. Send all proof documents to NEU for final reporting.



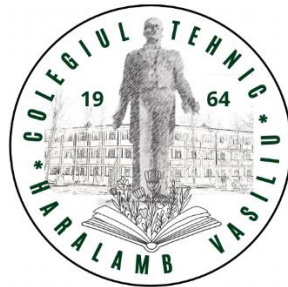
Learn STEM
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in secondary schools



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ERASMUS+ KA220
Cooperation partnerships in school education

TPM EVALUATION
RESULTS OF THE ONLINE EVALUATION



TPM HOSTED IN IAȘI, ROMANIA
BY COLEGIUL TEHNIC „HARALAMB VASILIU”
WORKING DATE: 05.09.2024

Date:
06.09.2024

Reference Number:
2022-1-TR01-KA220-SCH-000087583



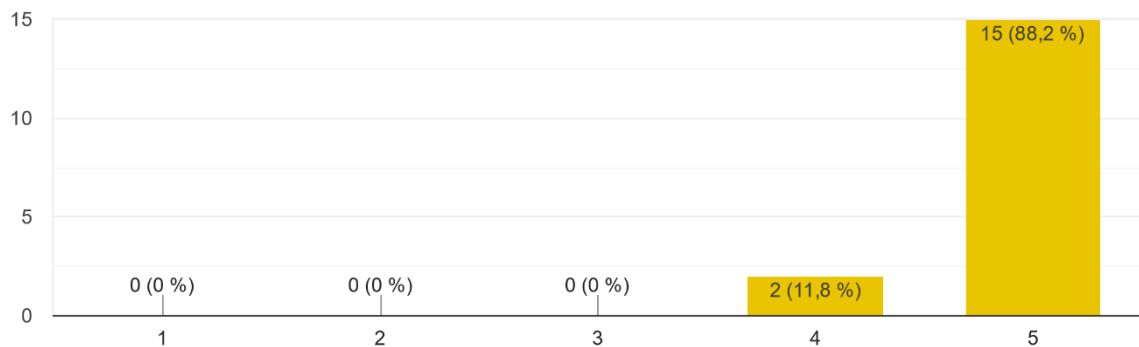
The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

The questionnaire was completed by all persons present at the TPM:

1. EURO-NET
2. Yusuf Demir SAC
3. Paderborn University
4. IEK Kavalas
5. Ingenious Knowledge
6. Necmettin Erbakan Üniversitesi
7. Colegiul Tehnic „Haralamb Vasiliu”

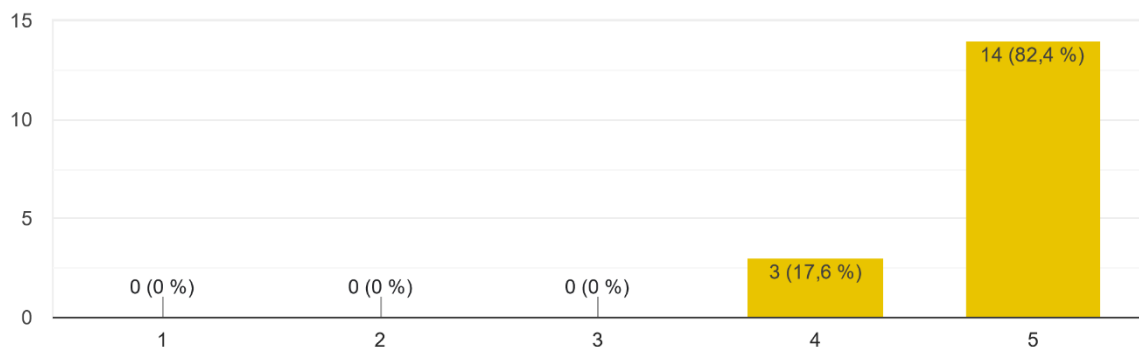
How satisfied you were about the TPM?

17 răspunsuri



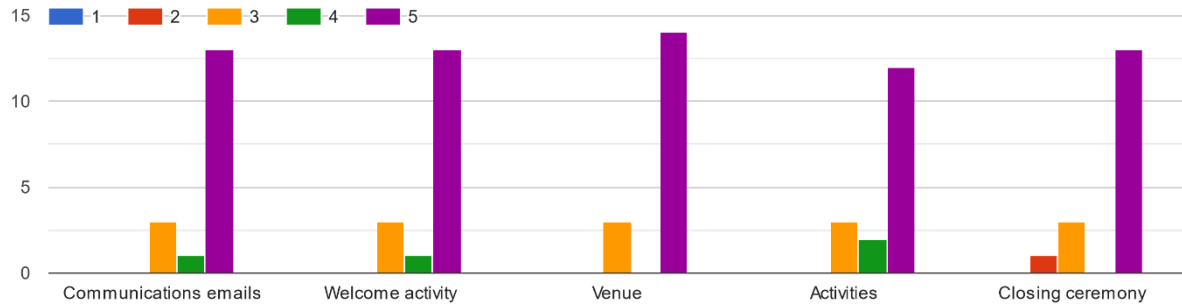
The 5th TPM reached my expectations.

