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Dissemination strategy

Public Institution Medical School, Banja Luka, Bosnia
and Herzegovina

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Dissemination strategy of ChemTeach project

WP: 5

Activity: 5.1

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Erasmus+ Project

Improvement the quality of chemistry teaching in VET in Bosnia and Herzegovina

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1. INTRODUCTION

Derived from the Latin for "abroad" (dis) and "seed" (semin), to disseminate simply means to "spread widely". The European Commission defines dissemination as "a planned process of providing information on the quality, relevance, and effectiveness of the results of programs and initiatives to key actors. It occurs as and when the results of programs and initiatives become available."

Dissemination plans should emphasize the need for all partners to take an active role in spreading the news about the project in their spheres and countries. This is a very effective way of producing a multiplier effect. Partners can use existing lines of communication and their reputation to raise awareness – this should also stimulate new and perhaps unexpected contacts with potential end users.

Dissemination of the Project results includes:

- active website,
- preparation of reports,
- publishing of informative articles, educational material,
- Involving stakeholders.

Website, containing data regarding the Project realization phases, current activities, and achieved results, serves as one of the principles channels of communication among partners, but also as a hub for offering information to public laboratories and other stakeholders and end users of the results.

Progress reports on the realization of the Project activities will be prepared and submitted four times for the duration of the Project.

Informative articles and reports will be presented on the official website of the ChemTeach project, the social media of each Partner, and if possible local and national media in order to disseminate information related to current Project activities, and thus raise public awareness on multiple benefits from the Project outcomes.

Educational teaching material that contains an explanation of the theory in chemistry through everyday life or activities, together with the alternative and so-called green experiments that can be performed with a minimum budget will be published. This material will be not only a helping guide for teachers and students but will also include specified needs of chemistry companies in Bosnia and Herzegovina that will be defined by the companies themselves.

During the Project, Partner country participants in B&H will organize open discussions with stakeholders- chemistry companies. This will result in better competencies of VET teachers in Bosnia and Herzegovina to prepare the change

1. INTRODUCTION

of the curricula that meets the criteria set in the EU, as well as private sectors in Bosnia and Herzegovina.

The project will promote chemistry for talented students by organizing summer schools.

2. BACKGROUND

Secondary education is often the last step in the education of students before entering the labor market. Because of that, they need to gain knowledge and skills that will enable them to successfully participate in the labor market. However, in the case of students in B&H, it is the case that they do not have enough practical knowledge and skills obtained in secondary schools that will be useful in future job tasks. The classes dominate the theoretical aspect of the teaching. It is especially problematic in empirical subjects like chemistry where it is important to apply theoretical knowledge to job positions. Students could besides theoretical knowledge gain a lot of useful practical knowledge and skills that will be desirable in the labor market. The practical classes will already during secondary education give signs of job tasks and the transition from standing to work will be less stressful and students will accept their future jobs with higher frequency.

The main long-term perspective of the Project is reflected through the fact that generated results will be disseminated and last through using Multimedia books in everyday lessons in high schools in B&H.

The aim of the ChemTeach project is to improve chemistry teaching via the education and training of VET teachers in Bosnia and Herzegovina. This will be achieved through the transfer of know-how between teachers from Slovakia and the Czech Republic to Bosnian teachers. Within this project, a network between VET teachers and private sectors e.g. chemistry companies will be created, so the gap between VET education and chemical company's needs will be filled.

The availability of educational and teaching material prepared within the Project will be regulated by mutual agreement covering intellectual property issues.

3. WEB SITE

Static part:

Project information – includes general information about project background, project description and project management

Partners – contains detailed information about all ChemTeach partners, including the links to their own web sites

Work Packages – presents detailed information about all five work packages including the deliverables and roles of the different partners

Contact – displays contact information of the ChemTeach grant-holder as well as website administrator

Dynamic part:

News – presents updated project information, including the information about finalized project activities

Activities – presents the list of all ChemTeach activities with the start and end dates, with the possibility of filtering past, ongoing and upcoming activities

Documents – includes all relevant project documents (meeting agendas, presentations, forms, agreements), with the possibility of filtering documents by the activities

Gallery – displays galleries from ChemTeach events.

Most of the information and documents on the ChemTeach website will be public. However, some documents have been protected and are available only for project participants. Project participants must be logged in as front users, with the username and password in order to have full access to all information and documents.

STU will be responsible to develop project website. Partner responsible for WP5 – Dissemination of Project Activities – JU MedSBL will coordinate project web page content. All partners are responsible to provide needed information for the website to JU MedSBL and STU will upload upon agreed deadlines.

4. PREPARATION OF REPORTS

Once the project is selected and funded, it is a contractual obligation to report on the activities regularly by using Erasmus+ report forms, according to the conditions, dates, and deadlines stipulated in the grant agreement.

Reports:

- Continuous reporting
- Periodic reporting
- Final Report

It is expected that continuous reporting will start at the beginning of ChemTeach project, periodic reports will be prepared during the duration of the project, while the Final Report is due after the completion of the Project in November 2026. The Reports will be electronic (templates are shared on project Google Drive folder) and made public. All partners are responsible to provide upon agreed deadlines needed information to the lead partner of the Dissemination activities – JU MedSBL. The Dissemination Reports will be included during reporting to the EC by the Coordinator.

