

# ECO — SOCIETY



## SIXTH MEETING IN SPAIN

"Take nothing but photos, leave nothing but footprints, kill nothing but time" is a project conducted within the Program of Lifelong Learning and funded by the European Commission. This Project came with the idea of increasing environmental and renewable energies consciousness rising in our children and all the educative community. In addition, one of the main objectives is that the students and teachers can get in touch with other people and to enhance the relationships between them.



The penultimate visit of the participants of the Project was to Spain. 24 students and 16 teachers from Germany, Romania, Turkey, Bulgaria, Italy and Poland were received in the School *CEIP Castillo de Pioz*. We want to thank everyone who made that week one of the most amazing weeks for us.

Both, teachers and our students and their families, helped make our guests feel as good as possible. Of course, we thank the teachers and students who visited us; they also left a piece of their hearts in Pioz.



Our staff and students are very conscious of environmental problems, so we as a school became member of "Eco-Schools" in 2004 and get the green flag in 2007.



### In this number:

Sixth meeting in Spain	1
Working schedule	1
Important dates	1
A journey through our trip	2, 3
The symbol	4
Dictionary	4
A bit of humor...	4
Riddles	4
Did you know?	5
Competition	5
About CEIP Castillo de Pioz and Pioz	6

### SCHEDULE, MARCH 2014

#### Mini Projects

Comic shows  
Experiments about air pollution and acid rain

#### Workshops:

Planting plants

#### Visiting

Regional beekeeping centre  
Purification plant

Preparing the sixth number of "Eco- Society"



### Important dates:

26<sup>th</sup> January - World Environmental Education Day  
21<sup>st</sup> March - Tree Day  
22<sup>nd</sup> March - World Water Day  
22<sup>nd</sup> March - World Earth Day  
5<sup>th</sup> June - World Environment Day  
16<sup>th</sup> September - International day for the perseverance of the ozone layer  
22<sup>nd</sup> September - World car Free Day  
28<sup>th</sup> November - World Buy Nothing Day  
11<sup>st</sup> December - World Mountain Day

# A JOURNEY THROUGH OUR TRIP

## Wellcoming festival

As it couldn't be any other way, the school students wanted to welcome both, their new mates, with whom they shared that fantastic week, also the teachers who visited us. In this festival, the students danced different songs of all the countries involved in the Project, trying to make them feel as comfortable as possible. We are sure that the dance represented has nothing to do with the original one, but we hope it didn't seem surreal.



## Regional beekeeping centre

In Marchamalo, the center develops researches according to the needs of the beekeeping sector, trying to solve the most common disease problems and responding to environmental and food safety objectives that today's society demands.

They explained us how bees produce honey. Then, we could see the bees in their hives and even in their natural habitat.



## Tour to Madrid

One of the most anticipated tours; the capital city of Spain, known by the huge number of free time activities, arts and culture, entertainment, gastronomy, shopping...

During the visit, besides go for a walk around one of the most emblematic areas of the city, we also visited the Royal Palace.

The Royal Palace, one of the most beautiful palaces in the world, stands majestically in one of the loveliest areas in Madrid as it overlooks the city landscape. Surrounded by other lovely constructions, it forms a spectacular architectural ensemble.

To end the day, the panoramic tour by bus allowed us to enjoy some of the most important monuments of the capital.





## Recycling and recovering plant

In Torija, the recycling and recovery plant is responsible for the recycling of solid. There, the people in charge of the plant explained how the process is developed. First waste reach the floor where they are classified and subsequently recycled and perform composting and storage. There we could see the different machines used for recycling and the ships where the waste is stored. What we liked least was the smell that was there, but with so much garbage is normal .

## Interpretation centre

The Interpretation Centre is at Castle. It aims to promote tourism in the province of Guadalajara. There we saw a little video, and various exhibits related to the most representative towns of the province.

## Animals

The animals also had their important time on our trip. First enjoy a visit to the Guadalajara Zoo. Then visited the bullring, where future bullfighters taught us the art of bullfighting. Many teachers and students were also encouraged to 'torear'!. We all have fun! There weren't real bull, of course. It was only a kind of a dancing.

## The symbol

The Golden Pigeon is a symbol of the Universal Declaration of Human Rights. Similarly, the golden pigeon also became our symbol.

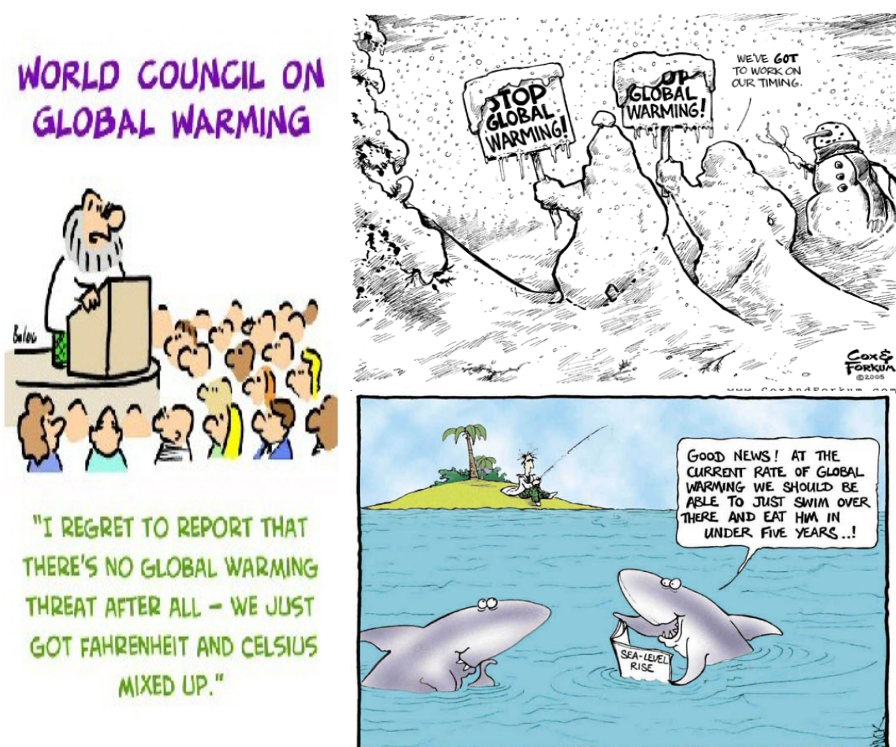
Continuing her journey from Bulgaria came to Spain and from Spain to Turkey flew its last flight



