

# IMPACT OF THE PROGRAM

GREEK TEAM

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Project Description + [ERASMUS+ XANTHON](#)  
Residuos Eléctricos y Electrónicos y Calidad del Aire

- ▶ During the 3 years this program has lasted, the impact it has had on students, teachers, the school and the community in general has many levels, regarding the environment but culturally and as personal growth as well



- ▶ The members of the group, old and new students and teachers, first learnt, then created, measured, designed and presented, and finally interacted with the members of the other countries



# Tips of an



*at home*

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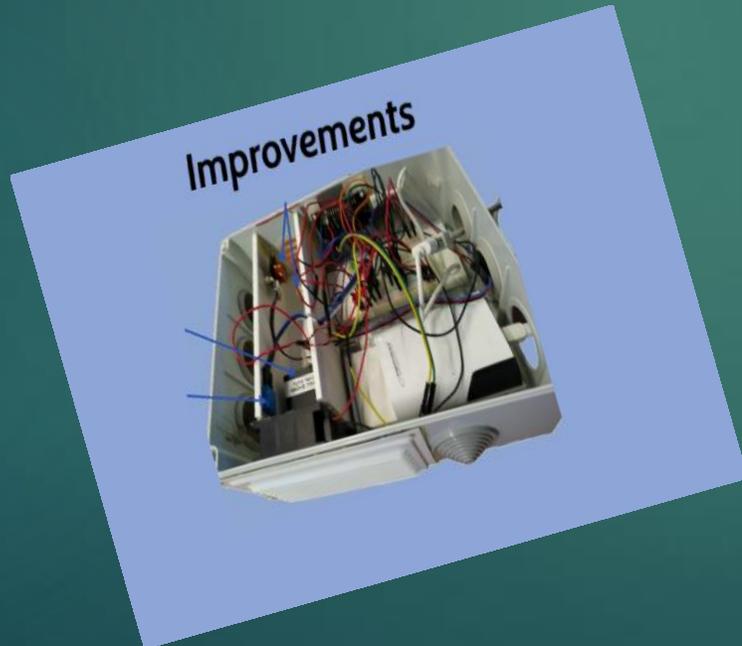


- ▶ This knowledge and experienced was passed along from the group to their friends and family, to the rest of the school and to our community



# Air pollutants

- ▶ Our team initially learned theoretically about the major air pollutants, the damage they cause to the environment, and which human activities produce them
- ▶ Next we learned to use a device to measure the air quality in our city and be able to compare it live with other European cities
- ▶ We measured the pollutants exhausted by different cars in our laboratories



# Air pollutants – Impact on group

- ▶ The group has realized the importance of avoiding automobiles and choosing bicycles, mass transportation or car-pooling
- ▶ The group has realized the importance of choosing the most eco – friendly heating and cooling system for their home now and in the future
- ▶ The group has realized the effect of not recycling electric and electronic devices on the environment



# The need for reusable energy sources for the future



- ▶ We studied the different types of air conditioners and concluded which are the safest for the environment
- ▶ Prepared graphs visualizing certain conclusions of air pollutants