17 răspunsuri



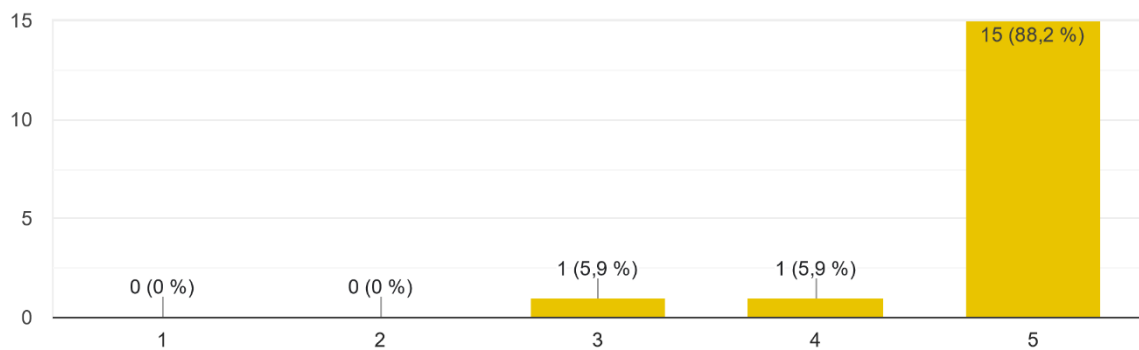
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How satisfied were you with the logistics? 1= Not satisfied; 5= Very satisfied



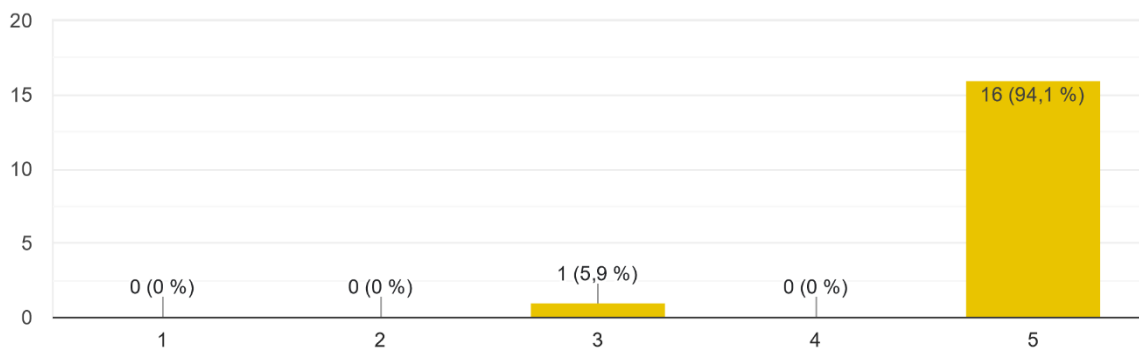
How satisfied was you with the session Both presented and pre-read material

17 răspunsuri



Contents of 5th TPM were presented in an interesting way.

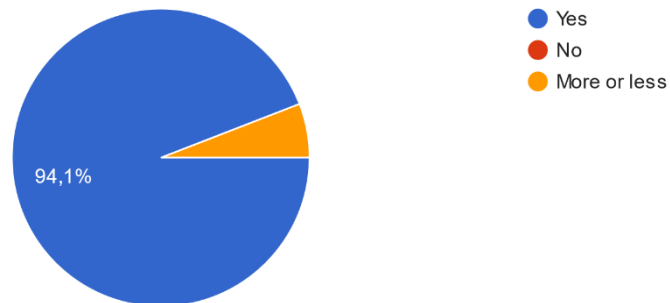
17 răspunsuri



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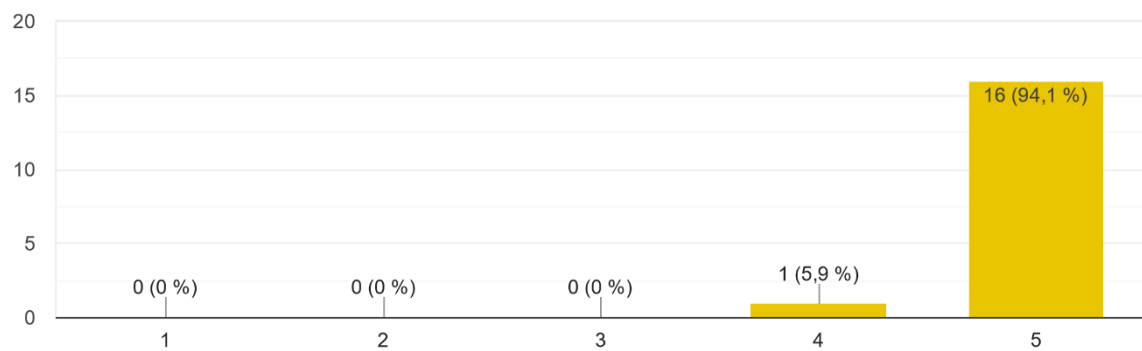
Were all decisions taken clear for you?

17 răspunsuri



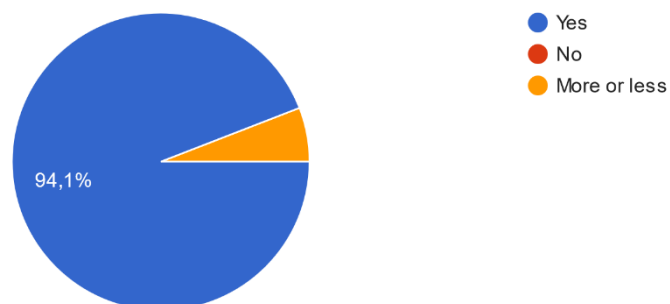
After 5th TPM, I have a clear picture for the projects' next steps.

17 răspunsuri



I know what my tasks for the upcoming period are.

17 răspunsuri



Overall, I am happy with the conference results.

17 răspunsuri

