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

Erasmus + Project No598241-EPP-1-2018-1-RS-EPPKA2-CBHE-JP

Strengthening Educational Capacities by Building Competences and Cooperation in the Field of Noise and Vibration Engineering

SENVIBE

Quality Report for WP7

Activity 7.2

Date: 20/10/2022

1. DESCRIPTION OF THE WORK PACKAGE (WP)

The main task of WP7 was quality control, assurance and monitoring of the SENVIBE project.

The project comprised three groups of activities:

- WP 7.1. Development of quality control mechanisms;
- WP 7.2. Internal and external reviews of processes and outcomes;
- WP 7.3. Students, trainees and stakeholders evaluation of realised activities.

The tasks of WP7 was the development of quality control mechanisms and the implementation of internal and external reviews of project processes and outcomes, as well as the assessment of realized activities by students and all interested parties through surveys that were statistically analysed, and the results posted on the project internal platform (SENVIBE Cloud).

2. ACTIVITIES AND THEIR REALIZATION

2.1. Assessment per task

SENVIBE activities		State		
No.	**Title**	**Fully Completed**	**Partially Completed**	**Not Completed**
WP7.1.	Development of quality control mechanisms	☑		
WP7.2.	Internal and external reviews of processes and outcomes	☑		
WP7.3.	Students, trainees and stakeholders evaluation of realised activities	☑		

2.2. *Description of the implemented activities*

This work package was implemented through following tasks:

- WP 7.1. Development of quality control mechanisms: the Quality Control Manual (QCM) was developed as a basic quality control document. The main definitions related to quality management are listed in the QCM. The QC Manual sets the minimum principles, requirements and processes needed to implement effective quality assurance. Additionally, 12 templates were created covering all project activities.
- WP 7.2. Internal and external reviews of processes and outcomes conducted at institutional, national and international level. Within this project task, 12 external

and 10 internal evaluations, and 11 supervisory visits (monitoring visits) were realized.

Number	Name of external reviewer	Name of Internal reviewer	Reviews of processes and outcomes
1.	Aleksandar Cvijetic	SUPEP	LLL Course 1
2.	Aleksandar Cvijetic	EUSK	LLL Course 2
3.	Miomir Mijic	UNS	Learning and teaching materials BSc
4.	Dragana Sumarac Pavlovic	UniKg	Learning and teaching materials for MSc course in Vibro-Acoustic engineering - acoustic
5.	Natasa Trisovic	UniKg	Learning and teaching materials for MSc course in Vibro-Acoustic engineering - vibration
6.	Zvonko Rakaric	UniKg	Learning and teaching materials for labs in Mechanical Vibration
7.	Matthew Phillip Cartmell	UniKg	MSc programme in Vibro-Acoustic Engineering (VAE)
8.	Nikola Lilic	EUSK	Syllabus of redesign courses on Noise and Vibration for students of undergraduate programmes of five different engineering departments
9.	Ivan Lukovic	UNI	ICT Platform (e-SENVIBE Moodle)
10.	Aleksandar Pavic	UNI	SENVIBE Glossary
11.	Valentina Golubovic Bugarski	UPV	No&Vib Hub
12.	Marija Sola Spasic	IOH	Dissemination

Date	**Place**	**Objectives**

18/09/2020	University of Niš	Monitoring visit No. 1 of the EUSK to UNI - Visiting the faculty library - Visiting the acoustics laboratory
14/12/2021	University of Novi Sad	Monitoring visit No. 2 of the UESK to UNS - Visiting the acoustic chamber - Visiting the Faculty library
29/01/2022	University of Novi Sad	Monitoring visit No. 3 of the UESK to UNS - - Attendance at a class where students use Senvibe equipment and teaching materials - Visiting the Vib-Lab
03/06/2022	University Educons	Monitoring visit No. 4 of the UESK to IOH - Attendance at a class where students use Senvibe equipment and teaching materials
13/06/2022	Faculty of Mechanical and Civil Engineering in Kraljevo, University of Kragujevac	Monitoring visit No. 5 of the UESK to UniKG - Visit to the Faculty library - Visit to laboratories and teaching facilities of the Faculty of Mechanical and Civil Engineering in Kraljevo
27/12/2021	University Educons, Sremska Kamenica	Monitoring visit No. 6 of the UESK to UNI - Attendance at BSc course organized by UNI during which the learning and teaching materials for undergraduate courses in Noise & Vibration at different engineering departments were used.
13/01/2022	University Educons, Sremska Kamenica	Monitoring visit No. 7 of the UESK to UniKG - Attendance at BSc course organized by UniKG during which the learning and teaching materials for undergraduate courses in Noise & Vibration at different engineering departments were used.
17/06/2022	Institute of occupational	Monitoring visit No. 8 of the UESK to IOH

