

ORAL PRESENTATIONS

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RaSTEM – Project for the Future Education and Science Everywhere and for Everyone

Promoting STEM education as a tool for long-term social inclusion and sustainable development is the focus of this project, which is part of a broader initiative to systematically popularize science and education across all age groups. Aimed at children and young people from preschool to university, as well as educators, parents, healthcare professionals, and wider communities, the project addresses key challenges related to promoting equity, scientific literacy, and community resilience.

Six core activities—RaSTEM in Kindergarten, RaSTEM in Primary Education, RaSTEM in Secondary Education, RaSTEM and Healing, RaSTEM Among the Stars, and RaSTEM on the Road—are implemented in collaboration with public institutions such as schools, the Clinical Hospital Centre Split, and the Faculty of Science at the University of Split. The project emphasizes inclusion and specifically targets gifted children, children who are temporarily hospitalized, and young people living on islands.

Physics Society - Split volunteers and physics students contribute to building a culture of civic engagement and intergenerational learning through workshops, lectures, and public science events.

By bridging formal and non-formal education and fostering partnerships between scientists and educators at all levels, the project directly supports several sustainable development goals, particularly Quality Education and Reducing Inequalities. In this way, it demonstrates how interdisciplinary collaboration and grassroots initiatives can contribute to the creation of more inclusive, well-informed, and sustainable communities.

Keywords: education, inclusion, science, community, equality