Making Open Science Schooling, A Reality for Secondary Students

https://www.eco-oss.eu/

About the Project

The **Eco-Systems of Open Science Schooling (ECO-OSS)** project for "**making open science schooling a reality for secondary school students**" started in October 2020 continuing for a period of two years. The project focuses on secondary schools, enabling them and the community stakeholders, i.e., families and enterprise professionals, to become agents of community's well-being. This is achieved through mutual collaborations constructing an eco-system that provides resources and infrastructure. The **eco-system** model reflects the lively and changing nature of the two sides and their mutual benefit.

Project Outcomes

01. Guidance Pack

02. Student Video

03. Policy Paper

04. Research Paper

Phases of the Project

During the six phases of the project, two teams from each school, including the management representative, the lead science teacher(s), the student captain, and the student team members, each will plan two science missions and realize them within the eco-systems. The project creates high quality knowledge and outcomes based on this practical experience.

October - November 2020	December – March 2021	April – September 2021	October – November 2021	December –2021 May 2022	June – September 2022
Scenario 1 Consensus	Scenario 2 Analysing	Scenario 3 Mission 1	Scenario 4 Evaluation	Scenario 5 Mission 2	Scenario 6 Production

★ Project Kick-off ★ School Teams Eco-systems Empowerment Event ★ Partner Meeting II – Finland (Oct/Nov 2021) ★ Student teams co-creation empowerment – the Netherlands (May 2022) ★ Partner Meeting III – Lithuania (Jul/Aug 2022)

The Consortium

Knowledge Partners

WITTENBORG University of Applied Sciences

UNIVERSITY OF EASTERN FINLAND

Practice Partners

PASVALIO Lévens PAGRINDINĖ MOKYKLA

İTÜ ETA FOUNDATION
doga SCHOOLS

Quality Assurance Partner

Associació WORKING WITH EUROPE G-55211254 Treballant amb Europa

Activities So Far

Kick-Off Meeting (virtual)
17.12-18.12, 2020

The schools told their stories through presentations and, introduced themselves. After a brainstorming session for the project's logo, a competition was set for the student teams to design the logo. Mutual understanding was created through discussion with the knowledge partners, around the project's core, main vocabulary, and its key innovations. The project's core definitions include Agent of community, co-creation, eco-system, learning on demand, and mission based. Practice partners expressed their needs, resources, and opportunities for the formation of eco-systems by filling readiness questionnaires.

Mobility Event (virtual)
03.02 – 05.02, 2021

The three-day mobility event was virtually held due to the persisting pandemic situation, to empower the school teams to create the first version of local eco-system through intense dialogues with relevant community and science resources (e.g., local government and relevant departments, science centers, companies, civil organizations, higher educations).

Day-1: Workshop on how to build the eco-system, including discussion panels, mapping resources, engage and motivating agents, organizing. Schools presented their current mission ideas and contacted agents –
Lithuania Butterfly mission, Darius Agro company,
Poland Biology mission, five partners in universities,
Romania Thermal energy and discussion with Termoficare Craiova,
Turkey Veterinary medicine and university and company partners.
Day-2: Workshop on documenting activities and video making, hands-on competition with Kapwing online collaborative video editor.
Day-3: Project coordinators meeting, updating plans, announcing the project's webpage, and checking IO's status.

Logo Competition

The project's logo was selected during the Empowerment event, through a fierce competition among 20 logos designed by the students. Romanian team won the competition was the winner! The logo represents the eco-system as the project's main innovation and inherits the essence of the previous OSS project.