



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



## E-diary of C6 virtual mobility

# From Capellades, Catalonia (Spain) to Teffeni, Burdur, Turkey

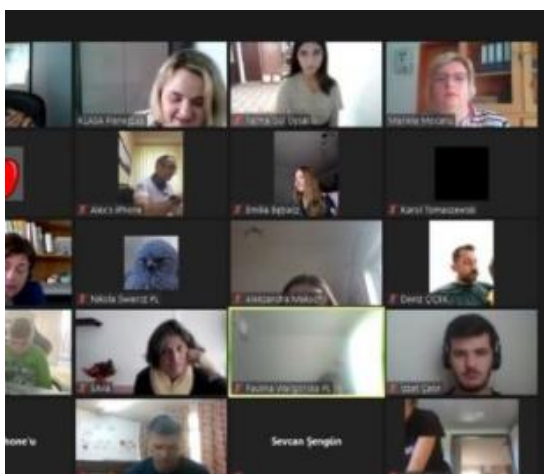
## Alternative energies and how to save energy

Tuesday, 4th May, 2021, LTTA 1<sup>st</sup> day

These are the first virtual days we had. Each day was divided into two parts. A first part, at 15:00, which was usually the presentation of the topic and in which we all connected at the same time. And a second part of work at home that can be done simultaneously with the other partners or at another time.

First part.

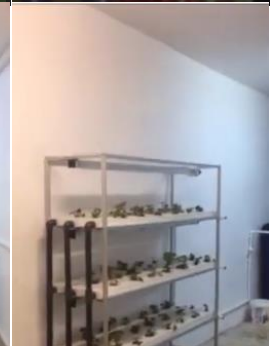
We connected through the zoom platform and made a brief presentation of all the members, both teachers and students who participated.



Then, Ömer, Turkey's coordinator, passed us a video presentation of their immense school with which we could see the different buildings that make it up. The school is dedicated to the technical preparation of students for agricultural

and livestock farming: “Tefenni mesleki ve teknik anadolu lisesi” Tefenni Vocational and Technical Anatolian High School.

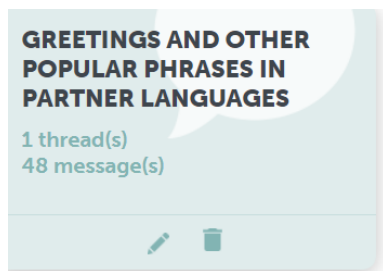
<https://www.youtube.com/watch?v=TwZW99pCS5I>



After that, students and teachers exchanged different basic phrases from each of the languages of the different countries that are part of the project.

## Second part

The students wrote in the e-twinning forum the sentences they had learned and what they had thought of that first day.



### GREETINGS AND OTHER POPULAR PHRASES IN PARTNER LANGUAGES

Please write greetings and other popular phrases in your native language and in English. E.g. hello in Polish - cześć; other ideas: see you, cheers, bye, enjoy your meal, how are you, good morning, good night, great, beautiful, etc.

#### Greetings in partner languages

Hi - in Polish it is "Cześć". How about this and other popular phrases in your language?