	safety and health Novi Sad	- Visit to IOH and monitoring of the process of using SENVIBE educational material
17/06/2022	University EDUCONS Sremska Kamenica	Monitoring visit No. 9 of the UNI to EDUCONS - Visiting the Faculty library - Visiting the classroom with foto equipment and laboratory with sound level meter
21/06/2022	Provincial Secretariat for Urban Planning and Environmental Protection, Novi Sad (SUPEP)	Monitoring visit No. 10 of the UESK to SUPEP - Visit to SUPEP and monitoring of the implementation of the LLL type 2 (Environmental Noise Management) course at which the trial edition of the informant "Guide for local self-government units - noise in the environment" was presented.
20/07/2022	Holding company "Andrijasevic" doo, Ruma	Monitoring visit No. 11 of the UESK to UPV - Supervision of the visit to the Andrijašević Company, Ruma by UPV, whose representatives promoted and presented a "Guide for the economy - Noise in the working environment and Vibrations in the working environment".

External and internal reviewers are selected based on their qualifications and references. All external reviewers were required to provide a list of references.

- WP 7.3. was dedicated to the evaluation of the implemented activities by students, trainees and stakeholders. For the purpose of evaluation, appropriate questionnaires were created as e-forms or hard copies for different types of activities. Surveys were created for participants of LLL courses, teaching staff, the non-governmental sector and students. A total of 384 participants of the SENVIBE project were surveyed, namely: 119 LLL course participants, 135 training participants, 73 students and 57 NGO representatives. The online survey was completed 113 times. All survey results are presented on the SENVIBE Cloud.

2.2.1. Involvement of people with fewer opportunities

The activities of the WP7 did not address people with fewer opportunities in a specific manner.

2.2.2. Refugees

The activities of the WP7 did not address refugees in a specific manner.

2.2.3. Innovation

Activities implemented within WP 7 established an innovative approach to quality control of implemented project activities.

2.3. *Impact*

The work package (WP 7) directly impacted the project's quality because it contributed to the implementation of the project at a high-quality level by applying quality control instruments.

2.3.1. Unexpected outcomes/ spin-off effects

3. STATISTICS AND INDICATORS

For Training/Mobility Activities

Number of partner country "HEIs' students" trained

NA

Number of partner country "HEIs' academic staff" trained

NA

Number of partner country "HEIs' administrative staff" trained

NA

Number of partner country "non-HEI individuals" trained (priv. sector, NGOs, civil servants, etc.)

Impact at individual level

Extent of attention given to vulnerable groups

NO

Number of direct beneficiaries in the Partner country(ies) per year: academic staff from HEIs

30

Number of direct beneficiaries in the PCs (/year): administrative staff from HEIs

10

Number of direct beneficiaries in the PCs (/year): HE students

1394

Number of direct beneficiaries in the PCs (/year): non HE individuals

119

QUALITY ASSURANCE MEASURES

4.1. Reviews conducted in a descriptive form

This WP comprised the development of quality control mechanisms and conducting of internal and external reviews of the project processes and outcomes. In addition, students' trainees' and stakeholders' evaluations of the realized activities were performed and analyzed after each associated event, with the resulting statistics uploaded on the project intranet.

