



ROMANIA



BACAU CITY





BACAU COUNTY SCHOOL INSPECTORATE

The county has 499 schools, out of which:

- 192 are with legal personality - 101 urban and 91 in rural areas; 172 state schools and 20 private schools
- 307 ascribed schools – 75 urban and 232 rural
- CJEX – Bacau County Excellence Centre
- CJRAE – Bacau Country Centre for Resources and Educational Assistance
- Grigore Tabacaru Teacher Training House





INSPECTORATUL
ȘCOLAR
JUDEȚEAN
BACĂU



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BACAU COUNTY SCHOOL INSPECTORATE

WORLDWIDE PROGRAMME ECO-SCHOOLS



BACAU COUNTY SCHOOL INSPECTORATE

Let's Do It, Romania! – the greatest volunteer gathering to clean the country in one day – 17 September 2022 (more than 40 schools and 3500 participants from our



Biodiversity & Travel in Karpenland



Participants from "N.V. KARPEN" HIGHSCHOOL: -

- Students: - Chelaru George
- Giurgiucaanu Andrei
- Cristea Ciprian
- Boboc Ionut

Teacher: Balint Simona



1. TRANSPORT OPPORTUNITIES

- In our county, Bacau, there is a multitude of options when it comes to transportation.
- Some of them are more efficient than others but you also have to take into consideration the average cost of the option you choose, or the distance you have to travel in order to get to highschool.
- So here are the top options that students gravitate to:



a.Walking

- We will start with the most common yet most inexpensive and ecological way of going to school, the good old **walk**. This is obviously most used by the students who live near the school.



b. Bicycles, scooters and other micromobility devices

- This option is used by the students that don't enjoy public transportation or just want to burn some extra calories. This method can become quite fast when instead of riding along with you, the dog is **chasing** you.



c.Public Transportation

The driver when you tell him you are late to school

- This method is mainly used by the pupils who still live in the city but farther away from school. Its main advantage is that it can be as cheap as walking because the school can provide a **bus** pass that can be used even on holidays.
- The downside of this method is that due to the early hour, a lot of people choose the same option for being cheap and convenient to use.



d. Personal vehicles and ride sharing

- This method is being used either by students who live far away and whose parents are willing to drop their kids off to school or the ones that got their license and can **drive** themselves. Since the price of gas skyrocketed, many people opted the other options mentioned before.
- With the popularization of ride sharing apps, this became a good option for the people who can afford it.



e.School minibuses

- This is the option used by the pupils that live outside the city. Our county is equipped with around **151 minibuses** (84 from the Ministry of Education and 67 from the local public authorities) that provide transportation for students in need of it.



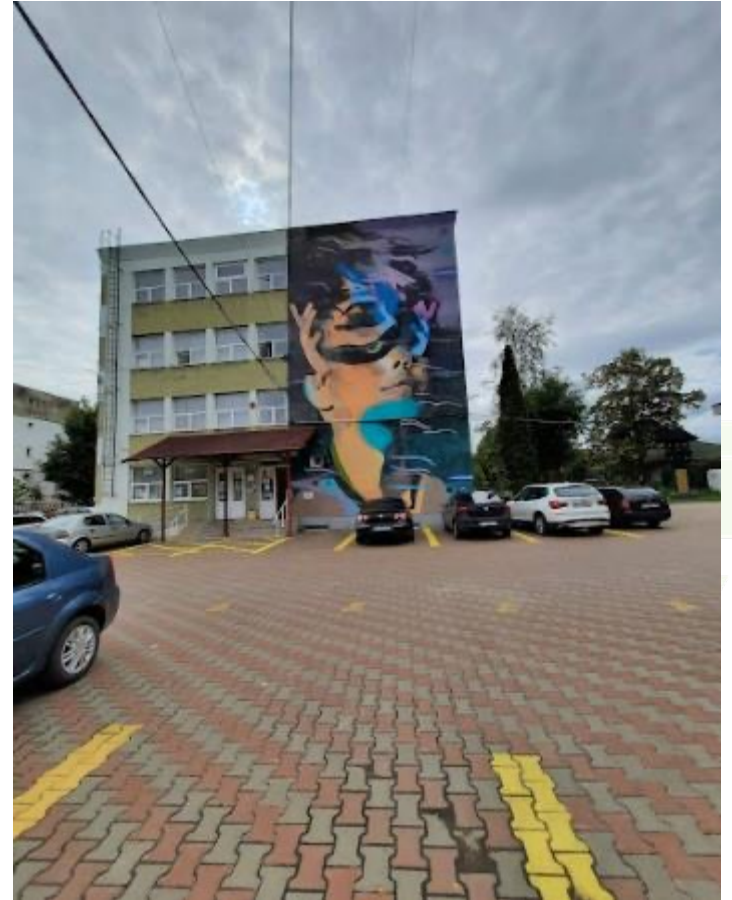
Statistically speaking, we have 2100 students in our school.

