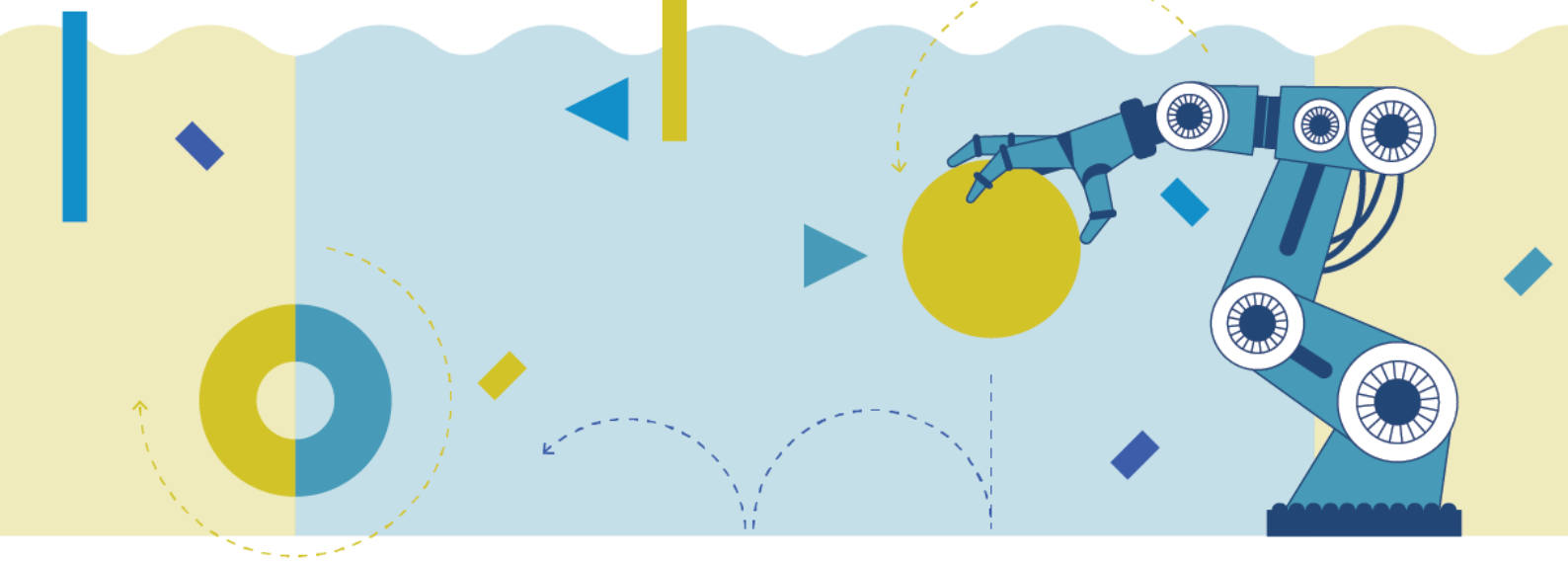
Press Release 2



Co-funded by the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.

Project Number: ERASMUS-EDU-2022-1-IT02-KA220-SCH-000089578

RoboAquaria Pilots Underway!

The RoboAquaria Project is approaching a significant milestone with the **final phase of school pilots** taking place in Italy, Greece, Cyprus, Croatia, and Ireland. Designed to strengthen STE(A)M skills and awareness of marine environmental challenges, the project has released a variety of resources, including a **MOOC** and a **Toolkit** of lesson plans.

The platform includes three core modules, each supported by a short assessment, to help educators apply the content in practice:

- **Marine Environmental Education and Climate Change Risks**
- **Modern Pedagogies for Marine Environmental Education**
- **Educational Robotics & STEAM in Marine Education**

Each module helps educators integrate robotics, environmental topics, and contemporary teaching methods into classroom activities. In parallel, nine lesson plans are being piloted in schools, offering students a range of interdisciplinary activities that combine technology and environmental education. These lessons focus on:

- **Robotics and programming**: Students build and code simple robotic models, use sensors, and apply logical thinking to complete tasks such as obstacle avoidance and motion control.
- **Marine environmental awareness**: Through discussions, storytelling, and reflection, students explore topics like marine biodiversity, pollution, and how technology can support ocean sustainability.

Feedback from early piloting sessions indicates that the materials are adaptable, engaging, and support active learning. Teachers report that students show increased interest due to the hands-on nature of the activities, the introduction of new technology, and the excitement of seeing their programmed robots actually work, especially when these tasks are connected to real-world environmental issues like ocean pollution and biodiversity.

As the pilots continue, the project team is collecting feedback to refine the materials, which will be freely available to schools after the piloting phase concludes.

For more information on the RoboAquaria Project, visit www.roboaquaria-project.eu or social media at www.facebook.com/roboaquaria/ and www.linkedin.com/in/roboaquaria-project-16208626b/?originalSubdomain=cy

Co-funded by the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.
Project Number: ERASMUS-EDU-2022-1-IT02-KA220-SCH-000089578