## Words to remember. Check the words in a dictionary.

Environment	Greenhouse effect	Acid rain
Recycling	Alternative energy	Air pollution
Biodiversity	Wind power	Chemical products
Biodegradable	Water power	Smoke
Climate change	Hydroelectric power	Nitrogen oxide
Global warming	Clean energy	Sulfur dioxide
Ozone layer	Renewable forms of energy	Oxides
Climate	Solar energy	Atmosphere
Deforestation	Runoff	Acidity
Desertification	Extinction	pH scale

## A bit of humor...



## Riddles

Who will think that I am,  
the more and more wash  
I'm much more dirty?

R / / Water

What kind of plants do eggs  
plant?

R / / Eggplants

## Did you know...?

In our eagerness to use sustainable clean energy, a lot of projects are surfacing and we're also coming up with inventive ways to monitor pollution. Now an initiative is looking to roll out a man-made forest of air-cleaning, Treepods, which are powered by solar and kinetic energy.

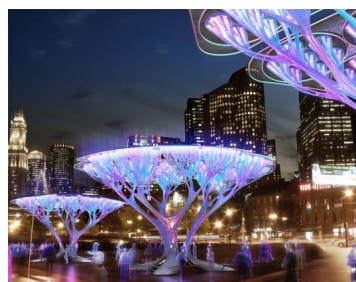
Hoping to help the cities to reduce their carbon dioxide, scientists have come up with what they describe as a CO<sub>2</sub>-scrubbing living machine called Treepods. It's main aim is to "embody and artificially enhance the capacity of trees to clean the air, taking the CO<sub>2</sub> and releasing O<sub>2</sub>." In other words, a new concept of artificial urban tree is being invented.

Those artificial trees don't replace the natural ones, but they act like small urban "air cleaning infrastructures". The main advantage is that Treepods can be placed in asphalted areas where natural trees couldn't grow.

The appearance of the Treepods was inspired by *Dracaena cinnabari* or the Dragon Blood Tree. Its umbrella-shaped canopy offers the perfect wide platform to hold the solar-tracking photovoltaic cells that will provide the Treepods with energy to power the air cleaning system and the myriad lighting on alveoli-like branches.

Treepods would be made from recycled and recyclable plastics, commonly used to make water bottles.

In addition to providing the public with some shade, Treepods would also encourage interaction and learning. It could be an interactive interface, allowing people to interact with the tree and each other. People could play and learn about the ecological paradigm shift. At its basis the tree will host a playing device proposing depending the urban and social context, different ways to help people collaborate each other and to engage citizens in the green agenda.



## Competition

Complete with the correct NOUNS

▶ ● ● ● \_\_\_\_\_

\_\_\_\_\_ ▶ ● ● ●

▶ ● ● ● \_\_\_\_\_

\_\_\_\_\_ ▶ ● ● ●

▶ ● ● ● \_\_\_\_\_

\_\_\_\_\_ ▶ ● ● ●

Three students with correct answers will get prizes.  
(handover in Turkey)

The winners will be selected by lottery if they have equal number of correct answers.



## THE VILLAGE

Pioz is a small village belongs to Guadalajara, a province in Castilla-La Mancha region. It is well-known by its nature landscapes and trekking routes.

Pioz population is distributed between the old town and the different developments. Thus, although the population of Pioz is about 4000 people, the reality is that many of them live in nearby neighborhoods, and in total there are 13 developments around town

The most important monument of the town is its castle. Pioz Castle was built in the late XV century on the model of the Italian strong houses. Currently is in semi-ruinous state despite various measures for rehabilitation and stabilization of the walls have been made.



## THE SCHOOL

"Castillo de Pioz" Primary School is one of the two primary schools of our town. It has 250 students and 25 teachers. There are all facilities we need. The school has a library, a meeting hall, a dining room, a very big sports center with a football field and outdoor basketball court; There are 18 classrooms too.

The principles of coexistence and serve as a reference for the organization of the center are:

- We will create a cozy and comfortable atmosphere in our school,
- We will promote an environment of responsible work and a positive attitude in all activities, fostering family involvement,
- Build a value-based and democratic, inclusive, multilingual and intercultural practice open to the European environment school,
- We leave the level of development of students to achieve their overall training,
- Healthy and enriching propose alternatives to the use of leisure time.
- We make students aware in the conservation and improvement of the environment.



thank you!



Education and Culture DG

Lifelong Learning Programme