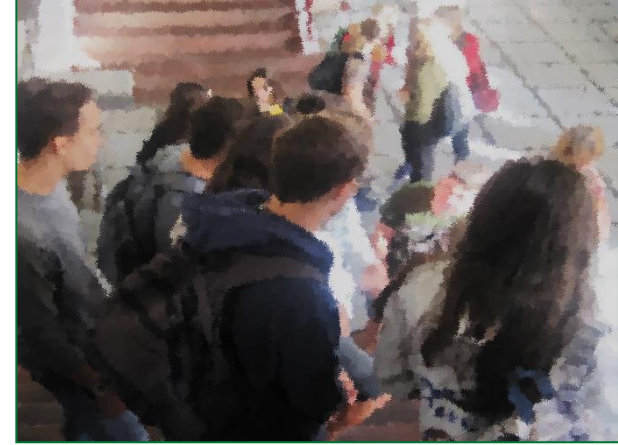


Eco-systems of OSS

KEY WORDS

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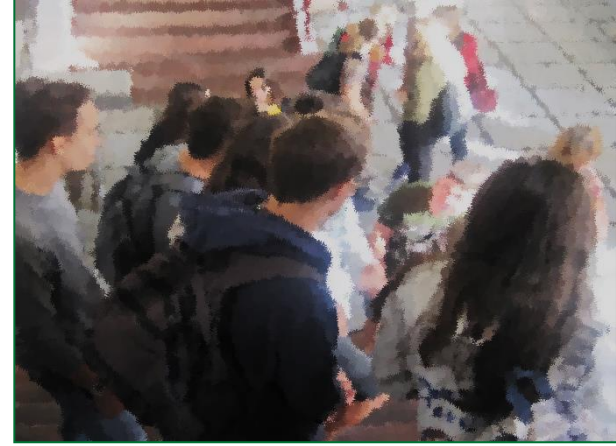
OPEN SCIENCE SCHOOLING

Open science schooling is fundamentally different from modernisation of science education.

The open science schooling approach is based on young students learning science through science missions carried out in the communities.

This is where the eco-systems come in.

Eco-systems of OSS



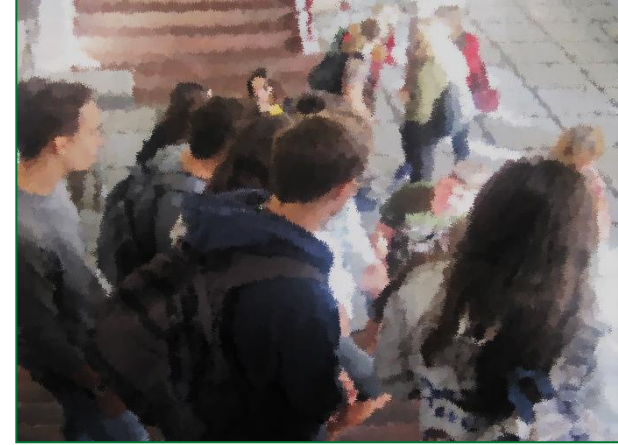
SCHOOL TEAMS

The school teams are drivers and facilitators of the eco-systems of OSS and will support the student teams' science mission.

The school teams represent all major levels of the schools:

- Management representation
- Lead science teachers
- Student captains

Eco-systems of OSS

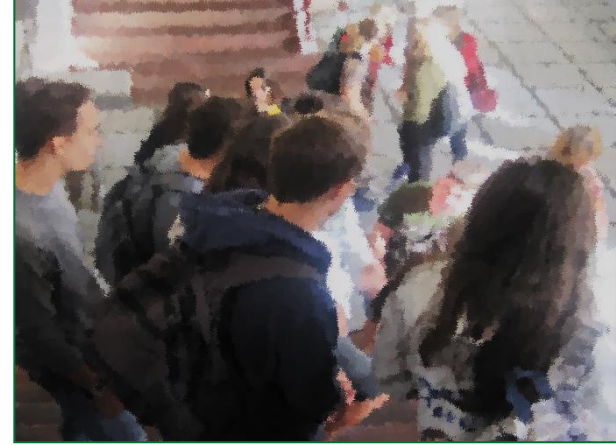


STUDENT TEAMS

Each of the 5 participating schools will form 2 student teams with around 5 students in each team.

