

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

Mind the gap

Danijela Đukić-Ćosić*

Farmaceutski fakultet Univerziteta u Beogradu, Moodle Mreža Srbije

* U saradnji sa Milošem Bajčetićem, Mirjanom Senić, Milanom Stančićem i timom StudES projekta

✓ ERASMUS+ K2 program: "Effective teaching for student engagement & success in digital learning environment"/Podsticajna nastava za aktivno učenje i uspeh studenata u onlajn okruženju (StudES)



Univerzitet u Beogradu, Srbija (nosilac projekta)
<http://bg.ac.rs/en/university/university.php>



Rukovodilac projekta:
prof. dr Anđelija Malenović, Univerzitet u Beogradu – Farmaceutski fakultet



Centar za e-Learning na AGH Univerzitetu nauke i tehnologije, Krakov, Poljska
<https://www.agh.edu.pl/en/>

Univerzitet u Mariboru, Slovenija
<https://www.um.si/en/Pages/default.aspx>



Vremenski period trajanja projekta: 24 meseca (01.03.2021-28.02.2023)

✓ <https://www.linkedin.com/company/74518673>

StudES



https://www.linkedin.com/company/erasmus-studes-project

LinkedIn

Jobs

Erasmus StudES Project

Worldwide



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StudES

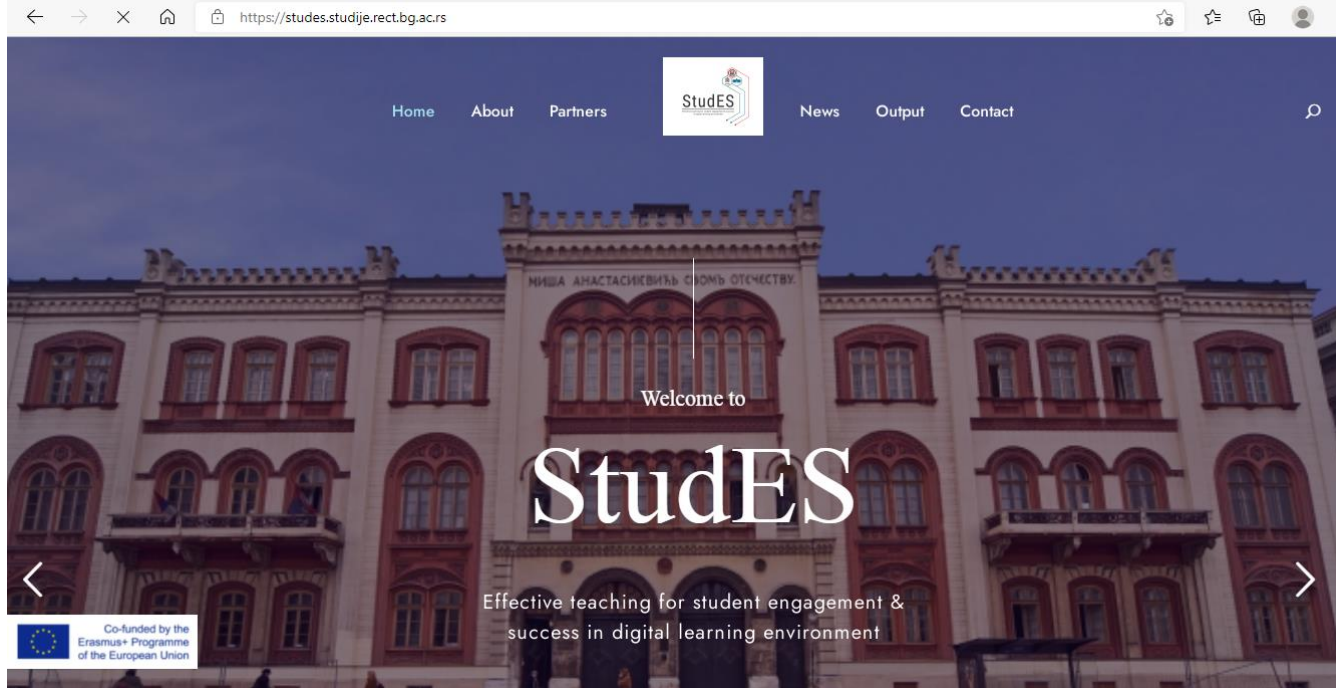


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Erasmus StudES Project
Higher Education
Effective teaching for student engagement and success in digital learning environment

