

9 WAYS TO INTEGRATE OPEN & CITIZEN SCIENCE INTO ACTIVE LEARNING APPROACHES IN HIGHER EDUCATION



The INOS Project

Open Science & Citizen Science are key catalysts in shaping research and society in the European Union and the world.

The INOS Project aims to modernize Higher Education Institutions' curricula through civic engagement in Open & Citizen Science.

Consortium



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TALLINN UNIVERSITY

Web2Learn
Open, social learning

1 Engage with university students to meet ambitious social objectives.

Whereas university staff may be involved in Open & Citizen Science projects, university students are much less involved.

4 Develop curricula that embrace Citizen Science, Open Science & public participation in shaping science.

Include Open & Citizen Science in higher education curricula as a means to mainstream it in university learning & teaching practice.

5 Support local communities seeking scientific advice.

Collaboration between scientists & citizens is of critical importance in addressing complex issues, such as environmental justice & public health advocacy.

8 Engage in Open Innovation.

Universities & their libraries are expected to commit to new knowledge creation, thus becoming a key source of innovation in society.

9 Leverage the role of universities in financial transparency initiatives.

Social movements asking for more financial transparency on national & global levels should be supported by universities through Open & Citizen Science.

2 Adopt innovative approaches in academic engagement for civil society.

Academic & library staff should go beyond mainstream solutions to reach out to new, ground-breaking initiatives.

3 Involve academic & library staff in the design and implementation of Citizen & Open Science.

Adopt more diversified roles at various stages of Open and Citizen Science projects, beyond the 'observer' role of scientific validation or external evaluation.

6 Extend Open and Citizen Science projects to many stakeholders.

Broad collaboration is needed to tackle social issues.

7 Build trust & sustainability by including citizens.

Higher Education Institutions & academic libraries should look beyond the end of an Open/Citizen Science project: take sustainability measures, strengthen community uptake & build trust with volunteers.

Learn more at
inos-project.eu

