



Project

MultiCO-project is funded from the *European Union's Horizon 2020 Science with and for Society*-programme. The programme specifically aims to make science more attractive to young people and to build effective cooperation between science and society.

MultiCO-consortium works together with all societal actors, including researchers, citizens, business, policy makers and third sector organisations during the whole research and innovation process. This means that MultiCO-project applies the Responsible Research and Innovation approach to research and innovation.



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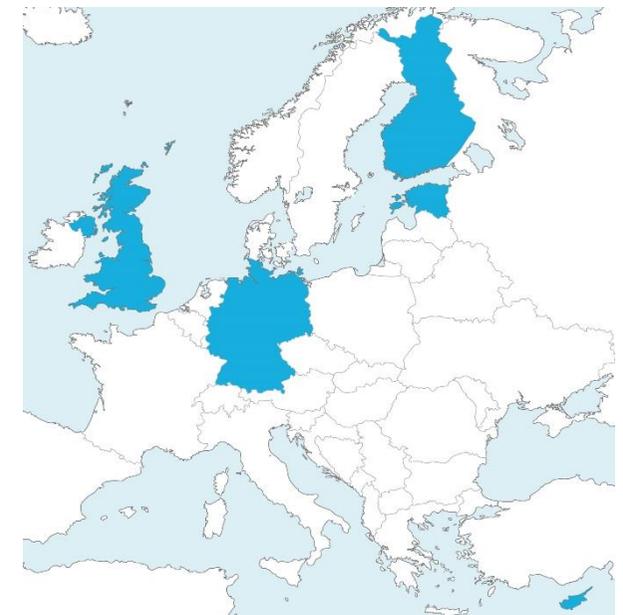


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Promoting Youth Scientific Career Awareness and Its Attractiveness through Multi-stakeholder Co-operation



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Career awareness

Students at the ages 13-15 are not aware of career options and few indicate knowing professional working in the science, technology, engineering and mathematics fields. Raising awareness of the role of science and technology in society is one of the key outcomes of the project.

MultiCO-project makes an effort to introduce students real life related scientific careers and to show the value of choosing school science.

Pathologist
Zoologist Air traffic controller
Software designer
Physician Vet
Energy engineer
Meteorologist

By involving the students in planning and executing career based science teaching the project aims to promote students' interest in science learning and scientific careers.



Working life skills

Employers have indicated a range of important working life skills they expect graduates to master. MultiCO-project cooperates closely with industry and business, as well as with policy-makers, scientists, civil society organisations, parents, teachers and students to gather perceptions about scientific careers and essential working life skills.

By introducing careers and working life skills required in that specific field, MultiCO-project aims at orienting students towards gaining positive views in undertaking science careers.

Creativity
Problem-solving
Reasoning
Collaboration
Cultural awareness



Learning through career-based scenarios

Career-based, science-related scenarios are used in teaching as case studies to examine students' perceptions on teaching stimulated by these scenarios. The scenarios are based on science-related careers, mainly in fields related to European challenges e.g. energy, water, waste, climate change, food, health and transport. These issues are interdisciplinary and included in European curricula in secondary school.

Scenarios are intended to initiate the learning process, to be followed-up by science-driven inquiries and possible socio-scientific decision-making. The learning process is planned to develop students' collaboration, creativity and reasoning. The scenarios not only point out science knowledge, but highlight key skills required in working life or careers.