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2019-1-TR01-KA205-067388

SES-ECO PROJECT

Social Ecological System Approach for Improving Ecological Literacy of Youth



Dissemination report

Intellect Foundation

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1. Introduction of SES-ECO project at the Happening Biofest, 2019

Aim: Distribution of flyer about SES-ECO project to introduce its aims and anticipated intellectual outputs; face-to-face discussions on the project during the event.

Date/Time: 27.09.2019 / 11:00 – 17:00

Venue: BioFest, 2019, Faculty of Biology of the Sofia University “St. Kliment Ohridski; Sofia, 8 Dragan Tsankov Str., BULGARIA

Target sectors:

- Education
- Agriculture, forestry and fishing
- Water supply; sewerage, waste management and remediation activities
- Professional, scientific and technical activities

Target audience:

- Under- and Graduate students in Biology, Ecology & Environment Protection, Agrobiotechnology, Biotechnology, Molecular Biology;
- Higher Education Professors in the same specialties,
- Biotech business representatives,
- Researchers from R&D Centers.

Description:

Short advertisement of the project was done, especially its specific topic – Ecoliteracy and the contribution of ecoliteracy education to sustainable living. A special emphasis was given to ecoliteracy importance in strengthening the relationships with nature and supporting its health.

Indicators:

- Number of staff from Intellect attending the event: 3
- Number of participants in the event: over 50

Feedback:

Above-mentioned event was a suitable opportunity to present the project and to discuss with experts its innovative approach for applying Social Ecological System to rise ecoliteracy among youth. The event participants (as potentially interested SES-ECO targets) received information for project idea and objectives. Thus, the aim of the presentation to make the SES-ECO project and its background better known to the interested public, experts and individuals from educational and research environments, was achieved.

Evidence:

- Advertisement flyer
- Biofest placard
- Photo of the event



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Social ecological system approach for improving ecological literacy of youth

2019-1-TR01-KA205-067388

Dear colleagues and friends!

It is our pleasure to present you ERASMUS+ Strategic partnership project “Social ecological system approach for improving ecological literacy of youth – SES-ECO”, coordinated by University of Aksaray, Turkey in which Intellect Foundation is a participant.

The project aims to support awareness raising of environmental issues in youth in innovative way through an international partnership.

The project uses a new approach – the Social Ecological System to improve ecoliteracy of young people. It applies innovative ways to ensure sustainable investment in education, training & youth through:

- Building trainers’ capacity in the areas of ecology and systems thinking,
- Increasing an awareness for the environment,
- Improving the understanding of ecological science & its usefulness for real-world environmental issues,
- Creating a sense of place & encouraging teaching with multiple learning styles.
- Quantifying ecoliteracy.

SES-ECO project supports the new participatory and intercultural approaches to heritage by the variety of countries taking place in the development of five Intellectual Outputs and promoting educational initiatives aimed at fostering intercultural dialogue.

To learn more, contact us at: <https://intellect-foundation.org/en/>

Sincerely yours,

SES-ECO BG team





2. Presentation of SES-ECO project at International Youth Scientific Conference ‘Kliment’s days, 2019’

Aim: Spreading of announcement about SES-ECO project to introduce its aims and anticipated intellectual outputs; face-to-face discussions on the project during the event.

Date/Time: 08.11.2019 / 08:00 – 16:00

Venue: ‘Kliment’s days, 2019’, Faculty of Biology of the Sofia University “St. Kliment Ohridski; Sofia, 8 Dragan Tsankov Str., BULGARIA

Target sectors:

- Education
- Agriculture, forestry and fishing
- Water supply; sewerage, waste management and remediation activities
- Professional, scientific and technical activities

Target audience:

- Young scientists
- BSc and MSc students in Education in Biology & Chemistry, Ecology & Environment Protection, Medicine, Pharmacy, Biotechnology, Molecular Biology
- Higher Education Professors in the same areas
- Researchers from R&D Institutes and Centers
- Business community representatives.

