



Bringing up new eco-scientists

In case you were wondering what the students learned in Beaune, see all the workshops and educational visits summarized in the following video!

https://drive.google.com/file/d/1aKxR4P9ghrPu_bYlm9J_I8vsp65qO8MF/view

The experience in Beaune "Through the Eyes of Students" (see in BEECOS twinspace)
<https://twinspace.etwinning.net/49766/home>

The French students' narration for the experience in Beaune, ("Lycée Clos Maire", Beaune, France). Beautiful memories and a sense of belonging to the wider European community!
Watch:

<https://www.youtube.com/watch?v=Ub7y1cg7Lpo&feature=youtu.be>

The Bulgarian students presenting their point of view (Petko Slaveykov Secondary School, Tryavna, Bulgaria):

<https://twinspace.etwinning.net/files/collabspac/6/66/766/49766/files/c011fb855.pdf>

The Spanish students' presentation(Institute Institut Ramon de la Torre, Torredembara, Spain):

<https://twinspace.etwinning.net/files/collabspac/6/66/766/49766/files/bce341af.pdf>

Through the eyes of the Greek students(1st Esperino EPA.L of Trikala, Greece):

<https://www.youtube.com/watch?v=F2Om9yOlmY4>

A narration by the Italian students (Attilio Bertolucci, Parma, Italy):

<https://twinspace.etwinning.net/files/collabspac/6/66/766/49766/files/bfc2afe9.pdf>



Bringing up new eco-scientists



2nd MOBILITY OF STUDENTS IN TRIKALA, GREECE

AN ERASMUS+ PROGRAM

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24 students and 8 teachers from Spain, Italy, France and Bulgaria spent a week full of educational activities in combination with a tour of the Trikala sights and the Greek culture as guests of the 1st Esperino EPA.L of Trikala in the framework of the European program Erasmus + KA2: "BRINGING UP NEW ECO-SCIENTISTS" (BEECOS) coordinated by the Catalan Institute Institut Ramon de la Torre.



Welcome at the Town Hall



The warm welcome at the Town Hall by the Mayor of Trikala,
Mr. Dimitris Papastergiou.

For more: <https://trikalacity.gr/eyropaioi-ekpaideytikoi-kai-mathites-sto-dimarcheio-trikkaion/>



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Workshops and presentations in the fields of recycling, RES and reducing energy consumption.

THE PHOTOVOLTAIC "TREE"



The electrical engineer and computer engineer Mr. Thanassis Dintis presented the photovoltaic "tree", a pioneering construction using photovoltaic panels.

For more: <http://cyberparks-project.eu/example/173-smart-solar-tree-trikala-city->

Introduction to the value of renewable energy and biofuels.

See the presentation: https://drive.google.com/file/d/1WDkFg9rOYJbTf0RYoSQ_e0sfqLVmXU4V/



*LAB ACTIVITY:
TURNING WASTE COOKING OIL INTO BI-
ODIESEL.
(BY MR VASILIS OTSIOS)*



Workshops and presentations in the fields of recycling, RES and reducing energy consumption.

In the lab the students were led step by step to produce biodiesel from used cooking oil, which was then used by the teacher Thodoris Giannoulas to set in operation a. conventional diesel engine. <https://drive.google.com/drive/folders/1jc-2thM9DDBPJzHYWM0fy7eLjJf0qCN>



ENERGY PERFORMANCE CERTIFICATE

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In the 2nd workshop students under the guidance of the teacher Mrs Vasiliki Papapostolou calculated the ecological footprint and the energy performance of the Greek school building and were taught how to calculate the ecological footprint of their own school. At the end, they issued the Energy Performance Certificate.

ESPERINO EPAL TRIKALON	
ENERGY CLASS	Calculated CONSUMPTION [kWh/m ² *year]
ZERO ENERGY CONSUMPTION	
25 ≤ A < 30	
35 ≤ B+ < 50	
50 ≤ B < 70	
70 ≤ Γ < 80	
80 ≤ Δ < 90	
90 ≤ E < 110	94,27
110 ≤ Σ < 125	
135 < H	
Energy coefficient	E
ANNUAL EMISSIONS OF CARBON DIOXIDE per m ² air conditioned surface [kg / (m ² * year)]	32,85 kg/m ² /year
ANNUAL ENERGY CONSUMPTION per m ² air conditioned surface [kWh / (m ² * year)]	94,27 kWh/m ²
ANNUAL EMISSIONS OF CARBON DIOXIDE per m ² air conditioned surface [kg / (m ² * year)]	32,85 Kg/m ²
Energy Manager Otsios Vasilis Papapostolou Vasiliki	



EDUCATIONAL VISIT TO THE BIOGAS PLANT OF THE DAIRY INDUSTRY "TYRAS"



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More: <https://www.tyras.gr/eke-tyras/?lang=en>

CULTURAL VISITS

Meteora



Meteora – a unique geological phenomenon included on UNESCO's World Heritage List

A visit to the St Stevens Monastery and the Great Meteoron Monastery

More:

<http://www.gometeora.gr/index.php?lang=en>



Old town of Trikala

*A tour in the old town of Trikala
(Varousi, the Castle, the Open Theatre and the Clock Tower)*

http://www.youtube.com/watch?v=ThqyENTf_Xo



Co-funded by the
Erasmus+ Programme
of the European Union



CULTURAL VISITS

River Litheos

Boat ride on the river Litheos.

http://ideesmag.craft.netdna-cdn.com/wp-content/uploads/2016/04/IMG_8712.jpg



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Church of Porta Panagia



Tour visiting the old arched stone bridges of the area and the Byzantine Church of Porta Panagia in Pyli

In the meanwhile ...



The culmination of European cultural interaction was the farewell night where students and teachers from each country danced and sang traditional and popular songs of their own country.

Extra Activities:

The group of students of the BEECOS project at the partner-school Liceo Attilio Bertolucci, Parma, Italy were involved in an outside activity of waste collection. This activity was part of the national project 'Let's clean the world', which is supported by many Italian associations. In Parma the project was supported by 'Legambiente', an important Italian association whose aim is to protect the environment.

The students spent a whole morning cleaning a University area in Parma, thus experimenting a useful activity to defend the environment and learning by doing. See more:

<https://youtu.be/Fn-ZnvGidCQ>

BEECOS ETWINNING SPACE:

<https://twinspace.etwinning.net/49766/home>



Upcoming material: The results of the recycling survey https://docs.google.com/forms/d/1KPTV-qxgaJN9BWomxTnQRlA-Vrq_USl4x2BDetrLcOk/edit

Coming next

"Meeting in Bulgaria"

14-20 October 2018.

See you all there!