

Vila Nova de Poiares

April 17th 2023

Dear Sir

Mayor of Vila Nova de Poiares

Mr. João Henriques

It is with great pleasure that we send you this letter. We are 11th grade students from Escola Básica e Secundária Dr. Daniel de Matos that will go to Italy during the week of April 30 to May 6, as part of the Erasmus+ project, accompanied by two teachers from the school group.

The theme of this mobility is "Green Energies", which is why we are sending you this letter referring the importance of these energies, in an attempt to raise awareness about this type of energy.

"Green Energies" are energies that come from natural sources such as wind, water, and sunlight, among others, which may or may not be renewable sources, and there is, therefore, a difference between renewable sources and "Green Energies". This energy is of increasing interest to a population concerned with the environment and committed to caring for, preserving, and protecting planet Earth. Environmental awareness and the certainty that the ecosystem and human beings and their livelihoods are closely related were two of the great achievements of the COVID-19 pandemic, against which our municipality fought so hard. For this very reason, the bet on green energy, produced from renewable sources, is central not only to combat and counteract climate change, but also to ensure our future.

We can take advantage of the energy that the sun provides, from photovoltaic panels, for example. (Solar energy is the most abundant energy resource on planet Earth - 173,000 terawatts of solar energy reaches our planet continuously. This is 10,000 more than the entire world's total energy consumption). Other examples are: Wind; Dams; Biomass; among others...

Choosing green energy does not imply complications or price increases or additional costs in energy bills. In fact, green energy generated from renewable sources enters the distribution network and reaches the homes of final consumers with the same quality and power as other non-renewable energies.

In addition, because it is generated from resources originating from Nature itself, operating costs are moderate, which is not the case with non-renewable energy sources, whose final price is very dependent on factors such as the prices set by the producing countries.

We end this letter by reinforcing the importance of "Green Energies" in the fight against climate change and raise awareness to their maximum use in our municipality, for example with the use of our mountains for the construction of wind power stations, or by providing the necessary knowledge and help for their use to factories in our municipality.

Thank you for your attention,

Students of the 11thA.