48 replies

Last reply by Fratila Alexa Ioana - 08.05.2021

How are you? - Jak się masz?	Im not feeling fine - Nieje mi dobre. / Necitim sa najlepšie. (Multiple ways)
Reply • Quote • Edit • Delete <span style="float: right;">Karol Tomaszewski - 04.05.2021 @ 16:03</span>	My name is ... - Volám sa ...
smacznego- enjoy you meal	Thank you - Ďakujem
Reply • Quote • Edit • Delete <span style="float: right;">Nikola Świercz - 04.05.2021 @ 16:03</span>	No problem - Za málo, Nemáte za čo. There are multiple ways to say it :)
dobrze- fine	I love you - Milujem ťa
Reply • Quote • Edit • Delete <span style="float: right;">Nikola Świercz - 04.05.2021 @ 16:04</span>	Reply • Quote • Edit • Delete <span style="float: right;">Lukáš Semko - 04.05.2021 @ 16:05</span>
kocham cię - i love you	wymyślać - invent
Reply • Quote • Edit • Delete <span style="float: right;">Aleksandra Makuch - 04.05.2021 @ 16:04</span>	Reply • Quote • Edit • Delete <span style="float: right;">Stanisław Jaworski - 04.05.2021 @ 16:05</span>
kochać - love	Dzień dobry- Good morning
Reply • Quote • Edit • Delete <span style="float: right;">Stanisław Jaworski - 04.05.2021 @ 16:05</span>	Reply • Quote • Edit • Delete <span style="float: right;">Maciej Witkowicz - 04.05.2021 @ 16:06</span>
Alright, so in Slovak our most popular phrases are:	Καλημέρα = Good morning
Hi - Ahoj	Reply • Quote • Edit • Delete <span style="float: right;">mohamed gouda - 04.05.2021 @ 16:06</span>
Goodbye - Dovidenia	Dobrý Deň - is a Formal way to say Hello in slovak
How are you - Ako sa máš?	Dovidenia - Is a formal way to say Goodbye in slovak
Im am fine - Mám sa dobre	Ako sa máš? - Is a popular way to ask How are you? in slovak
	Reply • Quote • Edit • Delete <span style="float: right;">Nikola Świercz - 04.05.2021 @ 16:06</span>
Popular phrases in Poland.	Avrió = Goodbye
Good morning- Dzień Dobry	Reply • Quote • Edit • Delete <span style="float: right;">STAMATIS THEODOSOULIS - 04.05.2021 @ 16:08</span>
Enjoy your meal- Smacznego excuse me- przepraszam	Nasilsin - How are you
Jak się masz? - how do you do?	Reply • Quote • Edit • Delete <span style="float: right;">GÜLSÜM TOSUN - 04.05.2021 @ 16:08</span>
Reply • Quote • Edit • Delete <span style="float: right;">Paulina Waligórska - 04.05.2021 @ 16:06</span>	The most typical phrases in my country are for exsample Ahoj! (Hello), Ako sa máš? (How are you?), Mám sa dobre, Ďakujem (I m fine, thank you), Lúbim ťa (I love you)
Καληνύχτα = Good night	Reply • Quote • Edit • Delete <span style="float: right;">Milan Macko - 04.05.2021 @ 16:08</span>
Reply • Quote • Edit • Delete <span style="float: right;">mohamed gouda - 04.05.2021 @ 16:06</span>	Evet -yes
Usiądz - sit down	Reply • Quote • Edit • Delete <span style="float: right;">GÜLSÜM TOSUN - 04.05.2021 @ 16:09</span>
Reply • Quote • Edit • Delete <span style="float: right;">Magdalena Deruda - 04.05.2021 @ 16:07</span>	
Hola - Hi	

**DAY 1 - IMPRESSIONS (virtual C6 TR)**

1 thread(s)  
20 message(s)



**DAY 1 - IMPRESSIONS (virtual C6 TR)**

Write a few words about this meeting. Was it fine, what did you learn?

**Day 1**  
Was this meeting fine, what did you learn?

20 replies Last reply by Anna Lopez - 07.05.2021

1 » 1 (1)

- The meeting went fine. I learnt new phrases in other languages for example smaczno- enjoy you meal or Καλημέρα = Good morning etc. I enjoyed it.

Reply • Quote • Edit • Delete Lukáš Semko - 04.05.2021 @ 16:07
- In this meeting I learned how they live there and what their school is like. And some phrases and expressions in Turkish. The meeting was really fine and interesting. I liked too much.

Reply • Quote • Edit • Delete Vinyet Morant Gombau - 04.05.2021 @ 16:08
- The meeting was fine. I learned some new phrases in other languages like greek and polish.

Reply • Quote • Edit • Delete Jaroslav Hirjak - 04.05.2021 @ 16:09
- the Turkish school is interesting, it is quite modern

Reply • Quote • Edit • Delete Stanislaw Jaworski - 04.05.2021 @ 16:09
- the meeting was fun, I learned a lot of interesting words from different languages

Reply • Quote • Edit • Delete Stanislaw Jaworski - 04.05.2021 @ 16:10
- First lesson was without problems, I learned new phrases in languages of partner countries and something about Turkish school.

Reply • Quote • Edit • Delete Milan Macko - 04.05.2021 @ 16:11

- First lesson was without problems, I learned new phrases in languages of partner countries and something about Turkish school.

Reply • Quote • Edit • Delete Milan Macko - 04.05.2021 @ 16:11
- Today I really liked it. I learned a few words in a different language which is great! I think that the knowledge of languages is necessary, it was very nice to meet you all!

