

Wednesday, February 25th we went with Professor De Ruvo in the courtyard of the elementary school "Flavia Casadei" to see a pickup truck with an antenna that measures the pollution and a rod connected to measure ultraviolet rays. There was a gentleman who explained to us how it worked this "process". He told us that these mobile stations can also be found in other places in the province: San Leo, Verucchio Villa, Ponte Marecchia, ... just to compare the different places how much pollution is produced.

This man works for the ARPA, an agency that controls the pollution of water, air, electromagnetic fields. Control smog in cities contained within the boundary layer (an air mattress that surrounds the city)

He explained that the Po Valley is a basin; within the troposphere there is a layer called the scrambling that rises with the temperature rise of the Summer.

They make the monitoring and controls in companies that emit gas in the air. They check whether the substances are within the limits of toxicity to humans. Pollutants are: gas or solid. If you are above 10 microns they are retained in the nose and cause no harm if they are under 10 microns penetrate deeply into the lungs carrying toxic substances. In Winter and Summer there are two seasons in inquinamenti different because the car is used differently. The cars are very influential on the air we breathe in cities.