Follow

<https://studes.studije.rect.bg.ac.rs/>



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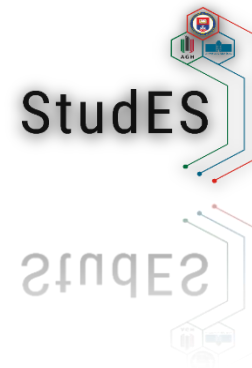
Welcome to

StudES

Effective teaching for student engagement & success in digital learning environment

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

✓ Ciljevi projekta



Razvoj plana za formiranje podsticajnog okruženja za učenje u digitalnom okruženju;

Razvoj **zajedničkog programa obuke** za **sticanje kompetencija univerzitetskih nastavnika za izvođenje nastave u digitalnom okruženju**, fokusirano na aktivno učenje studenata i njihov uspeh;

Razvoj standarda kvaliteta i smernica za nastavu i učenje u digitalnom okruženju.



✓ <https://mindthegap.f.bg.ac.rs/>



StudES

StudES University Teacher Training Programme



Advanced teaching for students' engagement, wellbeing, and success in a digital learning environment



Training programme for university teachers

- Moderator:** Miloš Bajčetić
- Moderator:** Wojciech Baran
- Moderator:** Kamila Gandecka
- Moderator:** Karolina Grodecka
- Moderator:** Paula Hmiedat
- Moderator:** Milica Ikonić Nešić
- Moderator:** Joanna Jakóbczyk
- Moderator:** Borut Jereb
- Moderator:** Bojan Rosi
- Moderator:** Mirjana Senić Ružić
- Moderator:** Milan Stančić
- Moderator:** Ranka Stanković
- Moderator:** Marta Stąporek
- Moderator:** Marjan Sternad



УНИВЕРЗИТЕТ У БЕОГРАДУ

Адреса: Студентски трг 1, 11000 Београд, Република Србија
Тел.: 011 3207400; Факс: 011 2638818; Е-mail: kabinet@rect.bg.ac.rs

Београд, 13. јула 2022. године
06-01 Број: 06-2893/2269/4-22
ЈКЈ

На основу члана 111 став 1 Закона о високом образовању („Сл. гласник РС”, бр. 88/17, 27/18 – др. закон, 73/18, 67/19 и 67/21), члан 43 став 1 тачка 11 и члана 119 став 2 Статута Универзитета у Београду („Гласник Универзитета у Београду”, бр. 201/18, 207/19, 213/20, 214/20, 217/20, 230/21, 232/22 и 233/22), а на предлог Савета Центра за континуирану едукацију бр. 06-1456/2469/2-22 од 23. јуна 2022. год, Сенат Универзитета на седници одржаној 13. јула 2022. године, донео је

ОДЛУКУ

1. УТВРЂУЈУ СЕ програми сталног усавршавања: *Курс: Advanced teaching for students' engagement, wellbeing, and success in a digital learning environment: Mind the gap*, на Универзитету у Београду. Програми ће се реализовати у оквиру Центра за континуирану едукацију Универзитета у Београду.

Образложење:

Савет Центра за континуирану едукацију, на основу иницијативе проистекле из учешћа Универзитета у Београду у Пројекту Effective teaching for student engagement and success in digital learning environment (StudES), поднео је предлог за доношење програма сталног усавршавања.

Програми ће се реализовати у оквиру Центра за континуирану едукацију Универзитета у Београду. У реализацији програма учествоваће предавачи са Филозофског факултета, Медицинског факултета, Математичког факултета и Рударско-геолошког факултета Универзитета у Београду

Савет Центра за континуирану едукацију, на седници одржаној 23. јуна 2022. године размотрио је предлог за доношење програма сталног усавршавања и донело предлог одлуке, што је Сенат и усвојио, те је донета одлука као у изреци.

Ову одлуку објавити у гласилу „Гласник Универзитета у Београду”.