Task	Outcomes	Description
WP 7.2. Internal and external reviews of processes and outcomes	**12** external evaluations, **10** internal evaluations and **11** supervisory visits	Within task 7.2. external and internal reviewers were engaged who gave their expert opinion on LLL Courses, Learning and teaching materials for BSc and MSc, Syllabus of redesign courses on Noise and Vibration for students of undergraduate programs, ICT Platform (e-SENVIBE Moodle), SENVIBE Glossary , No&Vib Hub Platform and about Dissemination. 11 supervisory visits were carried out with the aim of checking and documenting equipment, books, teaching materials that are available to project partners, students and stakeholders thanks to the SENVIBE project.
WP 7.3. Students, trainees and stakeholders evaluation of realised activities.	**497** evaluation surveys	A total of 384 participants of the SENVIBE project were surveyed, namely: 119 LLL course participants, 135 training participants, 73 students and 57 NGO representatives. The online survey was completed 113 times.

4.2. Rebuttal/answer to reviews with the actions taken to improve the state

Quality assurance during implementation ensured that tangible and objective performance measures were met, but also that the defined indicators and impact were met. Quality assurance procedures secured the quality results of the project.

3.3. Other measures

The progress of the WP7 was monitored regularly during the meetings of the Project Management Team. The Leader of WP7 prepared a short report about the progress of the WP in the form of a Power Point presentation, and the progress was estimated by comparison of the values of KPI defined in the Quality Plan of the project to their target values.

Prepared by Mira Pucarević,
Sremska Kamenica, 20/10/2022

Approved by the Quality Assurance Group Leader
Sremska Kamenica, 20/10/2022

Approved by Project Coordinator
Novi Sad, 01/11/2022

"This project has been funded with support from the European Commission. This publication [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"

1. ANEXX 1

INTERNAL AND EXTERNAL REVIEWS OF PROCESSES AND OUTCOMES

- MONITORING VISIT REPORTS

Monitoring visit report template

Erasmus + Project No598241-EPP-1-2018-1-RS-EPPKA2-CBHE-JP

Strengthening educational capacities by building competences and cooperation in the field of Noise and Vibration Engineering

SENVIBE

INSTRUCTIONS: Complete the following table with the details of the visit.

Completed by	***Mira Pucarević*** ***WP7 leader***
Location	*University of Niš*
Date	*18/07/2020*
Objectives	*Monitoring visit No. 1 of the EUSK to UNI*

The following activities have been realized as a part of the monitoring visit:

Date	**Time**	**Activity**	**Participants**
18/09/2020	10:00	Visiting the Faculty library	M. Pucarević, Darko Mihajlov Marko Ličanin
18/09/2020	10:30	Visiting the acoustisc laboratory	M. Pucarević, Marko Ličanin

GENERAL OBSERVATIONS

- Each book is properly marked with an appropriate Erasmus + Program sticker, and stacked in a separate shelf in the library
- Complete photo equipment is installed in the classroom. Each piece of equipment has Erasmus + stickers

- Acoustic equipment is installed in the acoustics laboratory. Each piece of equipment has Erasmus + stickers

SPECIFIC ISSUES & ACTIONS

INSTRUCTIONS: List the specific issues/problems that have been identified during the visit. Then identify the actions that need to be taken to solve the problem.

Issue identified	**Actions to be taken**
No specila remarks	

ADDITIONAL COMMENTS

Please add any other comments:
No comments.

NEXT VISIT

The details of the next monitoring visit are:

To be completed by	**In the next year (2021.)**
Location	University Niš
Objective	*Monitoring visit of the EUSK to UNI*

Prepared by Mira Pucarević
Place, Date in the format Sremska Kamenica 22/09/2020

Approved by Project Coordinator
Place, Date in the format XX/YY/ZZZZ

Monitoring visit report template

Erasmus + Project No598241-EPP-1-2018-1-RS-EPPKA2-CBHE-JP

Strengthening educational capacities by building competences and cooperation in the field of Noise and Vibration Engineering

SENVIBE

INSTRUCTIONS: Complete the following table with the details of the visit.