Description:

Circulation of project flyer, presentation of project capacity to deliver up-to-date knowledge on specialized topics tackling ecoliteracy for sustainable living; exchange of ideas for practical application of project educational potential.

Indicators:

- Number of staff from Intellect attending the event: 2 (participation in the organizing committee)
- Number of participants in the event: over 60

Feedback:

The outcomes/feedback received as a result of the implemented dissemination initiative are as follows:

- Spreading the project ideas and introduction of anticipated project results to representatives of direct project targets / general public,
- Establishment of fruitful contacts with representatives of educational/ research community within project subject area
- Outline of prospects for future collaborative educational and research activities.

Evidence:

- Advertisement flyer
- Kliment’s days, 2019’ information and abstracts’ pages
- Photo of the event



SOFIA UNIVERSITY ST. KLIMENT OHRIDSKI
FACULTY OF BIOLOGY

YOUTH
SCIENTIFIC CONFERENCE
"KLIMENT'S DAYS"

8TH NOVEMBER 2019

ABSTRACTS



FUNDED BY:
PROJECT № 80-10-76/2019 SOFIA UNIVERSITY;
PROJECT № 1360/2014 SCIENTIFIC RESEARCH DEPARTMENT, SOFIA UNIVERSITY.



3. Cluster activities with ERASMUS+ KA1 and KA2-projects

Aim: distribution of information about SES-ECO project to introduce its aims and anticipated intellectual outputs; face-to-face discussions on the project.

Period: 01.12.2019 - 30.05.2020

Target sectors:

- Education
- Agriculture, forestry and fishing
- Water supply; sewerage, waste management and remediation activities
- Professional, scientific and technical activities

Target audience:

- Business community representatives
- Researchers from R&D Institutes and Centers
- Higher Education Professors
- ERASMUS+ trainees

Description:

Joint activities with ERASMUS+ programme: distribution of information about SES-ECO project to participants in Kick-off TPM of:

- ERASMUS+, KA2 Strategic partnership project 2019-1-BG01-KA204-062366 “Eco-friendly ICT-based training outcomes for adults – ECO-Train”
- ERASMUS + Strategic Partnership project “Green Technology Foresight about challenges from biotechnology and ICT - Digit-BioTech” 2019-1-BG01-KA203-062371
- Presentation of the project during the Introductory meeting with foreign ERASMUS+ students from Serbia, Albania, France and Spain within ERASMUS+ KA1 Mobility project with Educons University (SER), University of Tirana (ALB), University of Girona (ES), Université de Poitiers (FR).

Indicators:

- Number of meetings held: 3
- Number of staff from Intellect attending a meeting: 1-3
- Number of participants per meeting: av. 10

Feedback:

Face-to-face and one-on-one meetings with people experienced in ERASMUS+ activities to share visions on various projects developments and possibilities for amalgamation of their activities to realize ERASMUS+ programme added value.

Evidence:

- Announcement note
- Promotional materials for the project
- Selected slides of the presentation of SES-ECO project
- Selected photos



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Social-ecological-system-approach-for-improving-ecological-literacy-of-youth¶

2019-1-TR01-KA205-067388¶

Page Break

Dear-Dear-ERASMUS+-partners!¶

It-is-our-pleasure-to-present-you-ERASMUS+ Strategic-partnership-project-**“Social-ecological-system-approach-for-improving-ecological-literacy-of-youth—SES-ECO”**, -coordinated-by-University-of-Aksaray,-Turkey-in-which-Intellect-Foundation-is-a-participant.-¶

The-project-aims-to-support-awareness-raising-of-environmental-issues-in-youth-in-innovative-way-through-an-international-partnership.¶

The-project-uses-a-new-approach—the-Social-Ecological-System-to-improve-ecoliteracy-of-young-people.-It-applies-innovative-ways-to-ensure-sustainable-investment-in-education,-training-&-youth.¶