Reply • Quote • Edit • Delete Aleksandra Makuch - 04.05.2021 @ 16:11
- This meeting has allowed me to learn some expressions in different languages. It was fine!

Reply • Quote • Edit • Delete Esther Monteagudo Quesada - 04.05.2021 @ 16:15
- The meeting was interesting and I liked it. We learned some phrases from other languages and I learned some phrases I didn't know .  
I liked it very much!

Reply • Quote • Edit • Delete nikoleta aliaj - 04.05.2021 @ 16:15
- the meeting was fun, I learned a lot of interesting words from different languages

Reply • Quote • Edit • Delete STAMATIS THEODOSOULIS - 04.05.2021 @ 16:16
- At this meeting I met a lot of new people and their hobbies. Also I learned some Turkish words etc. In Turkish weather and climate is so nice. I enjoyed it this meeting.

**Wednesday, 5th May, 2021, LTTA 2<sup>nd</sup> day**

**1st part**

On this second day, after the greetings through the meeting on the zoom platform, we were able to watch two videos.



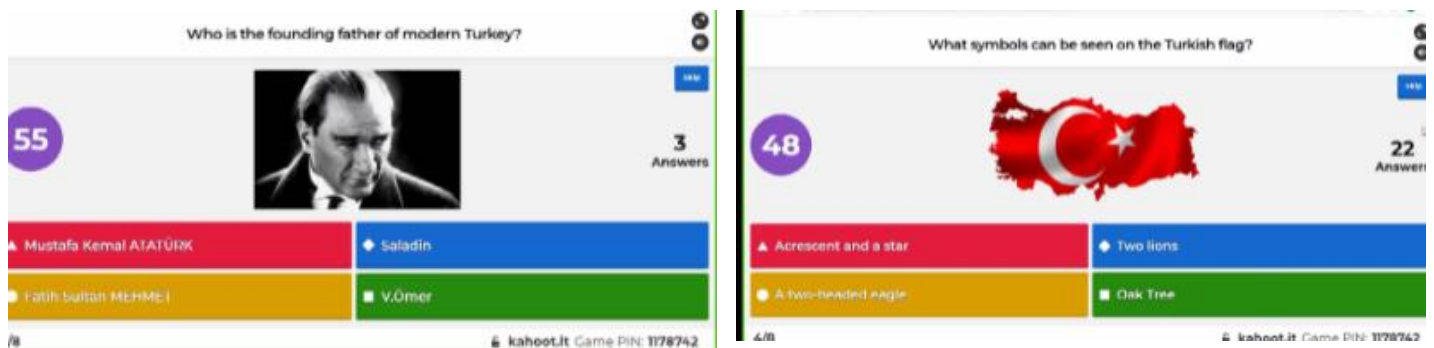
The first was about the Burdur region, where the school is located, and the second was about Turkey. Then the students, as well as the teachers, were able to participate in a kahoot game to find out what they had learned about Turkey.



## Burdur region



Istanbul (Turkey)



## 2nd part

Greek students, through the meeting on the zoom platform, asked Turkish students about their culture, festivals, and gastronomy. The Turkish participants gave us many details about their customs




### 3rd part

All the students wrote in the forum what their impressions of that second day were.

#### Day 2 We learn about Turkey

1 thread(s)  
28 message(s)



#### Day 2 We learn about Turkey

Your opinion, impressions. What have you learnt?

#### Day 2. What have we learnt?

What have you learnt about Turkey?

28 replies

Last reply by Clujica Andrei - 07.05.2021

1 > 1 (1)

I think that what I remember most is what the city is the capital of Turkey, maybe because it was the simplest. today was very fun!

Reply • Quote • Edit • Delete

Aleksandra Makuch - 05.05.2021 @ 16:24

Atatürk is the founder of Turkey

Reply • Quote • Edit • Delete

GÜLSÖM TOSUN - 05.05.2021 @ 16:25

Ataturk is the first president of the republic of turkey

Reply • Quote • Edit • Delete

izzet cakir - 05.05.2021 @ 16:25

The capital city of Turkey is Ankara

Reply • Quote • Edit • Delete

izzet cakir - 05.05.2021 @ 16:25

That was such a good day to see you. Today I learnt a lot of about Turkey like: Turkey's capital city is Ankara or what ramadan looks like

Reply • Quote • Edit • Delete

Anna Garbat - 05.05.2021 @ 16:26

I have learnt that the population of Turkey is approx. 80 mil. people and that it covers 5% of Europe's landmass.