Completed by	***Nataša Stojić*** ***participant***
Location	*University of Novi Sad*
Date	*14/12/2021*
Objectives	*Monitoring visit No. 2 of the UESK to UNS*

The following activities have been realized as a part of the monitoring visit:

Date	**Time**	**Activity**	**Participants**
14/12/2021	10:00	Visiting the Faculty library	Nataša Stojić Dunja Prokić Vesna Mašulović
14/12/2021	10:30	Visiting the acoustic chamber	Nataša Stojić Dunja Prokić Vesna Mašulović

GENERAL OBSERVATIONS

- Each book is properly marked with an appropriate Erasmus + Program sticker, and stacked in a separate shelf in the library

- Acoustic equipment is installed in the acoustics chamber. Each piece of equipment has Erasmus + stickers

SPECIFIC ISSUES & ACTIONS

INSTRUCTIONS: List the specific issues/problems that have been identified during the visit. Then identify the actions that need to be taken to solve the problem.

Issue identified	**Actions to be taken**
No special remarks	

ADDITIONAL COMMENTS

Please add any other comments:
No comments.

NEXT VISIT

The details of the next monitoring visit are:

To be completed by	**01/03/2022**
Location	University of Novi Sad
Objective	*Monitoring visit of the UESK to UNS*

Prepared by Nataša Stojić
Sremska Kamenica 15/12/2021

Approved by Project Coordinator
Place, Date in the format XX/YY/ZZZZ

Monitoring visit report template

Erasmus + Project No598241-EPP-1-2018-1-RS-EPPKA2-CBHE-JP

Strengthening educational capacities by building competences and cooperation in the field of Noise and Vibration Engineering

SENVIBE

INSTRUCTIONS: Complete the following table with the details of the visit.

Completed by	***Nataša Stojić*** ***participant***
Location	*University of Novi Sad*
Date	*29/01/2022*
Objectives	*Monitoring visit No. 3 of the UESK to UNS*

The following activities have been realized as a part of the monitoring visit:

Date	**Time**	**Activity**	**Participants**
29/01/2022	10:00	Attendance at a class where students use Senvibe equipment and teaching materials	Nataša Stojić Ivana Kovačić Dragi Radomirović Students
29/01/2022	10:30	Visiting the Vib-Lab	Nataša Stojić Ivana Kovačić

GENERAL OBSERVATIONS

- During the class, students use Senvibe vibration measuring equipment and teaching materials

- All equipment is installed in the Vib-lab. Each piece of equipment has Erasmus + sticker

SPECIFIC ISSUES & ACTIONS

INSTRUCTIONS: List the specific issues/problems that have been identified during the visit. Then identify the actions that need to be taken to solve the problem.

Issue identified	**Actions to be taken**
No special remarks	

ADDITIONAL COMMENTS

Please add any other comments:
No comments.

NEXT VISIT

The details of the next monitoring visit are:

To be completed by	**01/05/2022**
Location	Union of Employers of Vojvodina
Objective	*Monitoring visit of the UESK to UPV*

Prepared by Nataša Stojić
Sremska Kamenica 02/02/2022

Approved by Project Coordinator
Place, Date in the format XX/YY/ZZZZ

Monitoring visit report template

Erasmus + Project No598241-EPP-1-2018-1-RS-EPPKA2-CBHE-JP

Strengthening educational capacities by building competences and cooperation in the field of Noise and Vibration Engineering

SENVIBE

INSTRUCTIONS: Complete the following table with the details of the visit.

Completed by	***Nataša Stojić*** ***participant***
Location	*University Educons*
Date	*03/06/2022*
Objectives	*Monitoring visit No. 4 of the UESK to IOH*

The following activities have been realized as a part of the monitoring visit:

Date	**Time**	**Activity**	**Participants**
03/06/2022	9:00	Attendance at a class where students use Senvibe equipment and teaching materials	Ivan Lomen Nataša Stojić Students

GENERAL OBSERVATIONS

- During the class, students use Senvibe sound measuring equipment and teaching materials
- Each piece of equipment has Erasmus + sticker

SPECIFIC ISSUES & ACTIONS

INSTRUCTIONS: List the specific issues/problems that have been identified during the visit. Then identify the actions that need to be taken to solve the problem.