ПРЕДСЕДНИК СЕНАТА
РЕКТОР
проф. др Владан Ђокић

StudES



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СтудЕС



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

Prihvaćen kao program stalnog usavršavanja univerzitetskih nastavnika

Samoprocena kompetencija za onlajn nastavu od strane nastavnika otkriva potrebu za daljom podrškom posebno u sledećim oblastima:

- ✓ **kako** stvoriti podsticajno okruženje za učenje u digitalnom okruženju;
- ✓ **kako** pripremiti kvalitetan audio/video materijal;
- ✓ **kako** motivisati i angažovati studenti;
- ✓ **kako** stvoriti atmosferu koja favorizuje diskusiju među studentima;
- ✓ **kako** pratiti napredak studenata.

✓ Cilj i ishodi programa obuke

MIND THE GAP
ONLINE TRAINING FOR UNIVERSITY TEACHERS

Are you a university teacher interested to learn more about teaching and learning in an online context?

Approved as a programme for continuous education of university teachers! (University of Belgrade)

Mind the gap!
training for university teachers

Advanced teaching for students' engagement, wellbeing, and success in a digital learning environment

Apply here

What will you learn?

- You will gain better understanding and be able to evaluate the potentials and limitations of teaching/learning in an online environment.
- You will learn to plan, create, and implement a course in an online learning environment, and to create supportive and simulative learning environment.
- You will be able to create online teaching/learning activities and resources aimed to foster students' engagement, wellbeing, and success in online learning.
- You will learn to plan course evaluation and various student assessment activities, especially formative ones, such as self- and peer assessment.

4 modules

When?
September 2022 - February 2023

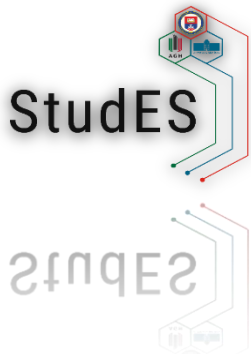
Where?
The training is delivered on Moodle in an asynchronous and self-paced learning mode.

Learn more at <https://mindthegap.f.bg.ac.rs>

Co-funded by the European Union

More about the project

StudES



Pružanje podrške univerzitetskim nastavnicima u razvoju digitalnih kompetencija i naprednom korišćenju novih tehnologija za poboljšanje angažovanja i uspeha studenata u digitalnom okruženju za učenja.

1. Nastavnici će moći da razumeju i procene **potencijale i ograničenja** podučavanja/učenja u digitalnom okruženju.
2. Nastavnici će biti kompetentni da **planiraju, kreiraju i implementiraju** kurs u digitalnom okruženju.
3. Nastavnici će moći da planiraju onlajn nastavu/učenje i aktivnosti ocenjivanja sa ciljem da **podstaknu angažovanje studenata, dobrobit i uspeh u onlajn učenju**, a u skladu sa potrebama studenata i raspoloživim resursima.
4. Nastavnici će biti kompetentni da **kreiraju i modifikuju različite vrste resursa za učenje**.
5. Nastavnici će **proširiti obim poznavanja onlajn alata** i platformi za nastavu/učenje.

✓ Četiri modula

StudES



2f0qE2



Module A: Introduction to teaching and learning in an online context

You will gain better understanding and be able to evaluate the potentials and limitations of teaching/learning in an online environment.



Module B: Planning and creating an online course

You will learn to plan, create, and implement a course in an online learning environment, and to create supportive and simulative learning environment.



Module C: Designing teaching/learning activities and educational resources for the digital learning environment

You will be able to create online teaching/learning activities and resources aimed to foster students' engagement, wellbeing, and success in online learning.



Module D: Designing evaluation and assessment activities in a digital learning environment

You will learn to plan course evaluation and various student assessment activities, especially formative ones, such as self- and peer assessment.

Obuka se izvodi na Moodle-u u asinhronom i samostalnom režimu učenja. Obuhvata tekstualna i video predavanja, diskusije na forumu, kvizove i testove/upitnike, itd. Zadaci zahtevaju od učesnika da razmisle o svojoj nastavnoj praksi, kao i primeni novostečenih znanja i veštine.

✓ Modul A



- General
 - Announcements
- A1. Teaching/learning in ...
 - Activity 1: SWOT analysis f...
 - SWOT ANALYSIS EXAMPLE
 - Activity 2: Differences betw...
 - Activity 3: Potentials and li...
 - Further reading 🔒
- A2.1. Specifics of teachin...
 - Activity No. 1 - SHARE YO...
 - Activity No. 2 - A2.1. The 5 ...
 - Activity No. 2 - A2.1. How ...
 - Activity No. 2 - A2.1. Disco...
 - Activity No. 3 - PADLET - P...
 - Activity No. 4 - A2.1. Kinds ...
 - Types of learning activities ...
 - Kinds of activities - short q...
 - ACTIVITY No. 5
- A2.2. Specifics of teachin...
 - The reflection on online lea...

