

The background is a vibrant, abstract composition of overlapping organic shapes in shades of blue, purple, and teal. These shapes are filled with various patterns: some have small white dots, others have larger white dashes or speckles, and some are solid colors. The overall effect is a dynamic and textured visual field.

We want to  
breathe free

Made by the ROMANIAN TEAM

# Weather forecast about the impact of the solutions achieved to reduce air pollution



## First method

The students of our high school can use bicycles and scooters as means of transport to reduce pollution. But the weather in Romania (our area) allows their use for approximately 110 days / school year.

# For example

Listen  
carefully

## A simple mathematic calculation

- Before 1 car , distance is 7km way back or 4 days at school distance or 192 gCO<sub>2</sub>/km a euro5 ,car or 290 days of school
- Per year= 56km/per week.... 4060 km/ per year, we produce 10.7 kg per week with CO<sub>2</sub> , 791,7 kg per year CO<sub>2</sub>
- After making these calculations, we realized how much impact it has on the environment and how much we can reduce by grouping some students in a single car. We have already given up 3 cars and only one is left.
- We managed to reduce 2374 kg of Co<sub>2</sub> just by using one car and by giving up the other 3 cars.
- I came up with this idea, you know, I also proposed to the other high school colleagues and there started to be fewer cars

# Second method

The students from Erasmus project address an open letter requesting the Mayor of Târgu Jiu, Marcel Romanescu, the creation a bike path and electric scooters that could connect the central area of the Municipality with our school unit, as a potential solution for reducing pollution in the Municipality of Târgu-Jiu.

Their idea will be presented during the mobility carried out by students and teachers of our high school that will take place in Turkey, between March 19-25, 2023, in the city of Eskişehir. The Erasmus+ mobility will take place under the coordination of Professor Diana-Tamara Barb and the director, Prof. Ionuț-Marius Scorei.



Letter for the mayor of  
Târgu-Jiu

Stimate Doamnă Primar al Municipiului Târgu Jiu,

Noi elevii din cadrul Liceului Tehnologic Henri Coandă, participanți în cadrul proiectului Erasmus+ 2020-1-FR01-KA229-080135\_4 "WE WANT TO BREATHE FREE", vă adresăm o scrisoare prin care vă solicităm ca o potențială soluție pentru reducerea poluării din Municipiul Târgu-Jiu crearea unei piste de biciclete și trotinete electrice care ar putea lega zona centrală a Municipiului de unitatea noastră școlară.

Menționăm că aceasta ar putea fi amenajată în lungul Bulevardului Ecaterina Teodoroiu din municipiul Târgu Jiu pe oricare dintre trotuarele deja existente, trotuare a căror lățime permite, în cea mai mare parte, amenajarea unor astfel de piste.

Menționăm că ideea noastră va fi prezentată în cadrul mobilității efectuate de către elevi și profesori ai liceului nostru care se va desfășura în Turcia, între 19-25 martie 2023, în orașul Eskişehir. Mobilitatea Erasmus+ se va desfășura sub coordonarea doamnei profesor Diana-Tamara Barb și a domnului director, prof. Ionuț-Marius Scorei.

Elevi participanți în cadrul proiectului:

Golescu Raul-Mădălin

Badea Andrei Cristian

Smărândoiu Popescu Mario Norbert

Bîzgă Camelia Alexandra

Rebecca Viola

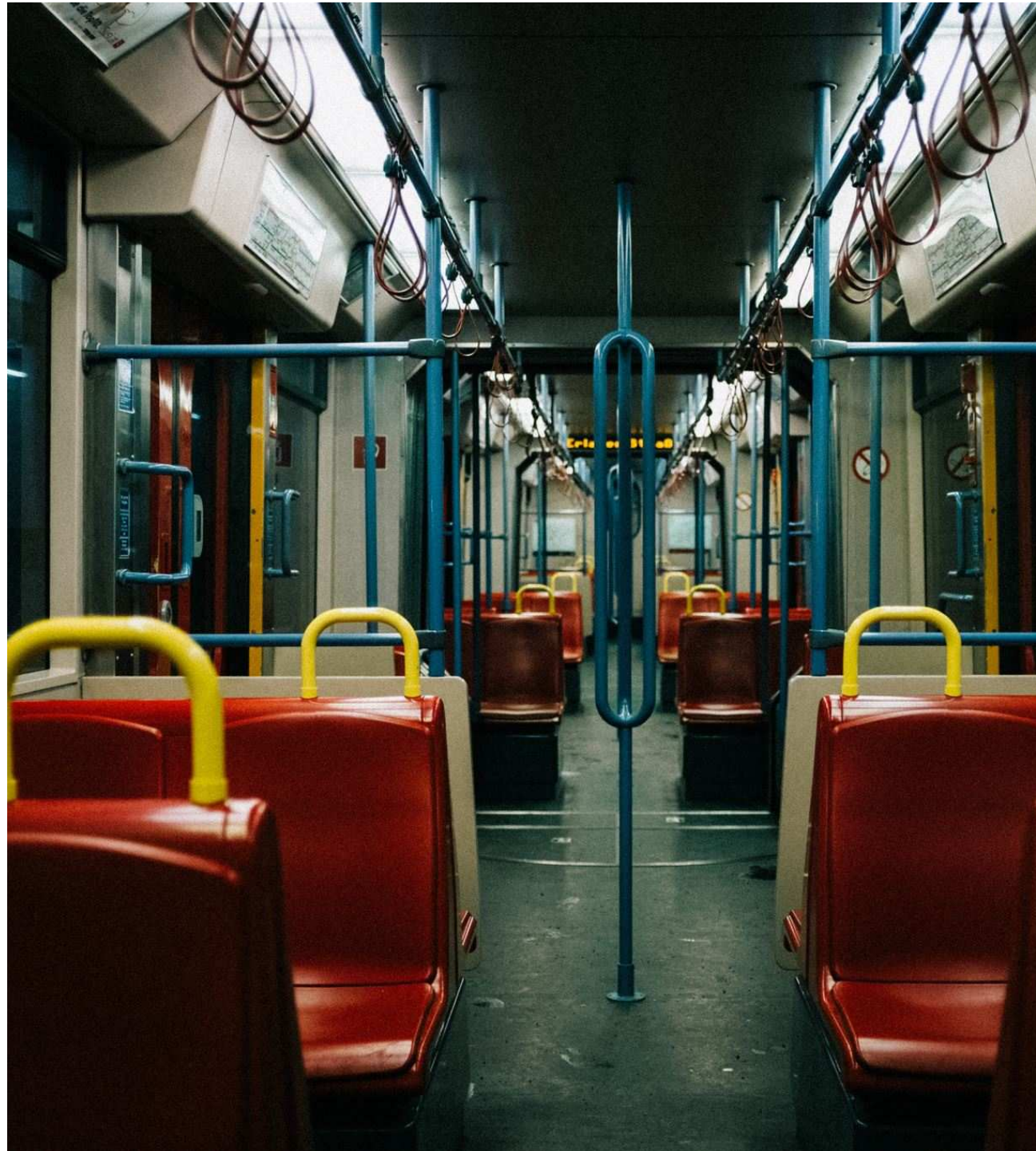
Reprezentant al elevilor Liceului Tehnologic Henri Coandă,  
CIOBANU VALENTIN-GABRIEL

*Ciobanu*

# Third method

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Using public  
transportation





© mobilitate.e

For example

- There are 9 pieces, purchased in 2022, part of a contract aimed at the purchase of 20 new trolleybuses. The vehicles have extended autonomy, being equipped with batteries.
- On February 17, 2022, another contract for the delivery of another 15 trolleybuses of this type was signed.



# Fourth method

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- From the 9 Mai district, we are a group of 35 students who gave up driving, reducing by 10 cars, and chose public transport. Through this method we have reduced the number of cars in traffic going to our high school



# Fifth method

- The decision taken by our group was to reduce consumption:
  1. Saving electricity by unplugging electrical devices. We found a reduction of 17 Kw/month X 4.9kg / CO<sub>2</sub>
  2. Reducing the temperature in homes, especially when we are away (school/work) through smart thermostats. I noticed 20m<sup>3</sup> gas and 38kgCO<sub>2</sub>/month.
    - Even the reduction of 1°C in the interior temperature mored them 15m<sup>3</sup> savings 28.5kg / CO<sub>2</sub>.



# Sixth method

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- We decided to participate again this year in the afforestation project supported by Romsilva together with the teachers of our high school and the other students.

## Romsilva contează pentru viitor!

15/03-15/04

Fii alături de noi,  
participă la luna  
plantării arborilor!



# Thank you for the attention!



- High school students must be aware of the importance of reducing pollution in order to ensure a green future for the next generations. These projects are an opportunity for their direct involvement.