Issue identified	**Actions to be taken**
No special remarks	

ADDITIONAL COMMENTS

Please add any other comments:
No comments.

NEXT VISIT

The details of the next monitoring visit are:

To be completed by	**01/09/2022**
Location	Union of Employers of Vojvodina
Objective	*Monitoring visit of the UESK to UPV*

Prepared by Nataša Stojić
Sremska Kamenica 16/06/2022

Approved by Project Coordinator
Place, Date in the format XX/YY/ZZZZ

Monitoring visit report template

Erasmus + Project No598241-EPP-1-2018-1-RS-EPPKA2-CBHE-JP

Strengthening educational capacities by building competences and cooperation in the field of Noise and Vibration Engineering

SENVIBE

INSTRUCTIONS: Complete the following table with the details of the visit.

Completed by	***University Educons team members***
Location	Faculty of Mechanical and Civil Engineering in Kraljevo, University of Kragujevac
Date	*13/06/2022*
Objectives	*Monitoring visit No. 5 of the UESK to UniKG*

The following activities have been realized as a part of the monitoring visit:

Date	**Time**	**Activity**	**Participants**
13/06/2022	9:00	Visit to the Faculty library	Nataša Stojić, Ljiljana Ćurčić, Mira Pucarević, Dunja Prokić, UniKG team members
13/06/2022	13:00	Visit to laboratories and teaching facilities of the Faculty of Mechanical and Civil Engineering in Kraljevo	Nataša Stojić, Ljiljana Ćurčić, Mira Pucarević, Dunja Prokić, UniKG team members

GENERAL OBSERVATIONS

- Each book is properly marked with an appropriate Erasmus + Program sticker

- Complete laboratory and photo equipment is installed. Each piece of equipment has Erasmus + stickers

SPECIFIC ISSUES & ACTIONS

INSTRUCTIONS: List the specific issues/problems that have been identified during the visit. Then identify the actions that need to be taken to solve the problem.

Issue identified	**Actions to be taken**
No special remarks	

ADDITIONAL COMMENTS

Please add any other comments:
No comments.

NEXT VISIT

The details of the next monitoring visit are:

To be completed by	**01/09/2022**
Location	Union of Employers of Vojvodina
Objective	*Monitoring visit of the UESK to UPV*

Prepared by Nataša Stojić
Sremska Kamenica 13/06/2022

Approved by Project Coordinator
Place, Date in the format XX/YY/ZZZZ

Monitoring visit report template

Erasmus + Project No598241-EPP-1-2018-1-RS-EPPKA2-CBHE-JP

Strengthening educational capacities by building competences and cooperation in the field of Noise and Vibration Engineering

SENVIBE

INSTRUCTIONS: Complete the following table with the details of the visit.

Completed by	***University Educons team members***
Location	University Educons, Sremska Kamenica
Date	*27/12/2021*
Objectives	*Monitoring visit No. 6 of the UESK to UNI*

The following activities have been realized as a part of the monitoring visit:

Date	**Time**	**Activity**	**Participants**
27/12/2021	10:00	Attendance at BSc course organized by UNI during which the learning and teaching materials for undergraduate courses in Noise & Vibration at different engineering departments were used.	Linda Mitić, Ljiljana Ćurčić, Darko Mihajlov, students

GENERAL OBSERVATIONS

- Lecture via power point presentation, at the Faculty of Occupational Safety, University of Nis. The topic of the lecture was: Noise in the work environment - evaluation, assessment and effects;
- The undergraduate courses in various engineering areas of noise and vibration are well designed. The given examples during the course enable students to learn the course materials more easily. In the PowerPoint

presentations, students are given literature from which they can expand their knowledge in the given areas.

SPECIFIC ISSUES & ACTIONS

INSTRUCTIONS: List the specific issues/problems that have been identified during the visit. Then identify the actions that need to be taken to solve the problem.

Issue identified	**Actions to be taken**
No special remarks	

ADDITIONAL COMMENTS

Please add any other comments:
No comments.