Module A: Introduction to teaching and learning in an online context

Course Participants Grades Competencies

General



Welcome to Module A!

This module should help you gain better understanding of the potentials and limitations of teaching/learning in an online environment.

A4. Modalities of online teaching: synchronous vs asynchronous

WHAT YOU WILL LEARN IN THIS LESSON?

This part of the course covers topic "Modalities of online teaching: synchronous vs asynchronous".

After completion of this lesson:

✓ Aktivnosti u okviru modula

StudES



← → ↻ 🔒 https://mindthegap.f.bg.ac.rs/learn/course/view.php?id=3§ion=1

Home Dashboard My courses

- ✕
- ▼ General
 - Announcements
- ▼ A1. Teaching/learning in ...
 - Activity 1: SWOT analysis f...
 - SWOT ANALYSIS EXAMPLE
 - Activity 2: Differences betw...
 - Activity 3: Potentials and li...
 - Further reading 📖
- ▼ A2.1. Specifics of teachin...
 - Activity No. 1 - SHARE YO...
 - Activity No. 2 - A2.1. The 5 ...
 - Activity No. 2 - A2.1. How ...
 - Activity No. 2 - A2.1. Disco...
 - Activity No. 3 - PADLET - P...
 - Activity No. 4 - A2.1. Kinds ...
 - Types of learning activities ...
 - Kinds of activities - short q...
 - ACTIVITY No. 5
- ▼ A2.2. Specifics of teachin...
 - The reflection on online lea...

Welcome to Module A!

This module should help you gain better understanding of the potentials and limitations of teaching/learning in an online environment.

A1. Teaching/learning in online higher education: characteristics, potentials, and limitations

WHAT YOU WILL LEARN IN THIS LESSON?

This part of the course covers topic "Teaching/learning in online higher education: characteristics, potentials, and limitations".

After completion of this lesson:

- You will understand characteristics of online education.
- You will be able to critically reflect on your digital and pedagogic practice.



URL
Activity 1: SWOT analysis for online teaching/learning

Done

We all had experience with online teaching/learning. Therefore, we would like to hear what do you see as biggest strengths and shortcomings of this kind of teaching/learning, as well as what do you perceive as potential opportunities and threats in your context for further development of online teaching/learning practice.

Let's collaboratively make list of Strengths, Weaknesses, Opportunities, and Threats (so called **SWOT analysis**) that you recognized in your practice of online teaching in higher education. You can see one example here, but here we are really interested to get familiar with your experiences and views!

Add your sticky notes in appropriate fields on the Jamboard [here!](#)

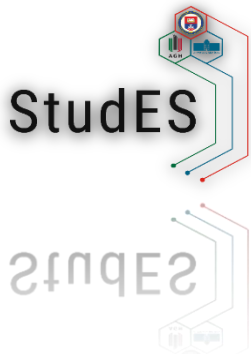


HSP
SWOT ANALYSIS EXAMPLE

Done: View

- Prema didaktičkim preporukama za modele aktivnog učenja u digitalnom okruženju sa ciljem da:
- 1) podstaknu interesovanje polaznika, motivišu ih za učenje i aktiviraju njihova predznanja i iskustva;
 - 2) pruže nastavnicima smislene, zanimljive i izazovne aktivnosti učenja;
 - 3) omoguće razmenu i diskusiju među polaznicima i podržaju njihovo razmišljanje.

