

Stakeholders outreach: essential scientific dissemination tools at the Biodiversity Festival

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The Biodiversity Festival, held on May 8, 2025, at CNR-IAS Detached Unit of Capo Granitola, represents the final event of Activity #BiodiversityFestivalOnTheRoad, SPOKE 7 - NBFC Project. In the framework of this activity, the scientific staff, in collaboration with the Headmaster, teachers and students of the I.C. Pirandello - S. G. Bosco di Campobello di Mazara (TP), organized also the Open day "At school with Science: Biodiversity and STEM disciplines" which saw 320 primary and lower secondary school students as protagonists, the 4 training days "At school of Biodiversity", organized between November 2024 and February 2025 with 80 students and the seminar "A roadmap for a knowledge-based Maritime Spatial Planning" held by Prof. Ferdinando Boero, zoologist and ecologist of international level, attended by 70 teachers and school principals of the province of



Educational outreach activities, #BiodiversityFestivalOnTheRoad, SPOKE 7 - NBFC Project

The protagonists of the Biodiversity Festival were about 80 students from the first classes of the I.C. Pirandello Middle School - S. G. Bosco in Campobello di Mazara (TP) who becomes "scientists for a day" and were also rewarded for school competition "Explorers of Biodiversity", launched on the occasion of the 4 days of training at school.



Students rewarded for the Competition "Biodiversity Explorers"



Dr. Antonella Cirrito's artistic installations in recycled plastic

To add value to the event the artistic installations in recycled plastic by the artist Dr. Antonella Cirrito, created with the aim to raise awareness among citizens on issues related to the valorization of waste as a resource and the protection of the environment.

During the event, the innovative application of 3D scanning technique on skeleton of *Stenella coeruleoalba* was presented, preparatory and essential for the realization of Activity 1.3.4 SPOKE / of NBFC "Delphy-3D the guardian of Capo Granitola". A scientific comic was presented to students through the installation of 24 exhibition panels in which the "Delphy skeleton", made immortal by science, is the protagonist and represents the technology innovation and development tool, to promote knowledge among young people on the CNR IAS Detached Unit of Capo Granitola research activities. The creation of this story highlights the relationship between science-territory-innovation-culture-popular traditions with a popular and highly scientific approach.



Activity "Delphy-3D the guardian of Capo Granitola"

The storytelling of researchers, the presentation of scientific results with photos, videos, documentaries and the use of the teaching methodology of "touching with hands" have allowed the learning of science, hostile to many, through edutainment, an innovative form of communication and playful learning because it is interesting and curious.