



The Team Behind the Development of the Caretta Caretta Robot:

Mustafa Kemal Ambar -Trainer Project Coordinator

He has carried out the planning and execution of the entire project.

Alper Yüksel – Software Developer

He developed the software infrastructure of the robot. He worked on integrating a special library to ensure the robot correctly detects objects using artificial intelligence.

İsmail Efe Çeft – Design and Assembly Specialist

He designed the aesthetic and functional exterior of the robot. He contributed to the creation of a mechanism that allows Caretta to move smoothly on sand and resist friction.

İbrahim Adem Ateşönümez – Cable and Screwing Specialist

He was responsible for designing the robot's electronic circuits and organizing the cabling.

Bařış Yusuf Kahvecioğlu – Prototype Specialist

During the prototyping phase, he developed innovative ideas and integrated them into the robot's design.

The team came together to support the Caretta beach cleaning project, developing an eco-friendly robot and turning a vision into reality.



Small Grant Program Project Partners



mustafakemal.ambar@outlook.com



This publication has been funded by the European Union under the SEEing Youth Project's Inspire the Future Small Grant Program. The content is the sole responsibility of Mustafa Kemal Ambar and does not necessarily reflect the views of the European Union



CARETTA'S CLEANING ADVENTURE

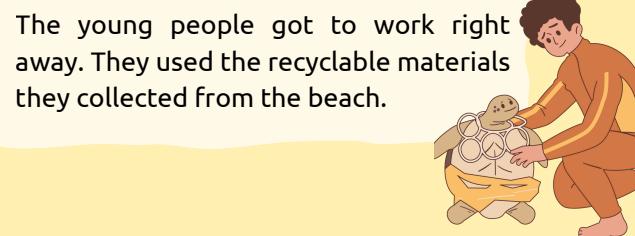
Once upon a time, there was a Caretta Caretta sea turtle peacefully swimming in the cool waters of the Mediterranean. Named Caretta, this turtle would return to the beach every summer to lay eggs in the sand. But this time, upon reaching the shore, a surprise awaited: the beach was dirtier than ever before!

Plastic bottles, bags, cigarette butts, and more blocked the path to the home. Deeply saddened by the sight, Caretta wondered, "How will I deal with all this pollution?"

How will I handle this pollution?



One day, Caretta met a group of young people playing on the beach. When they heard Caretta's story, they decided to help. They talked among themselves and came up with a big idea: "Why don't we make a robot to help Caretta clean the beach?"



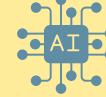
The young people got to work right away. They used the recyclable materials they collected from the beach.



They built Caretta two strong arms and four wheels. Now, Caretta had become a turtle robot that could move easily on beach!



But something was missing. Caretta realized that it needed a plan to collect the trash on the beach. Fortunately, the young people gave it one more superpower: artificial intelligence!



With this, Caretta would be able to detect and clean up trash that could harm the sea turtles' houses.

Now, when Caretta arrived at the beach, it knew which trash to collect thanks to its artificial intelligence, and with the help of the young people, it was making the beach spotless. Caretta's efforts to clean the beach not only protected nature but also made the habitats of other creatures safe.

But Caretta still wasn't completely at ease.

The beach might have been cleaned, but it didn't know whether the pollution would truly come to an end or if people would really learn these lessons.

Silently, it returned to the shore, looking at the cleaned sand while pondering whether people could change.

Maybe more individuals would join in, just like the young people did, or perhaps things would return to how they were before.

Only time would tell.