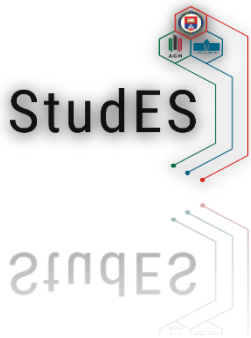
✓ SWOT chart for online teaching/learning



↶ ↷ 🔍 Set background Clear frame

<h3 style="text-align: center; color: green;">Strengths</h3> <ul style="list-style-type: none"> Application of new teaching methods and tools Personalization of teaching place/room/building independence Flexibility Working from home Students are already familiar with using online applications Commuters' problems solved! Using time in learning instead of long hours travelling. Opportunity to use online tools in effective teaching and learning process. Flexible learning paths 	<h3 style="text-align: center; color: blue;">Weaknesses</h3> <ul style="list-style-type: none"> Violating work-life balance Lack of instant communication. There is no immediate feedback from students. Students prone to logging in but not paying attention to teachers Extensive teacher training needed Lack of a stimulating environment Lack of personal contact lack of motivation Limited informal interactions often feeling like talking to yourself Booooring!
<h3 style="text-align: center; color: orange;">Opportunities</h3> <ul style="list-style-type: none"> Easily scalable Connection with colleagues from different countries A chance to develop good work habits Online education may help in future carrier (both students' and teachers') Learning something new and useful in teaching/learning process. Connection with colleagues and professionals from all over the World 	<h3 style="text-align: center; color: red;">Threats</h3> <ul style="list-style-type: none"> Lack of equipment The need to purchase equipment Lack of adequate staff training Independence in task completeness. internet stability Possible hardware failure Low internet speed We cannot require visual (or even voice) communication due to the domestic environment Hackers

✓ How people learn?



https://mindthegap.f.bg.ac.rs/learn/mod/resource/view.php?id=291

Home Dashboard My courses

- Announcements
- ▼ A1. Teaching/learning in ...
 - Activity 1: SWOT analysis f...
 - SWOT ANALYSIS EXAMPLE
 - Activity 2: Differences betw...
 - Activity 3: Potentials and li...
- Further reading
- ▼ A2.1. Specifics of teachin...
 - Activity No. 1 - SHARE YO...
 - Activity No. 2 - A2.1. The 5 ...
 - Activity No. 2 - A2.1. How ...
 - Activity No. 2 - A2.1. Disco...
 - Activity No. 3 - PADLET - P...
 - Activity No. 4 - A2.1. Kinds ...
 - Types of learning activities ...
 - Kinds of activities - short q...
 - ACTIVITY No. 5
- ▼ A2.2. Specifics of teachin...
 - The reflection on online lea...
 - Activity 2. Humanistic subj...
 - Activity 3. Work with mater...

Module A / A2.1. Specifics of teaching online in different scientific fields: lessons on science subjects / Activity No. 2 - A2.1. How people learn?

Activity No. 2 - A2.1. How people learn?

Done: View

1 of 2 Page view Read aloud Add text Draw Highlight Erase

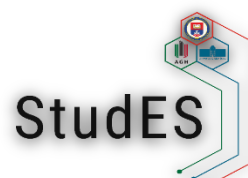
Advanced teaching for students' engagement, wellbeing, and success in a digital learning environment: Mind the gap!



[A2.1. Specifics of teaching online in different scientific fields: lessons on science subjects/ How people learn?]

[Joanna Jakóbczyk]

✓ Evaluacija



Activity 3: The role of the ...

Activity 4. Design an online...

Don't Lecture Me: Rethinki...

Team based-learning

The definition of flipped cl...

▼ A4. Modalities of online ...

Activity 1: Short quiz - Whi...

Activity 2: Which one d...

Activity 3: Watch a vid...

Activity 4: Create a stu...

Study flow diagram - exam...

Activity 5: Reflection - ...

▼ A5. Blended learning an...

The basics of blended lear...

Blended learning models - ...

PADLET - SHARE YOUR REF...

○ Forum: Why blended learn...

▼ Final assignment for the ...

Module A - Final assig...

▼ Evaluation of the Modul...

Evaluation of the Module A

FORUM Announcements

Welcome to Module A!

This module should help you gain better understanding of the potentials and limitations of teaching/learning in an online environment.

A5. Blended learning and its various forms adapted to individual needs

WHAT YOU WILL LEARN IN THIS LESSON?

This part of the course covers topic "*Blended learning and its various forms adapted to individual needs*"

After completion of this lesson:

- You will be familiarized with the main blended learning models.
- You will be able to work out the best model for students learning needs.
- You will have the opportunity to share experiences with each other.

ACTIVITY No. 1

ACTIVITY No. 2

Work with materials

✓ Završetak aktivnosti u okviru lekcija na Moodle-u, npr. kratak kviz, rmišljanje o njihovoj sopstvenoj praksi, učešće na forumu, zadaci itd.

