



The sustainability challenge

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Travelling, eating, living and performing activities within a carbon dioxide quota



We are a group of students from Sweden and Spain, that thanks to the European commission had the opportunity to see if it's possible to travel across Europe in a sustainable way and on a carbon dioxide budget that is within the limits to maintain the two degrees goal. It was fun but also challenging and here are some of the experiences from the project. If you want to know more please check out our movie, report and Instagram by visiting our webpage.



We need to improve our knowledge about the environmental problems. We know that it is possible to travel through Europe by train. You don't need the airplane. The CO₂ emissions of an airplane in a distance of 2617 km (Seville-Gothenburg) going back and forth suppose **124045 kg / CO₂**. On the other hand, on a train journey it would be **507.70 kg / CO₂**. This data led us to choose the opinion of the use of the train as we can see that there is a large difference in emissions.

It's not hard to be eco- friendly. Eat vegetarian food and choose sustainable activities

The main objective of this project is to see if it is possible to make this trip while maintaining the quota of CO₂ that is established by organisms such as the IPCC or the WWF (World Wildlife Fundation) but in a realistic and economic way. Despite the effort made by the group, we have observed that maintaining levels below the established is practically impossible. For example, in the food field, we exceed 53 kg / CO₂ per person, in terms of activities we exceed 13 kg / CO₂ per person, and in transport 140 kg / CO₂ per person. The sum of these data would end up surpassing the average established by the IPCC, so that in the long run the established limit of 2 ° C would be passed. After analyzing these factors, we conclude that currently, both our society and our way of life, do not allow us to lead a life respectful of the environment and the climate.





<http://sustainabilitychallenge.eu/>

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