211

Students who live in the dorm.

365

Daily Commuting Students – by train,
by bus, by minibus.



The electrical charging station

- The electrical charging station was installed in the campus of Karpen Highschool in December 2021, on the occasion of its 52nd anniversary.
- With a power of 21 KW (kilowatts), the station allows the charging of electric cars and was made with the support of electrician students, as a project work.
- It will be useful, as didactic equipment, for the students who are preparing in the qualification of Auto Electrician Electronist Technician, but it is also functional for charging the electric cars that come to the campus.



2. BIODIVERSITY

- Romania, to this day, has preserved most of its natural beauty. This led to a complex biodiversity which can be found in every county, including Bacau.



- The biodiversity can be seen in the multitude of **trees** and **plants** that our country possesses.
- The students in our school learnt a lot about the species of trees and plants due to the projects they have been involved in: "How to make an herbarium?", "The miracle in the medicinal herbs", "Brief introduction in the world of mushrooms".
- Here are some examples of the species that they found in their trips in our region.





Alun- Hazel tree
Coryllus avellana



Carpen – Hornbeam tree
Carpinus betulus



Feriga comuna - Fern
Dryopteris filix-mas



Coadă calului – Horse Tail
Equisetum arvense



Brusture - Burdock
Arcticum lappa



Coadă soricelului – Mice Tail (yarrow)
Achilea millefolium



Iedera - Ivy
Hederea helix



Lumanarica - Little Candle
Verbascum pholomoides



Matraguna - Mandrake
Atropa belladona



Menta - Mint
Mentha longifolia



Măceș - Dog Rose
Rosa canina



Mure - Berries
Rubus fruticosus



Patlagina - Plantain
Plantago major



Salcie - Willow
Salix alba



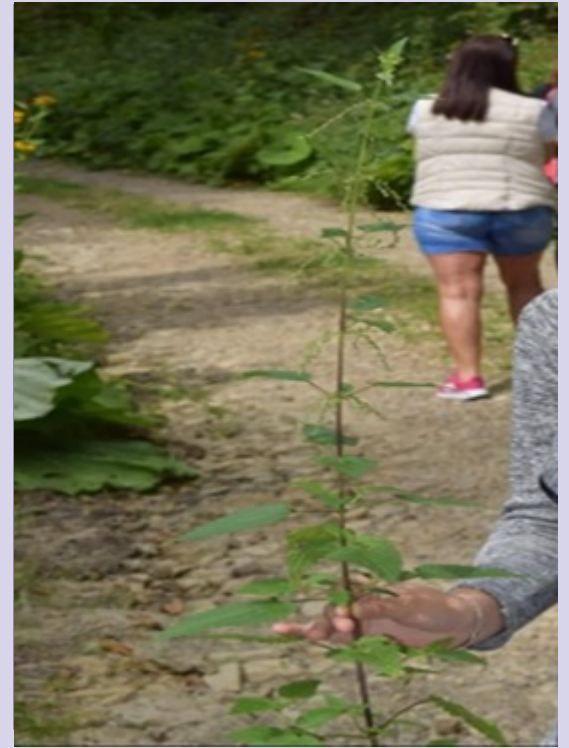
Scai vanat - Eryngo
Eryngium planum



Sunatoare – Rattles
Hypericum perforatum



Tei - Linden
Tilia tomentosa



Urzica - Nettle
Urtica dioica

Biodiversity within the school

- Within our school, we encourage the young generation to be informed and take care of the **environment**. These acts of kindness towards nature are being showcased in the projects that kids take part in.
- Some projects are:
- “Enjoy autumn and its colours in the Dendrological Park in Hemeiuş”
- “#EarthDay2022”
- “Friends of nature, the forests month”



“Enjoy autumn and its colours in the Dendrological Park in Hemeiuş”

- The preschoolers, coordinated by the teachers took part in an adventure in which they discovered the beauties of nature and the multitude of trees and colours found in



“#EarthDay2022”

- With the occasion of Earth Day the students of 3rd and 4th grade put in some work to have a clean campus and they also planted flowers for aesthetic and environmental reasons.



“Friends of nature, the forest’s month”

- The students of 9th and 10th grade, coordinated by the biology teachers took part of drawings and layouts projects, in the educational project “Nature’s friends” which promotes respect to **nature** and dreams about the formation of an **ecological behaviour** among students.



Project- More Green



Proiectul - Mai Mult Verde

Proiectul a vizat reconstrucția ecologică și estetică a spațiului aferent intrării în Corp A și în cantină.

