

## TRANSCRIPTION OF THE PODCAST “CIVIL RESPONSABILITY”

**Female:** “Climate change is the greatest challenge facing humanity in the 21st century. Scientists at the Intergovernmental Panel on Climate Change, known as the IPCC, say in their latest report · that human activity is generating emissions of greenhouse gases that are altering the climate on Earth”.

**Male:** “The average temperature of the planet is currently the highest since records began in 1880. According to NASA, 2016 was the hottest year with an average temperature of almost one degree higher, precisely 0.99 degrees Celsius, compared with the average between 1950 and 1980. 2016 was the third consecutive year that beats the temperature record”.

**Female:** “Scientists believe that an increase of 2 ° C is the limit beyond which there is a very high risk of dangerous and catastrophic changes for the life of man and the existence of other living beings on the planet”.

**Male:** “For this reason, the international community, through the Paris Climate Agreement, has recognized the need to keep warming below that 2°C. And all, governments, companies and citizens must get involved to reduce emissions of greenhouse gases”.

**Female:** “But, what have we humans done to reach this situation? How can each of us work together to stop climate change?”.

**Male:** “Humans are certainly responsible for the current climate change. But it was not always like this”.

**Female:** “The origin of the Earth goes back to about 4.6 billion years and, as you know, during that time, it has been heated and cooled successively, producing even warmer times than the present and also glaciations that covered a large part of the planet”.

**Male:** “But these variations in temperatures took thousands of years to occur and originated by natural causes: either by the activity of the sun, the eruption of volcanoes or variations in the orbit of our planet”.

**Female:** “Whereas now, since the Industrial Revolution, human activities have begun to change the weather and the natural cycle of life is being altered”.

**Male:** “The increase in energy consumption and industrial activity, transport, deforestation, livestock and agriculture, have led to an increase in emissions of CO2 and methane, the main greenhouse gas”.

**Female:** “Daily acts such as heating, turning on the light or using petrol-powered vehicles all have their influence on climate change. Every decision we make influence to a greater or lesser extent in our environment, and, as this expert explains, it is our responsibility to modify certain behaviors”.

**Expert:** “We are all Citizens and all, in one way or another, responsible because we all consume, we all move, we all need energy, it is a shared responsibility”.

**Male:** “The energy sector is directly involved in global warming: more than 80% of its production comes from fossil fuels. Their use for electricity, heating or transportation contributes to global warming”.

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**Female:** “The transport sector also causes very large amounts of emissions. According to the WWF, road travel now account for over 20% of these emissions of greenhouse gases in the world”.

**Male:** “As we have said, the main evidence of climate change is the increase in the average temperature of the Earth. This, in turn, has other effects such as sea level rise, declining ice sheets, a change in the frequency and intensity of extreme weather events and changes in ecosystems”.

**Female:** “As a result of these alterations, there are already negative impacts on agricultural production, which is decreased; also in the access to safe drinking water, rising ocean acidity levels, and extreme weather events such as heat waves, storms, hurricanes and droughts”.

**Male:** “We must be clear that all human activity affects the climate, for example, meat consumption is responsible for nearly 15% of carbon emissions. In turn, raising livestock causes greenhouse gases such as methane and converts forest lands into pasture areas. Deforestation is particularly serious in the Brazilian Amazon”.

**Female:** “As a further example, the transport sector represents the fastest growing emissions of greenhouse gases since 1990; is responsible for nearly a quarter of CO<sub>2</sub> emissions in our country. And so is the case in all industrialized countries”.

**Female:** “Although it seems insufficient or minimum, the key lies in the actions we take daily to develop more respectful behaviors and habits with the environment. What we eat, what energy we consume, how we move or even how we dress influences the fight against global warming”.

**Male:** “In our home or office we need to be at the right temperature. 20 degrees in winter and 24 in summer approximately. Use low-energy bulbs and choose models of energy-efficient appliances, those of Class A”.

**Female:** “We must consume less energy, and do so as much as possible supplied by sources of renewable origin. Saving and energy efficiency are the keys that will help fight against climate change”.

**Male:** “In the textile industry, which is responsible for 10% of CO<sub>2</sub> emissions in the world, there are also solutions, choosing on fashion brands whose garments are manufactured without harming the environment”.

**Female:** “We must reduce the use of cars and use more public transport, the bike or just get used to walking on short journeys, which will also improve our health”.

**Male:** “Citizens must be responsible people, conscious consumers and be demanding when requesting information about the origin of the products we buy or the energy we consume”.

**Female:** “To battle climate change every gesture counts, because it adds up. As citizens, consumers, if we stay together, we have more power than we imagine. It's time to take action”.

**Male:** “Finally, it must be clear that we are not facing an environmental crisis, but an existential one. Our own survival as a species is at stake. It depends on every one of us”.