NEXT VISIT

The details of the next monitoring visit are:

To be completed by	**01/3/2022**
Location	Faculty of Civil Engineering, the University of Kragujevac
Objective	*Monitoring visit of the UESK to UniKG*

Prepared by Nataša Stojić
Sremska Kamenica 10/01/2022

Approved by Project Coordinator
Place, Date in the format XX/YY/ZZZZ

Monitoring visit report template

Erasmus + Project No598241-EPP-1-2018-1-RS-EPPKA2-CBHE-JP

Strengthening educational capacities by building competences and cooperation in the field of Noise and Vibration Engineering

SENVIBE

INSTRUCTIONS: Complete the following table with the details of the visit.

Completed by	***University Educons team members***
Location	University Educons, Sremska Kamenica
Date	*13/01/2022*
Objectives	*Monitoring visit No. 7 of the UESK to UniKG*

The following activities have been realized as a part of the monitoring visit:

Date	**Time**	**Activity**	**Participants**
13/01/2022	10:00	Attendance at BSc course organized by UniKG during which the learning and teaching materials for undergraduate courses in Noise & Vibration at different engineering departments were used.	Linda Mitić, Ljiljana Ćurčić, UniKG team members, students

GENERAL OBSERVATIONS

- Lecture via power point presentation, at the Faculty of Civil Engineering, the University of Kragujevac. Subject Theoretical Physics. The topic of the lecture was: Vibration and noise
- The undergraduate courses in various engineering areas of noise and vibration are well designed. The given examples during the course

enable students to learn the course materials more easily. In the PowerPoint presentations, students are given literature from which they can expand their knowledge in the given areas.

SPECIFIC ISSUES & ACTIONS

INSTRUCTIONS: List the specific issues/problems that have been identified during the visit. Then identify the actions that need to be taken to solve the problem.

Issue identified	**Actions to be taken**
No special remarks	

ADDITIONAL COMMENTS

Please add any other comments:
No comments.

NEXT VISIT

The details of the next monitoring visit are:

To be completed by	**01/7/2022**
Location	Kraljevo
Objective	*Monitoring visit of the UESK to UniKG*

Prepared by Nataša Stojić
Sremska Kamenica 20/01/2022

Approved by Project Coordinator
Place, Date in the format XX/YY/ZZZZ

Monitoring visit report template

Erasmus + Project No598241-EPP-1-2018-1-RS-EPPKA2-CBHE-JP

Strengthening educational capacities by building competences and cooperation in the field of Noise and Vibration Engineering

SENVIBE

INSTRUCTIONS: Complete the following table with the details of the visit.

Completed by	***Natasa Stojic***
Location	*Institute of occupational safety and health novi sad*
Date	*17/06/2022*
Objectives	*Monitoring visit No. 8 of the UESK to IOH*

The following activities have been realized as a part of the monitoring visit:

Date	**Time**	**Activity**	**Participants**
17/06/2022	9:00	Visit to IOH and monitoring of the process of using SENVIBE educational material	Natasa Stojic, Mira Pucarevic, Bela Prokes, Ivan Lomen

GENERAL OBSERVATIONS

- The prepared material is intended for students for the course Noise and Vibration in the Environment at the Faculty of Environmental Protection

SPECIFIC ISSUES & ACTIONS

INSTRUCTIONS: List the specific issues/problems that have been identified during the visit. Then identify the actions that need to be taken to solve the problem.

Issue identified	Actions to be taken
No special remarks	

ADDITIONAL COMMENTS

Please add any other comments:
No comments.

NEXT VISIT

The details of the next monitoring visit are:

To be completed by	01/7/2022
Location	Novi Sad
Objective	*Monitoring visit of the UESK to UPV*

Prepared by Nataša Stojić
Sremska Kamenica 17/06/2022

Approved by Project Coordinator
Place, Date in the format XX/YY/ZZZZ

Monitoring visit report template

Erasmus + Project No598241-EPP-1-2018-1-RS-EPPKA2-CBHE-JP

Strengthening educational capacities by building competences and cooperation in the field of Noise and Vibration Engineering

SENVIBE

INSTRUCTIONS: Complete the following table with the details of the visit.

Completed by	***Momir Prascevic, Darko Mihajlov***
Location	*University EDUCONS Sremska kamenica*
Date	*17/06/2022*
Objectives	*Monitoring visit No. 9 of the UNI to EDUCONS*

The following activities have been realized as a part of the monitoring visit:

Date	**Time**	**Activity**	**Participants**
17/06/2022	14:30	Visiting the Faculty library	Momir Prascevic, Darko Mihajlov Mira Pucarevic Natasa Stojic Mitic Linda Curcic Ljiljana
17/06/2022	15:00	Visiting the classroom with foto equipment and laboratory with sound level meter 2270	Momir Prascevic, Darko Mihajlov Mira Pucarevic Natasa Stojic Mitic Linda Curcic Ljiljana

GENERAL OBSERVATIONS

- Each book is properly marked with an appropriate Erasmus + Program sticker, and stacked in a separate shelf in the library
- Complete photo equipment is installed in the classroom. Each piece of equipment has Erasmus + stickers
- Acoustic equipment is installed in the laboratory. Each piece of equipment has Erasmus + stickers

SPECIFIC ISSUES & ACTIONS

INSTRUCTIONS: List the specific issues/problems that have been identified during the visit. Then identify the actions that need to be taken to solve the problem.

Issue identified	**Actions to be taken**
No specila remarks	

ADDITIONAL COMMENTS

Please add any other comments:
No comments.

NEXT VISIT

The details of the next monitoring visit are:

To be completed by	**-**
Location	-
Objective	-

Prepared by Momir Prascevic, Darko Mihajlov
Place, date: Sremska Kamenica 17/06/2022

Approved by Project Coordinator
Place, Date in the format XX/YY/ZZZZ

Monitoring visit report

Erasmus + Project No598241-EPP-1-2018-1-RS-EPPKA2-CBHE-JP

Strengthening educational capacities by building competences and cooperation in the field of Noise and Vibration Engineering

SENVIBE

INSTRUCTIONS: Complete the following table with the details of the visit.

Completed by	***Dunja Prokić***
Location	*Holding company "Andrijasevic" doo, Ruma*
Date	*20/07/2022*
Objectives	*Monitoring visit No. 11 of the UESK to UPV*

The following activities have been realized as a part of the monitoring visit:

Date	Time	Activity	Participants
20/07/2022	12:00	Supervision of the visit to the Andrijašević Company, Ruma by UPV, whose representatives promoted and presented a "Guide for the economy - Noise in the working environment and Vibrations in the working environment".	Natasa Stojic, Mira Pucarevic, Ljiljana Ćurčić

GENERAL OBSERVATIONS

- The prepared material is intended for economic sector representatives.

SPECIFIC ISSUES & ACTIONS

INSTRUCTIONS: List the specific issues/problems that have been identified during the visit. Then identify the actions that need to be taken to solve the problem.

Issue identified	Actions to be taken
No special remarks	

ADDITIONAL COMMENTS

Please add any other comments:
No comments.

NEXT VISIT

The details of the next monitoring visit are:

To be completed by	
Location	
Objective	

Prepared by Dunja Prokić
Sremska Kamenica 27/07/2022

Approved by Project Coordinator
Place, Date in the format XX/YY/ZZZZ

2. ANNEX 2

STUDENTS', TRAINEES' AND STAKEHOLDERS' EVALUATION OF THE REALISED ACTIVITIES

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

Erasmus + Project No 598241-EPP-1-2018-1-RS-EPPKA2-CBHE-JP

Strengthening Educational Capacities by Building Competences and Cooperation in the Field of Noise and Vibration Engineering

S E N V I B E

Students' evaluation of the realised activities on implementation of modernised and new courses

Students', trainees' and stakeholders' evaluation of the realised activities

Activity 7.3

Date: 25/07/2022

The project SENVIBE 'Strengthening Educational Capacities by Building Competences and Cooperation in the Field of Noise and Vibration Engineering' (598241-EPP-1-2018-1-RS-EPPKA2-CBHE-JP):

https://senvibe.uns.ac.rs/

has been approved for financing under the call Erasmus+ Capacity Building in Higher Education EAC/A05/2017, and will be coordinated by University of Novi Sad (UNS) during the period 15 November 2018 – 14 November 2021.