5. PUBLISHING OF THE EDUCATIONAL MATERIAL, BROCHURES, LEAFLETS AND INFORMATIVE ARTICLES

Six learning materials, three educational courses for B&H high school teachers, three summer schools have been foreseen within ChemTeach project. These courses will be held at partner countries' universities and schools.

Learning materials:

1. Teaching requirements guide (UNIBL)
2. Teaching didactic guide (UNIBL)
3. Teaching multimedia guide (UNIBL)
4. Teaching green experiments guide (UNIBL/STU)
5. Multimedia book for Bosnian high school students- theoretical part (STU)
6. Multimedia book for Bosnian high school students- audio-visual part (STU)

Training courses:

1. First educational course for B&H high school teachers in Banja Luka (UNIBL)
2. Educational course for B&H high school teachers in Slovakia and Czech Republic (SOSCH, SPSCH)
3. Second educational course for high school teachers in Banja Luka (UNIBL)

Summer schools:

1. Summer school for students in Slovakia focused on cosmetics, food, and pharmaceutical chemistry (SOSCH)
2. Summer school for students in B&H focused on environmental chemistry (UNIBL)
3. Summer school for students in Czech Republic focused on forensic chemistry (SPSCH)

UNIBL and STU is responsible for design and editing promotional materials, such as educational materials, project brochures and leaflets. UNIBL is responsible for B&H translated versions of the informational and promotional materials. SOSCH – for Slovak version. SPSCH – for Czech version.

5. PUBLISHING OF THE EDUCATIONAL MATERIAL, BROCHURES, LEAFLETS AND INFORMATIVE ARTICLES

Informative articles

Each Partner should organize, at least the following dissemination activities:

1. Promotion on official media platforms, official websites and broadcast promotion on project activities.
2. Face to face promotion of the project (Erasmus+ Days, Science Festival, Open Door...)
3. Presentations and seminars, and outreach to peers/colleagues and other high schools
4. STU is responsible for: Project website setup, project poster.
5. UNIBL is responsible for: Project social media accounts setup- social media statistics.
6. Each Partner if it is possible should organize the article in:

School/University magazines

Local/regional/national newspaper, radio or TV stations.

Links to the websites of each partner:

[Slovenská technická univerzita v Bratislave \(STU\)](#)

[Stredná odborná škola chemická, Vlčie hrdlo 50, Bratislava | Cesta k
Vášmu úspechu je našou prioritou](#)

[Střední průmyslová škola chemická Pardubice](#)

[Универзитет у Бањој Луци | УНИБЛ](#)

[ЈУ Медицинска школа Бања Лука](#)

[ЈУ ТЕХНОЛОШКА ШКОЛА](#)

[Гимназија Бања Лука](#)

Educational material

The teaching staff of Partner country universities or schools for each course will prepare the material for training courses. The educational material for training courses will be uploaded on the drive and ChemTeach website and be available to the public.

STU and UNIBL will prepare learning materials for learning courses, Multimedia books for Bosnian high students will be printed in a minimum of 400 copies and made public on the ChemTeach website.

6. TARGET GROUPS FOR DISSEMINATION

- High school professors in B&H which are related with chemistry- to get better competence of VET teachers.
- Students in high schools- to improve their knowledge in chemistry field and develop soft skills through summer schools.
- Students – to improve knowledge and skills and improve their chances for future careers in this field.
- Chemistry companies– to explain what skills they expect from.
- Ministry of Education and Culture of the Republic of Srpska and
- Ministry of health, and Social Welfare Government of Republic of Srpska
- Pharmacists' association of Republic of Srpska
- Republic Pedagogical Institute

7. USING OFFICIAL LOGOS AND DISCLAIMER

Each partner is responsible for using correct logos and information representing the project. UNIBL partner is responsible in supporting partners if they have any questions related this part.

Erasmus+ logo

Each promotional material (digital or print) should include Erasmus+ logo: “Co-funded by the European Union”. Various variation of the logo can be found in the following website: https://www.eacea.ec.europa.eu/about-eacea/visual-identity/visual-identity-programming-period-2021-2027/european-flag-emblem-and-multilingual-disclaimer_en

Example:



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Project logo

Each promotional or informative material (digital or print) should include official project logo. Various versions of the logo are shared with partners on the project Google Drive folder.

Example:



7. USING OFFICIAL LOGOS AND DISCLAIMER

Disclaimer to use in all communication materials

Each informative material (digital or print) should include official Erasmus+ disclaimer. You can find the exact text following this link: https://www.eacea.ec.europa.eu/about-eacea/visual-identity/visual-identity-programming-period-2021-2027/european-flag-emblem-and-multilingual-disclaimer_en#ref-2-disclaimer-to-use-in-all-communication-materials

Deviation from the above points can result in reduction of points in the Final project evaluation.

8. INTELLECTUAL PROPERTY RIGHTS

All intellectual property rights to the deliverables of the project are held by the CHEMTEACH consortium partners, unless otherwise stated. The deliverable has been produced within the framework of the Erasmus+ Capacity Building in Higher Education programme, funded by European Commission.

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