



Officina Educazione Futuri 2022

Description of the practice/project related to the topic "Spaces of inclusion and democracy" you are sharing with the community of Officine

Name of the people /person involved	Valentina Tudisca
Affiliation	CNR-IRPPS
Title and practice/project short description (max 1000 characters)	<p>THE GLOBAL SCIENCE OPERA LEVERAGE STUDENTS PARTICIPATION AND ENGAGEMENT IN SCIENCE THROUGH ART PRACTICES – GSO4SCHOOL</p> <p>GSO4SCHOOL is a 3-year Erasmus+ project aimed at promoting and systematize at a scientific level the Global Science Opera methodology, through which students, teachers and other social actors from different countries collaborate in an interdisciplinary way to the production of a musical opera about science topics, each year different, with sustainability as transversal element. The educational innovation <i>framework</i> to which we make reference is the STEAM approach (<i>Science, Technology, Engineering, Arts, Mathematics</i>), that integrates sciences with arts and humanities to foster the development of scientific citizenship, giving value not only scientific competences, but also to artistic and transversal skills, like creativity, entrepreneurship, collaboration, communication.</p> <p>The Global Science Opera première is yearly released on Youtube on November the 20th, the International Children's rights Day, and will go on also when the European project is concluded.</p>
Notes on didactical /methodological innovation introduced (max 1000 characters)	<p>The project developed several educational materials to support the teachers-students community in contributing in the Global Science Opera and fostering integration between art and science (available on the website http://gso4school.eu/); moreover, it organized 3 summer schools and monthly online workshops. Essential to the project is collaboration between scientific, artistic, educational communities.</p> <p>The ideal objective is to integrate the Global Science Opera methodology in the school curricula. However, there is no age limit for participation (one of the recent participant group is composed by Alzheimer patients).</p> <p>The project partners are: CNR-IRPPS (Italy), Western Norway University of Applied Science and Atheno (Norway, international coordinator), Science View and Ellinogermaniki Agogi (Greece), Nuclio (Portugal), TPCT</p>

	(Cyprus).
Key words (max 6)	Scientific citizenship, STEAM, community, sustainability, transdisciplinarity, co-creation
Short biography of the people /person involved (max 900 characters)	PhD in physics with a two-year master in Science communication, she is a researcher at the Institute for Research on Population and Social Policies of the National Research Council of Italy, where she coordinates the group Social studies of science, education, communication on the relations between science, politics and society, participating in national and European projects. Her research interests include: science communication, relationships between evidence and policy-making, representations of migrants in the mass media and in textbooks, connections between science and art. She uses participative methodologies to involve social actors in her research activities. In parallel with her research, she collaborated for years with a range of magazines such as <i>Sapere</i> , <i>National Geographic Italia</i> and <i>OggiScienza</i> , winning 3 national science journalism awards.