

## OUR VISIT TO TRED CARPI

We went to Carpi to visit the Tred Carpi, the treatment and recovery plant for waste equipment. Our visit began with an introduction to the development of this facility. They talked about the aim of remediating and recycling electronics waste equipment. Here they taught us how to calculate percents of reuse materials, burnt materials with or without the production of energy or buried materials based on some documents they gave us.

After that began our visit of the plant, where they work to disassemble appliances such as televisions, fridges, air conditions, washing machines, electric furnaces, dish washers. In particular we observed the process of the deconstruction of televisions and fridges. The first thing we saw was the extraction and the remediation of the cathode ray tube and the removal of the fluorescent powder that are on the television's screens, that are toxic elements.



The process of the fridges consists in the removal of toxic gas, source of the ozone hole, using a tube with a suction cup. Then they disassemble the components and triturate the supporting structure.





We also visited the control machines room, where there is an officer who controls the right functioning of equipments.



Braccio,Casali,Guandalini,Mezzetti,Negri,Toniato,Vallieri