The wider aim of the SENVIBE project is to improve and build national educational capacities, cooperation and competences in dealing with environmental and occupational Noise and Vibration (No&Vib) engineering issues in accordance with ongoing EU integration strategies and the needs identified in Serbia.

One of the specific objective of the SENVIBE project is to modernise four existing courses in the field of No&Vib tailor-made for students of undergraduate programmes of different engineering departments (Environmental Engineering, Occupational Safety Engineering, Mechanical Engineering, Electrical Engineering).

Work package (WP) 'Development of modules and courses for different engineering departments' (WP3) is concerned with the redesign and implementation of four existing courses on No&Vib for students of undergraduate programmes of four engineering departments, the design and implementation of two new ones and development of learning materials for all courses.

The following courses are redesigned at the University of Kragujevac:

a) Department of Mechanical Engineering:

- Noise and Vibration Protection
- Maintenance and Diagnostics
- Physics

b) Civil Engineering:

- Noise Protection in Civil Engineering
- Technical Physics

According to Task 7.3. student survey was conducted with the aim of evaluating the implementation of modernised and new courses at UniKG.
The total number of surveyed students was 73.
The evaluation of the survey is given below.

n.o.	Question	Completely [%]	Mostly [%]	Partially [%]	No [%]
1	Did the course content meet your expectations?	61.64	36.99	1.36	0

2	Was the amount of study material too large?	21.92	26.03	34.25	19.18
3	Did the lecturer present the material clearly and concisely?	83.56	16.44	0	0
4	Did the lecturer link theory with practice during the presentation?	61.64	32.88	5.48	0
5	Were the lectures interactive?	61.64	32.88	2.74	0
6	Did the lecturer manage to keep your attention during the lecture?	58.90	32.88	8.22	0
7	Were the lectures useful for your further professional orientation?	52.05	31.51	13.70	2.74
8	Did you have adequate literature for studying/preparing pre-exam duties/exams	71.23	23.29	4.11	2.74
9	Was the amount of literature too large?	16.44	17.81	35.62	30.14
10	Were the lectures useful for your further professional decisions?	73.97	23.29	2.74	0
11	Are the questions on the pre-exam and exam obligations clearly defined?	84.93	15.07	0	0
12	Were the pre-exam and exam duties difficult?	19.18	19.18	31.51	30.14
13	Did the course meet your expectations?	53.42	34.25	9.59	2.74
14	Would you recommend the course (if it is facultative) to other students?	68.49	21.92	6.85	2.74

	1	2	3	4	5
Rate the overall quality of the course	0	0	4.11	16.44	53.42
Rate the overall quality of the lecture	0	0	0	20.55	53.42
Rate the overall quality of the practical lectures	0	0	4.11	10.96	58.90

Comments and suggestions

- The lectures were very interesting
- The course was very interesting
- Everything was done as it should

4. Summary and conclusion

The largest number of respondents answered that the course completely or mostly met their expectations. Opinions about the amount of study material are divided. An almost equal number of students consider the material too large, mostly large or partially large. The largest number of respondents answered that the lecturer clearly presented the material, linked theory with practice and that the lectures were interactive. With 58.9% of students, the lecturer completely kept their attention during the course. Half of the surveyed students completely consider the lectures useful for further professional orientation. Based on students' answers, it can be concluded that literature is adequate for studying/preparing for pre-exam duties/exams. Only 30.14% of respondents believe that the amount of literature was not too large. For 73.97% of respondents, lectures are useful for further professional decision-making. Questions on the pre-exam and exam obligations were clearly defined, but about 40% of students believe that the pre-exam and exam duties were completely or mostly difficult. Half of the respondents answered that the course completely met their expectations. Most students would recommend the course (if it is facultative) to other students.

Quality of the course, lecture, and practical lectures were mostly rated with grades 4 or 5.

Prepared/Compiled by Ljiljana Ćurčić and Nataša Stojić
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