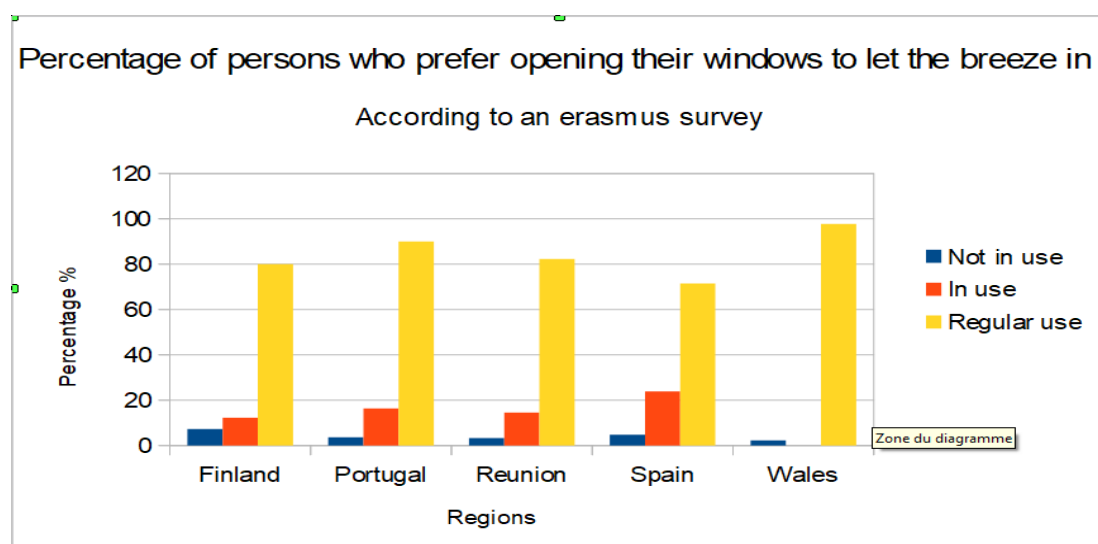


Sustainable development has been a very important subject these past few years, indeed, we are trying to fight against global warming and its bad effects on not only our planet but also us as human beings. Because we are very concerned about this, we organised a survey for erasmus+ so that we could have a better vision of how sustainable goals were treated in different regions.

I decided to focus on the question: **«Open windows to allow a breeze instead of turning on the air conditioning.»**, this question attracted my attention because it is indeed very effective in the process of fighting against global warming. I have come across different articles that were debating on whether we should use the air conditioner or let the windows open, it is a very classical debate. Well, a lot of experts say that letting the windows open has a lot of health benefits, it of course increases the oxygen level and even prevent from cancer because of the indoor air pollution, gas, cleaning product... all of this can cause allergy-like reactions, like sneezing, coughing, itchy eyes or skin, breathing problems, so you may want to opt for some air exchange by opening the windows. But this isn't the only reason why opening the window is better, the warmer it gets, the more people tend to seek for air conditioning, the use of AC is booming all over the world and it is even predicted that by 2050, two thirds of the world's households could have an air conditioner. The problem is that, unless the energy comes from renewable sources, all of these increasing demands for AC will increase the emissions of greenhouse gas, and this will only contribute to global warming and of course to warmer summers, which will lead to an even more increasing demand of air conditioners, its a never ending circle. Opening your windows is a free remedy to hot summers, of course it won't keep your house as cool as if you were using the AC, but it won't hurt you and more specifically it won't hurt our planet.

After taking into account the various results of the survey i decided the make this following graph :



This graph is about the percentages of persons who prefer opening their windows instead of using the air conditioning, of course the results are based on the erasmus+ survey.

When it comes to regular use, we can see that Wales and Finland take the lead, with almost 100% of the answers saying they regularly open the windows for Wales and 80% for Finland, both being not so warm countries so we understand why air conditioning isn't very much needed. 90% of people from portugal (who took this survey) actually use this method, a bit more than 80% from reunion

island and 70% from Spain. When we look at the results for « not in use », these ones are very low no matter the regions, the highest one being 7,31% for Finland and the lowest 2,22% for Wales. When we only focus on Wales, we see that almost 100% of the 45 persons who took the survey open their windows instead of turning on the AC on a regular basis, which is very logic because sustainable development is a subject that is taken very seriously for Wales, for example the Environment Act from 2016 requires the Government to set new emission reduction targets by the end of 2018.