Activitățile din cadrul proiectului s-au materializat în:

- Amenajarea unei copertine tip foisor la intrarea în corpul A: construcția copertinei, popularea acesteia cu plante agățătoare și decorative curgătoare. Spațiul astfel reconfigurat oferă un ambient plăcut vizitatorilor, elevilor și profesorilor.
- Ridicarea de perdele ecologice (pereți verzi) pe fațadele cantinei, structurate pe suport de plasă din sârmă zincată și populate cu plante agățătoare cu creștere rapidă.

Proiect susținut de: **noiembrie 2012**

Primăria Bacău: 8.000 lei
Colegiul Tehnic de Comunicații N.V. Karpen: 16.000 lei
Asociația „Karpen 2010”: 800 lei



- The project aimed at the **ecological and aesthetic reconstruction** of the space related to the entrance to building A and the canteen of Karpen Highschool. The activities within the project:
- Arranging a canopy at the entrance to building A made of hanging and decorative plants, thus providing a pleasant environment for visitors, students and teachers.



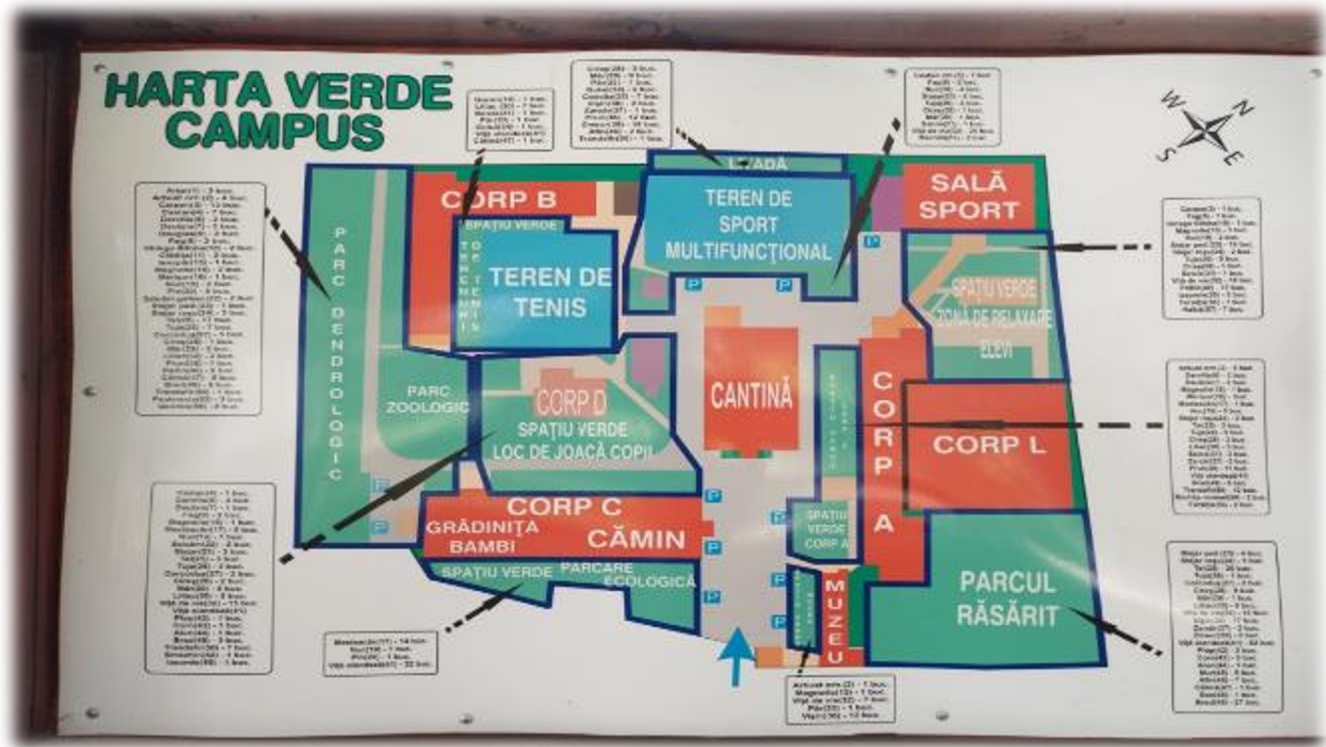
- Raising ecological curtains (**green walls**) on the facades of the building A (the main building) and the canteen, structured on a support of galvanized wire mesh and populated with fast-growing hanging plants.

- This helps us not only to breath a **purified air** but also to save energy by not using the air conditionner machines during summer, due to the shadowing and the fresh air of the plants.





The Green Map of our Highschool



Karpen Gardens

- Our **gardens** are maintained daily and carefully watered by the drip irrigation system which also helps in sustainability and water saving.
- Also within the "**Green Gold of Karpen**" project, 30 species of trees and shrubs were planted, each with an information panel with pictures and a brief presentation of it.



Other photos of our green campus



Danke!
Multumim!
Thank You!