The student teams are at the centre of the project

Eco-systems of OSS



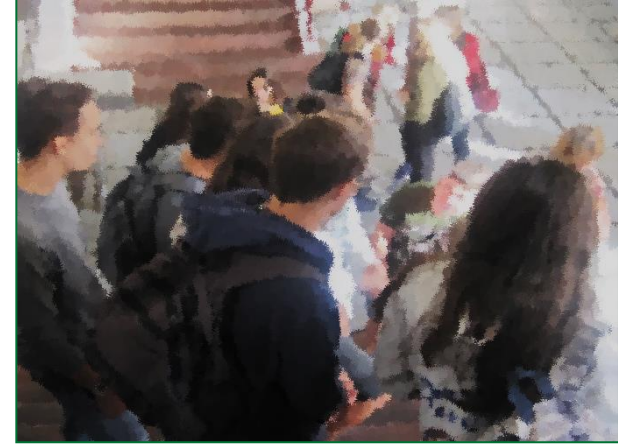
COMMUNITY

In this project community” should be understood in its widest sense: local physical community, the region, various science communities and virtual communities.

The globalised world and the 21st century students do not separate these worlds in the way the present educational systems do.

They work with the physical and virtual communities as one world.

Eco-systems of OSS



COMMUNITY AND SCIENCE COLLABORATORS/ECO SYSTEMS

The teams will collaborate with a wide range of people and institutions.

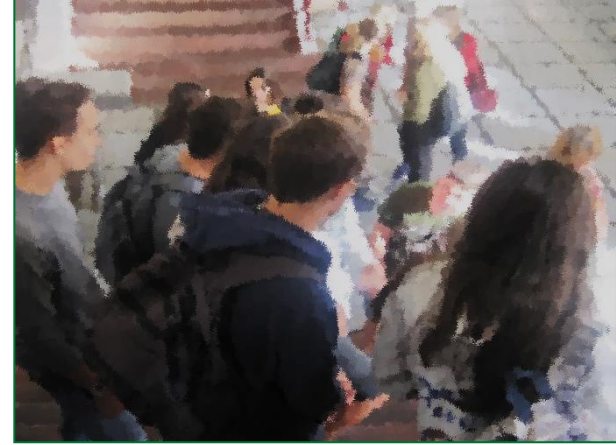
These community collaborating resources will be:

- **THE ECO-SYSTEMS OF OPEN SCIENCE SCHOOLING**: Their mission is to provide a platform of resources for the science missions.

Examples:

- Public authorities with an interest in science learning and science in the community
- Various forms of science educations and research bodies, private or public
- Open science centres in the community or region
- Entrepreneurial hubs engaged in science in various ways
- Citizens' organisations working with science-related

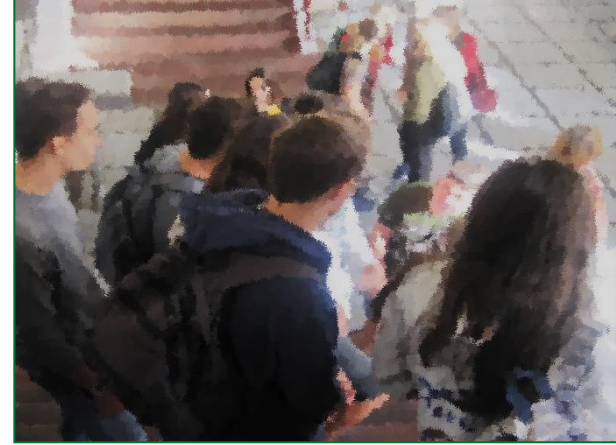
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➤ MISSION BASED SCIENCE RESOURCES

Any resources working directly with challenges linked to the student teams' science missions.

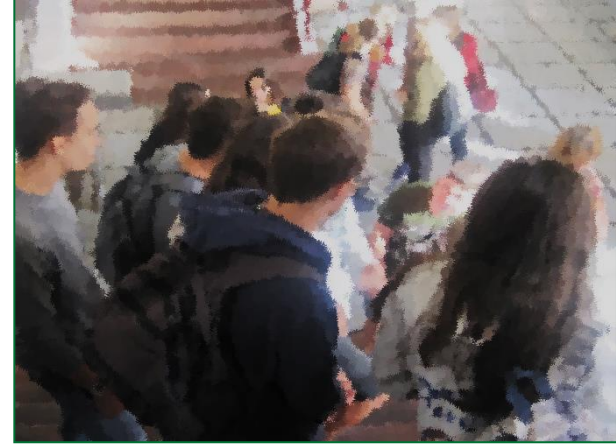
Eco-systems of OSS



LEARNING ON DEMAND

The students learn when they need to learn, when it is relevant, when they are motivated, and first of all: the students learn when they need to learn *to accomplish their science missions.*

Eco-systems of OSS



CO-CREATION

Students will be co-creators of the project implementation as well as the project outcomes.

Co-creation does not mean that the ones co-creating are responsible for the final outcome, but it means that the co-creators play important roles in the creation of solutions or outcomes.

THANKS

