

Key Action: Cooperation for innovation and the exchange of good practices

Action Type: School Exchange Partnerships

Project Title

# Water ... why? Aqua ... à quoi? Raising awareness and sensitivity for a responsible use of water through cooperative scientific inquiry following the nature of science approach.

Good practice example



Project Coordinator

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## Project Information

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<b>EC Contribution</b>	74,343.1 EUR
<b>Partners</b>	Il Liceum Ogólnokształcące im. Jana Pawła II (PL) , Istituto di Istruzione Superiore MARZOTTO-LUZZATTI (IT) , Lycée Général et technologique Charles de Gaulle (FR)
<b>Topics</b>	Environment and climate change ; Natural sciences ; EU Citizenship, EU awareness and Democracy

## Project Summary

Aqua ... à quoi? Raising awareness and sensitivity for a responsible use of water through cooperative scientific inquiry following the nature of science approach.

Our goal is to implement the European idea in various ways into science lessons within our schools. In the framework of fostering international competence, we would like to intensify and expand European connections and provide a variety of – virtual as well as face-to-face – encounters of the participating 100 students from these four countries.

Specifically, this means we would like to initiate an intensive exposure of our students to the encompassing and connecting topic “water“. Water is a habitat for extremely adapted fauna and flora, it is the source of life and an inevitable aspect of human nutrition, connected to water various jobs are created and activities enjoyed. When aquatic ecosystems are interfered with, for example through environmental changes or anthropogenous factors, this has severe consequences for the whole fabric, not only regionally but transregionally and even globally. Depicting this far-reaching dimension to adolescents, we aim to implement a practically oriented approach. A shared experimenting environment and scientific knowledge acquisition are used to work on previously developed question from multifaceted perspectives – in chemistry and biology labs, outdoor investigation, through interviewing experts and on-site research. The participating students will get to know methods of scientific knowledge acquisition that by far exceed possibilities at school, thus, they are able to broaden their methodological horizons.

The mutual cooperation of adolescents from four different countries, implemented through the specific and physical student exchange as well as mediated through digital platforms in further project phases, leads to a raised awareness concerning matters of environmental protection. Besides, questioning own attitudes and lifestyles in respect to environmental issues makes an effective change of perspective possible and eventually results in better identification with the project and shapes European awareness.

Due to the pandemic’s limitations, the real encounter takes place in the form of two actual student exchanges and one virtual project encounter. Eight students from each partner institution respectively participate in each encounter, so that every student is able to experience – at least in the actual face-to-face exchange – the respective country’s culture based on the accompanying cultural program, visiting school and living in a host family. All exchange activities are going to be conducted in small multilingual and culturally mixed groups, following a CLIL approach using the lingua franca. Previously developed multilingual word-lists of subject-matter vocabulary will support communication, modelling the value of learning foreign languages for sciences. They are going to consider mobility and international cooperation an asset, which will unveil for them a precious glance into the world of work and universities.

As an essential factor for this project to succeed we identify a necessity of effective communication. Therefore, results (documentation, pictures, videos etc.) are shared with all participants and further digital tools are utilized. Utilizing digital media is in accordance with each participating school’s developmental focus and, is especially in the given pandemic circumstances timely. Furthermore, it fosters the motivation of students and, thus, leads to a consolidation of digital skills of students as well as teachers.

All project outcome, in form of extensive documentation, will be made public to a wider audience – school community, parents, other schools, local media etc.– to highlight the project’s significance. For all participating schools the project provides a fostered international focus and an expansion of existing contacts in respect to future projects.

Link to project card: [Show project card](#)

\* Results are available for this project. You can click on the link above, and go to "Results" section to view them

