



# CLIMATE DETECTIVES 2020 – 2021



## POLLUTING TRANSPORTS

Os Especialistas

Escola Básica e Secundária Mouzinho da Silveira

### RESEARCH QUESTION

How the excessive use of non-electrical transports in a small area, which leads to air pollution in Corvo island

### SUMMARY OF PROJECT

The local problem that we are presenting is the excessive use of non-electrical transports in a small area, which leads to air pollution. We chose to approach this theme because we are worried about air pollution as well as noise pollution caused by the excessive use of means of transportation. As an example, we can point out that in 15 days six new cars arrived to Corvo island. Having in mind the number of inhabitants and the means of transportation used on the island, we can state that some people own more than one car. By approaching this subject, we want to inform our community about the unnecessary cars and their consequences because if they continue using them in this way, they will cause more and more pollution, and the breathing air will be harmful for our health.

Day	Time	Place	Total of cars
08/04/2021 Thursday	15:15 – 16:00	Rua Jogo da Bola Rotunda do Ribeirão	44
10/04/2021 Saturday	12:00 – 12.45	Rua Jogo da Bola Rotunda do Ribeirão	26
24/04/2021 Saturday	12:00 – 12.45	Rua Jogo da Bola Rotunda do Ribeirão	52
29/04/2021 Thursday	15:15 – 16:00	Rua Jogo da Bola Rotunda do Ribeirão	55

Day	Time	Place	Total of cars
08/04/2021 Thursday	15:15 – 16:00	Rua dos Moinhos Rotunda do Porto da Casa	22
10/04/2021 Saturday	12:00 – 12.45	Rua dos Moinhos Rotunda do Porto da Casa	24
24/04/2021 Saturday	12:00 – 12.45	Rua dos Moinhos Rotunda do Porto da Casa	38
29/04/2021 Thursday	15:15 – 16:00	Rua dos Moinhos Rotunda do Porto da Casa	40

Figure 1:

### MAIN RESULTS

In order to check the amount of vehicles circulating around our island, we chose two different spots at different times.

DayTimePlaceTotal of cars  
08/04/2021  
Thursday15:15 – 16:00Rua Jogo da Bola  
Rotunda do Ribeirão44  
10/04/2021  
Saturday12:00 – 12.45Rua Jogo da Bola  
Rotunda do Ribeirão26  
24/04/2021  
Saturday12:00 – 12.45Rua Jogo da Bola  
Rotunda do Ribeirão52  
29/04/2021  
Thursday15:15 – 16:00Rua Jogo da Bola  
Rotunda do Ribeirão55

DayTimePlaceTotal of cars  
08/04/2021  
Thursday15:15 – 16:00Rua dos Moinhos  
Rotunda do Porto da Casa22  
10/04/2021  
Saturday12:00 – 12.45Rua dos Moinhos  
Rotunda do Porto da Casa24  
24/04/2021  
Saturday12:00 – 12.45Rua dos Moinhos  
Rotunda do Porto da Casa38  
29/04/2021  
Thursday15:15 – 16:00Rua dos Moinhos  
Rotunda do Porto da Casa40

Figure 2:

### ACTIONS TO HELP LESSEN TO THE PROBLEM

The team will organize information sessions for the population.

Figure 3: