

NEWS LETTER



Citizen science



An example of such citizen science initiatives can be applications such as eBird, created for amateur birdwatchers. Users can share their latest observations there, along with photos and location.

Citizen science is a way of gathering information and a chance for everyone to learn. Everyone can collect and share specific data consciously or unconsciously.

Consciously, people can participate in projects that focus on studying and analyzing phenomena and changes.

Unknowingly, people can provide information about important changes for scientists, e.g. being a member of social media.

Citizen participation in research makes it more cost-effective and can have a global reach. Such activities help not only in expanding knowledge, but also in promoting awareness of changes and phenomena important for people.

Climate change is a serious problem, the effects of which are already being felt today. According to our research, the most frequently noticed problem is air pollution, followed by water and soil pollution and the greenhouse effect.



Climate change

Statistics related to these changes show that



Already in 2019 the majority of the urban population in the EU was exposed to the levels of key air pollutants that harm health. In particular, 97% of urban dwellers were exposed to concentrations of fine particulate matter (PM 2.5) that exceeded the levels set out in the new WHO guidelines, i.e. 5 µg/m³.



Water of lower quality (98.5% meeting the requirements) was provided by the water supply with the lowest efficiency, i.e. below 100 m³/day and other entities supplying water (99.3% of water meeting the requirements).

The European Union wants to reduce greenhouse gas emissions by 55% by 2030 compared to 1990 levels and to achieve climate neutrality by 2050. For this to happen, we need programmes raising awareness and the need for action.



In more than 90% of the country area, there are soils made of acidic sedimentary rocks, formed as a result of leaching of alkaline cations.



Over the past 150 years, the average temperature has increased by almost 0.8°C worldwide and by around 1°C in Europe. The IPCC estimates that by 2100 the global temperature may increase by another 1.8-4.0°C.

Project VEforCA



Main objectives:

- To support VET staff and learners in understanding environmental challenges and increasing "environmental skills" through active environmental education and capacity building of local communities.
- To promote education for change, developing critical active citizenship and advocacy for sustainable development.



Detailed objectives:

- To increase opportunities of VETs to engage with their communities in environmental and climate actions while enhancing their ability to think critically.
- To develop an open eLearning programme for VET educators empowering them to support community engagement for the environment.
- To develop a set of resources to increase and measure eco-consciousness among VETs.
- To encourage a shared decision-making process and co-design of environmental policy initiatives by applying a multi-stakeholder approach.
- To ensure wide and sustainable access to the project results among VET learners, educators, civil society organisations, and policy-makers.



Brak notatek.

Activities

Participatory research (questionnaires, Focus Group Interviews), complementing a desk research on citizen science approaches, environmental challenges and actions, which will be then conveyed in the interactive report.

Development of e-learning programme empowering VET educators to promote community-based environmental action.

Delivery of a pilot environmental awareness-action with VET learners with the newly-created sustainability kit and the eco-consciousness assessment package.

Results



– Interactive report: environmental challenges and climate action



– E-learning VET programme



– VET Sustainability kit



– Eco-consciousness VET assessment package

Our Activities:

As part of the project, the first partnership meeting was held in Lublin, Poland, during which a project work was planned. Surveys and questionnaires were carried out and results were developed on how citizen science can be used to protect the environment.

Focus group interviews with staff and participants of vocational education were also carried out in order to broaden knowledge and identify the best solutions in a given group, as well as in-depth interviews with citizen science experts guaranteeing the acquisition of advanced data related to the main topic of the project.



Partners

Foundation "Fundusz Inicjatyw" (Poland) – Leader

A non-governmental organization dedicated to the promotion of the idea of lifelong learning, creating and providing conditions for the promotion and propagation of humanistic, pro-social, entrepreneurial and patriotic attitudes.



Prometeo (Italy) – Partner

Prometeo is an Adult Education Provider founded in 2001 in Italy.

Prometeo activities cover different sectors as Distance Learning Education and Smart Working, Environment and New Technologies in Agriculture: Agro-food Industries, Professional Skills for Managers, Economics and Financial Education, Youth, Health Care, Tourism and Eco-professions, Women at Work, Social Inclusion, Employment and Integration of Migrants.



Media:

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