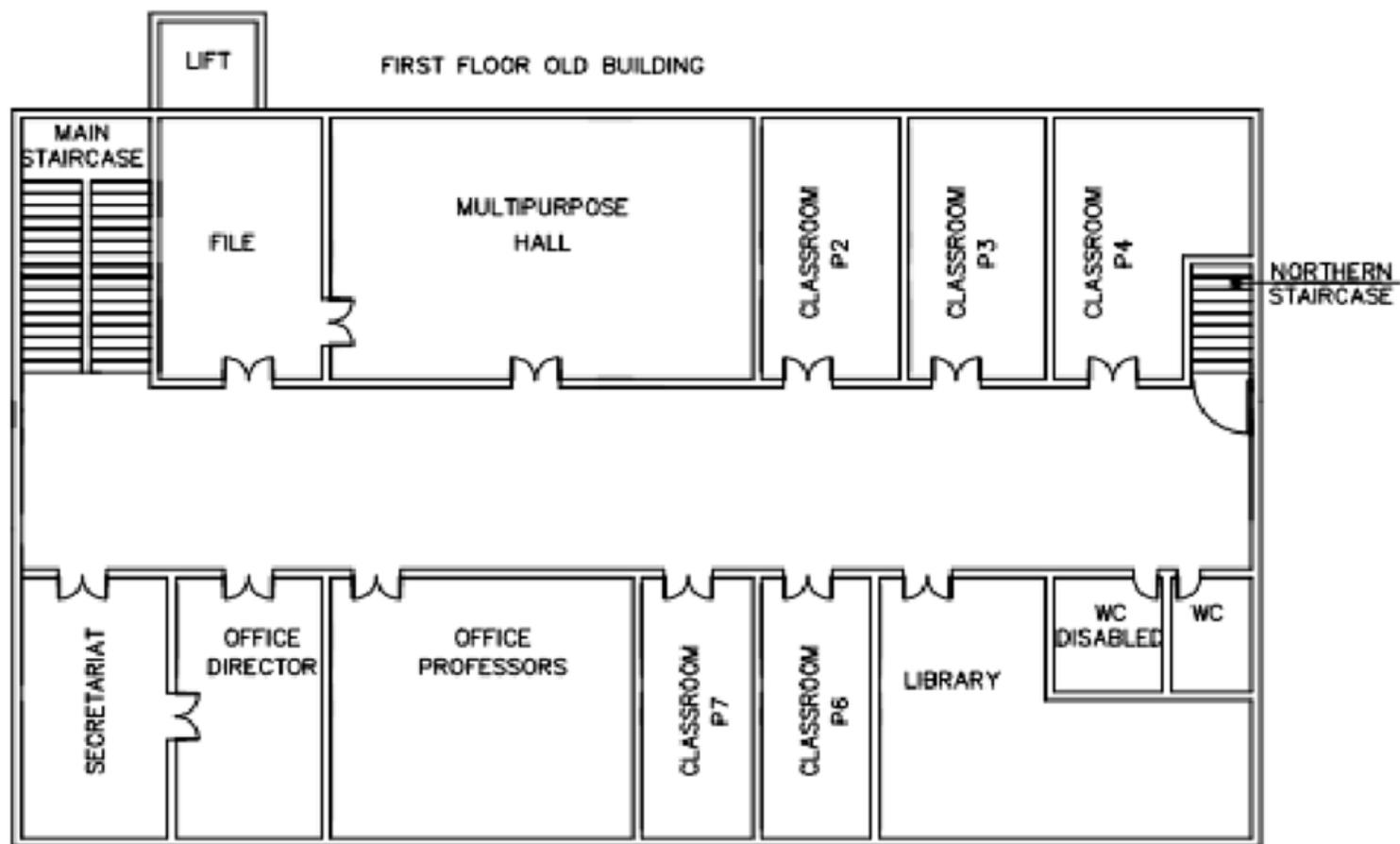
# Air pollutants – Impact of group on community

- ▶ Discussion of group with the rest of the school, especially the two fields which can impact air pollution, the automotive engineers and the cooling and heating engineers
- ▶ Recycling bins for different materials in different areas of the school



# Electric and electronic waste

- ▶ The group realized the damage these materials in these devices caused the environment
- ▶ We researched options of proper disposal and recycling in our city
- ▶ Information about where electric and electronic devices can be recycled has been posted in different areas of the school
- ▶ Importance of repairing instead of just replacing has been passed on from group to the rest of the school community



Other topics discussed such as avoiding fast fashion, renewable energy forms, the “ecosia” search engine are good practices that have been adopted by the team and passed on to their friends and family



The team came into contact with agencies which advocate for the environment in our own city, like the environmental awareness center in Vamo, the botanical park, and the monastery of Ag. Eirini. Most people in the group had not visited all these places and suggest it to their friends and family



# Sharing with our Community

[Το 2ο ΕΠΑΛ Χανίων στη Σόφια της Βουλγαρίας](#)

[Το 2ο ΕΠΑ.Λ. Χανίων στην Ισπανία](#)

[Δράσεις για το περιβάλλον από το 2ο ΕΠΑΛ Χανίων](#)

[https://2epal-  
chanion.chan.sch.gr/portal/index.php?option=com\\_c  
ontent&view=article&id=916&Itemid=740](https://2epal-chanion.chan.sch.gr/portal/index.php?option=com_content&view=article&id=916&Itemid=740)

- ▶ Finally this program has impacted the group on a cultural level. We were given the opportunity to coordinate with two different countries on this project, a novel experience. We were also given the opportunity to travel and to host in our city. Not only did this help us take down language and cultural barriers but we believe friendships were created that will last for a long time



“Through the project I learned so many things about pollutants and the environment and we even managed to make a working device which measured air pollutants” **Aggelina**

“My family and I now have at home all the recycling bins. In addition, when it comes time to choose air-conditioners in my line of work I will keep in mind all the facts I have learned through this program.” **Manos**

“We worked together in groups and we learned how to trust each other and create amazing work.” **Apostolos**

# THANK YOU

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