SES-ECO-project-supports-the-new-participatory-and-intercultural-approaches-to-heritage-by-the-variety-of-countries-taking-place-in-the-development-of-five-Intellectual-Outputs-and-promoting-educational-initiatives-aimed-at-fostering-intercultural-dialogue.¶

To-learn-more,-contact-us-at:-<https://intellect-foundation.org/en/>¶

Sincerely-yours,¶

SES-ECO-BG-team¶

¶

TO:¶

- ERASMUS+ KA2-Strategic-Partnership-project-ERASMUS+ Strategic-Partnership-project-“Eco-friendly-ICT-based-training-outcomes-for-adults—ECO-Train”-2019-1-BG01-KA204-062366¶
- ERASMUS+ Strategic-Partnership-project-“Green-Technology-Foresight-about-challenges-from-biotechnology-and-ICT--Digit-BioTech”-2019-1-BG01-KA203-062371¶
- ERASMUS+KA1-Mobility-of-students-and-tutors;-No-67256-LA-1-2014-1-BG-E4AKA1-ECHE¶



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ПРИЛОЖЕНИЕ НА SES ЗА ПОДОБРИВАНЕ НА ЕКОЛОГИЧНАТА ГРАМОТНОСТ НА МЛАДЕЖТА
2015-1 TR01-KA201-007302 **Б Ю Л Е Т И Н 2020М**

Проектът „SES-ECO“ има за цел да служи като платформа за подобряване на преподаването на екологична грамотност чрез подхода SES (социално-екологична система). Прилагайки SES като инструмент за подобряване на екологичната грамотност на младите хора, ще се създадат възможности за съвместно действие на различни участници в обществения живот, които често са близки по между си и споделят общи проблеми, но рядко си сътрудничат.

Специфични цели на проекта SES-ECO

- Изграждане на капацитет на учителите в областта на екологията и системното мислене
- Повишаване на осведомеността за околната среда
- Подобряване на разбирането за екологичната наука и нейното приложение за решаване на реални проблеми на околната среда
- Създаване на чувство за уместност и насърчаване на преподаването чрез различни подходи на обучение



Първата среща по проекта SES-ECO се провежда в Аксарай, Турция на 30-31 януари 2020 г. Участие в нея взеха представители на институциите - партньори по проекта (Турция, Германия, България, Испания). По време на срещата бяха обсъдени сроковете на планираните дейности, следващите транснационални срещи, бюджета на проекта, задълженията на партньорите, дейностите по мониторинг и разпространение на резултатите.



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ИНТЕЛЕКТУАЛНИ РЕЗУЛТАТИ

- Доклади за анализ на нуждите от екологична грамотност на национално/Европейско ниво
- Учебник „Повишаване на екологичната грамотност чрез социално-екологична система“
- „Ръководство за обучение на открито“
- Създаване на модули за електронно обучение
- Мобилен приложение за количествена оценка на екологичната грамотност / Инструментарии за оценка на екологичната грамотност



Ибрахим Юрюн, Белда Еромен и Корай Челик представляваха Университета на Аксарай, като координатор на проекта. Екипът на Университета на Аксарай приветства партньорите и направи кратко резюме на проекта. След това партньорите представиха своите институции и техните дейности. Срещата продължи с подробни инструкции за управление и координиране на проекта, представени от Алтън Диждар от Оркоп. Партньорите проведоха дискусия по съдържанието и крайните срокове за продукция на Интелектуалните резултати, за които отговорят и за задълженията им по проекта. По време на срещата бяха използвани интерактивни методи. Участниците посетиха и проф. Юсуф Сахин, ректор на Университета на Аксарай. Като професор по урбанистика и екологични проблеми, той сподели своето мнение за този проект по стратегическо партньорство. Той заяви, че проектът ще допринесе за осведомеността на младите хора за екологичната грамотност. Проф. Сахин представи на всеки партньор в срещата сертификат за участие. В края на срещата всички партньори по проекта посетиха Калдарбия и проведоха съвместна вечеря в рамките на социално-културните дейности, организирани от турските доклази.

Финансиран от Програмата „Еразъм +“ на Европейския съюз. Европейската комисия и Турската национална агенция не носят отговорност за качеството и да не използване на съдържащите се в този документ информация.



Intellectual Output: Outdoor Training Guidelines

- Type:** Training material
- Media:** Text file
Website
Internet
Social Media
- Language:** BG, DE, EN, ES, IT, TR
- Duration:** 02.12.2019 – 31.07.2020




OUTCOME FRAMEWORK DESCRIPTION

1. Explanation of the outdoor training guidelines for youth leaders professionals in respect to:

Building of Competency in outdoor educational & training to promote Eco-literacy: integration of emotional, social, and ecological intelligence

The outdoor youth leaders professionals need knowledge and skills in:

- Environmental understanding - to communicate and apply major ecological concepts like individual, species, population, community, ecosystem, biogeochemical cycle, energy production and transfer, interdependence, niche, adaptation, succession, homeostasis, and humans as an ecological variable.
- Safety, group management, problem solving, using technical equipment & tools, protecting the environment, organizing excursion/expeditions



<ul style="list-style-type: none"> ✓ Simple picture (Image) <ul style="list-style-type: none"> o Image type: PNG o Resolution: at least 800*600 o dpi: 300 o Size: max 250 KB 	
<ul style="list-style-type: none"> ✓ Clip art – a link must be provided together with the image 	 <p>https://www.youtube.com/watch?v=U5Gx0DY</p>
<ul style="list-style-type: none"> ✓ Video – a link must be provided together with a title 	<p>Basics of Hiking with Kids: https://www.youtube.com/watch?v=H2wEPN0WSD</p>

3.3 References

Activity 1 Increase in Awareness on components of nature (understanding nature, its components)

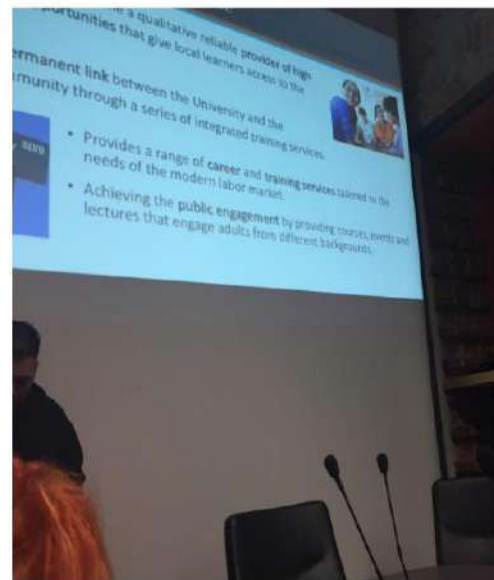


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Slide Title

- Make Effective Presentations
- Using Awesome Backgrounds
- Engage your Audience
- Capture Audience Attention



4. Face-to-face meeting with the CEO and the staff of the company Research, Organization & Manufacture of Bioproducts (ROMB) Ltd.

Aim: Popularization of SES-ECO project aims anticipated intellectual outputs, and current advancement; face-to-face discussions on the project.

Date/Time: 10.03.2020; 14.30 – 15.15 h; during the training workshop organized by ROMB Ltd. with landscape architecture students

Target sectors:

- Education
- Manufacture of bioactive substance and human health promoting substance
- Professional, scientific and technical activities

Target audience:

- Business community representatives
- BSc and MSc students

Description:

Talk about the project and the prospects it offers to raise awareness among the society and the business world regarding ecoliteracy and the contribution of biotech business to strengthen the 'economy' element in the ecoliteracy paradigm.

Indicators:

- Number of staff from Intellect attending a meeting: 1
- Number of participants (in total): 4

Feedback:

Acquaintance with project philosophy to use SES in ecoliteracy promotion to youth. Exchange of fruitful ideas how to involve business in the outdoor students' activities Useful discussions about the possibilities for implementation of the company good practices in eco-oriented manufacture into pilot training activities within the project.

Evidence:

- Photos