✓ Završni zadatak za svaki modul: Modul A: kratak reflektivni esej (Deljenje uvida i zapažanja o potencijalu onlajn nastave/učenja). Modul B, Modul C i Modul D: predstavljanje i mišljanje o tome šta je bilo naučeno u modulu (npr. mišljanje o planiranju onlajn kursa, predstavljanje kreiranih aktivnosti nastave/učenja i resursa, predstavljanje aktivnosti evaluacije/ocenjivanja koja je dizajnirana za učenje u digitalnom okruženju).

StudES



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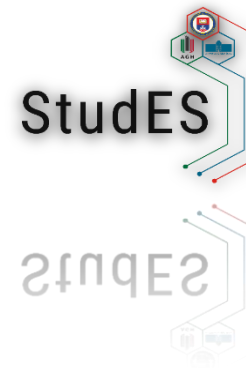


✓ Pilot realizacija

- ✓ Broj univerzitetskih nastavnika: 41 – 20 Univerzitet u Beogradu, po 10 partnerske institucije
- ✓ Period trajanja programa: septembar 2022 – februar 2023.
- ✓ Šest meseci za realizaciju sva četiri modula ili za realizaciju jednog ili više modula.

Evaluacija kursa

Prikupljeni podaci o aktivnostima polaznika tokom programa i njihovim ishodima učenja i napredak, kao i povratne informacije o njihovim postignućima u učenju i zadovoljstvo programom, koristiće se za reviziju programa i dalje unapređenje za implementaciju sa većom grupom univerzitetskih nastavnika.



✓ Nacionalni tim za realizaciju projekta



Farmaceutski fakultet Univerziteta u Beogradu:

prof. dr Anđelija Malenović
prof. dr Jelena Parojčić
vanr. prof. Ana Protić
vanr. prof. Danijela Đukić-Ćosić

Planiraj.



Univerzitet u Beogradu:

prof. dr Nenad Zrnić
prof. dr Petar Bulat
prof. dr Vladan Devedžić
prof. dr Mirjana Devedžić
prof. dr Miloš Bajčetić
vanr. prof. Ranka Stanković
vanr. prof. Milan Stančić
doc. dr Mirjana Senić
dipl. inž. organizacionih nauka Petar Lakčević
dipl. politikolog Nikola Savić

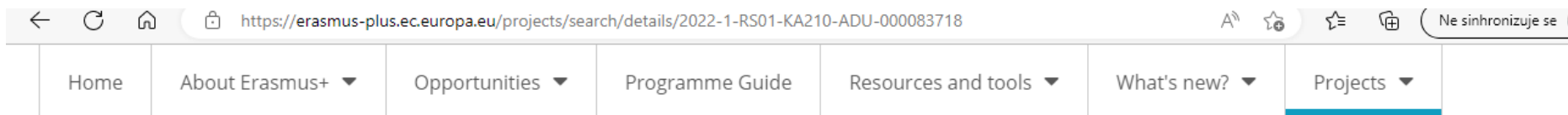
O snaži se.

Poduči onlajn.



Project: 2022-1-RS01-KA210-ADU-000083718 - MeeTox

[Erasmus+ Project Results Platform](#)



Project Reference: 2022-1-RS01-KA210-ADU-000083718

Upoznaj toksičnost – živi bezbedno

Status
Ongoing

Start date **01-09-2022**
End date **31-08-2024**

Eu Grant
60.000,00 €

Programme
Erasmus+

Key Action
Partnerships for cooperation and exchanges of practices

Action Type
Small-scale partnerships in adult education

Countries covered
2

Partneri:

Udruženje toksikologa Srbije, Univerzitet u Beogradu – Farmaceutski fakultet
Hrvatsko društvo toksikologa, Institut za medicinska istraživanja i medicinu rada

Topics

Media Literacy And Tackling Disinformation

Development Of Training Courses

Key Competences Development



Ispitati **razumevanje informacija o toksičnosti hemikalija** kod opšte populacije, **utvrditi potrebu i sprovesti edukaciju o osnovnim elementima toksičnosti** radi bezbednog svakodnevnog korišćenja hemikalija i zaštite zdravlja ljudi. Dodatno, cilj projekta je da se osnaži medijska pismenost građana i spreči širenje dezinformacija.