

# Making Science Attractive to Female Students through Open Science Schooling Focused on Climate Change



## Highlights of Slovenian Team's Work

### e-Waste and Climate Change

We started our journey with our teachers presenting the project to us. They told us what the project is and its focus on climate change (CC) and e-waste. First, we worked on the project by talking about different environmental problems. We had a presentation about CC to discuss air pollution, the greenhouse effect, the impact and consequences of climate change, and our local communities working on such problems. We decided our missions will be on e-waste, CO<sub>2</sub>, educating people about CC, and reducing the use of plastic.

We interviewed different people about what they know about CC, its impact on their lives, and changes in the local environment. After the opening presentation, we decided to work on a video, in which we interviewed different people about what they know about CC, its impact on their lives, and changes in the local environment. Through this we realized that CC has had an impact on our lives and that even younger generations are noticing it. As part of the CC and e-waste research, we collaborated with Snaga (a waste disposal company), which brought an educational lecture that all students enjoyed. From this, we developed an extracurricular activity entitled *e-waste and the circular economy*. ZEOS, a NGO that takes care of the reuse and proper disposal of e-waste, parked a special truck, the e-transformer 2.0 at the school entrance!



Precious rare raw materials



STAY TUNED!

Next Issue: Introducing Spanish Team's Work

### Students' Perspective

*"As a woman, I would like to emphasize, that I had noticed some slight differences in my country, but the stereotypes are not as common here as they are in some other countries. During the projects, I noticed that there are in fact really less women in science compared to men (this being a fact that I had not really considered prior to this project). An entire project dedicated to this topic seemed a bit subjective to me at first, but I believe that it is important for us to express our beliefs on topics such as this one. Our missions were interesting, because we were comparing and uncovering differences among genders and other facts I did not know about beforehand. The topics of projects like these really are important for our society as a whole, since were not just informing ourselves, but also the people around us. Projects like this one also allow people from around the world to meet, share their views and form long lasting friendships. Science4girls was so far one of the best experiences I have had so far."* Mihaela, Science4Girls, Team Slovenia

*"Through videos, a ZEOS employee interactively presented the weaknesses of the linear economy (take-make-consume-dispose), which causes waste to accumulate, and highlighted the importance of a circular economy based on extending the life of a product and its possible re-use, which contributes greatly to maintaining a clean environment. It seems very worrying that we have already exhausted some rare raw materials due to the production of electronic devices, and that one-day the production of mobile phones will no longer be possible. Raising awareness about the proper handling of e-waste is very important, because our planet must be functional for future generations."* Team Slovenia

## The Consortium