Reply • Quote • Edit • Delete

Lukáš Semko - 05.05.2021 @ 16:26

the most important tradition in turkey is ramadan!!

Istanbul is one of the largest cities in Turkey an more than fifteen million People live

Reply • Quote • Edit • Delete

Fatma Gül Uysal - 05.05.2021 @ 16:27

Kemal Atatürk is the most famous person in Turkey and the capital city is Ankara.

Reply • Quote • Edit • Delete

mikaela resouli - 05.05.2021 @ 16:27

Turkey's population 83 million 614 thousand

Reply • Quote • Edit • Delete

izzet cakir - 05.05.2021 @ 16:27

We have celebrations separated nationally and religiously

Reply • Quote • Edit • Delete

Fatma Gül Uysal - 05.05.2021 @ 16:29

Atatürk was the founder and 1st president of Turkey, the capital of this country is Ankara but the biggest one is Istanbul. The currency is the lira. They are muslims.

Reply • Quote • Edit • Delete

Ariadna Magrazo Diaz - 05.05.2021 @ 16:29

It was nice to learn those interesting things about Turkey. We learn that the capital city of Turkey is Ankara and the most famous person is Kemal Ataturk.

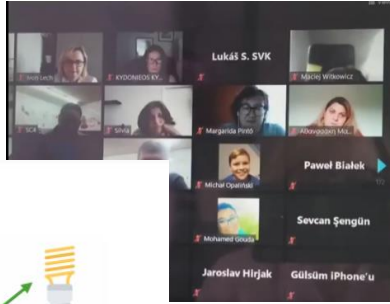
Reply • Quote • Edit • Delete

maria giannadaki - 05.05.2021 @ 16:30

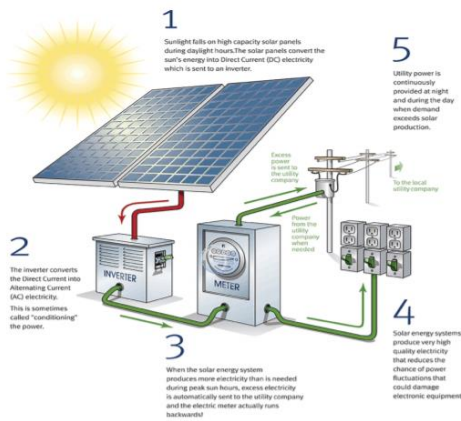
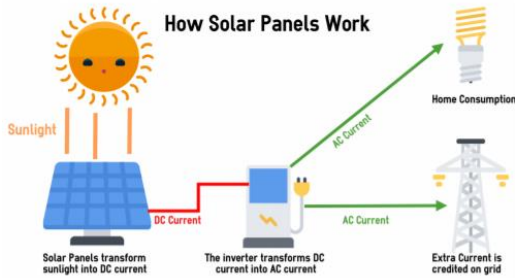
## Thursday, 6th May, 2021, LTTA 3<sup>rd</sup> day

### 1st part

In this third session, after a few brief greetings, as every day, through the zoom platform, we were able to see several documents to know how a solar panel and a wind turbine work, as well as a video about solar panels and another video on wind farms.



## SOLAR PANELS



Simply put, a solar panel works by allowing photons, or particles of light, to knock electrons free from atoms, generating a flow of electricity. Solar panels actually comprise many, smaller units called photovoltaic cells. (Photovoltaic simply means they convert sunlight into electricity.) Many cells linked together make up a solar panel.

Each photovoltaic cell is basically a sandwich made up of two slices of semi-conducting material, usually silicon — the same stuff used in microelectronics.

To work, photovoltaic cells need to establish an electric field. Much like a magnetic field, which occurs due to opposite poles, an electric field occurs when opposite charges are separated. To get this field, manufacturers "dope" silicon with other materials, giving each slice of the sandwich a positive or negative electrical charge.

Specifically, they seed phosphorous into the top layer of silicon, which adds extra electrons, with a negative charge, to that layer. Meanwhile, the bottom layer gets a dose of boron, which results in fewer electrons, or a positive charge. This all adds up to an electric field at the junction between the silicon layers. Then, when a photon of sunlight knocks an electron free, the electric field will push that electron out of the silicon junction.

A couple of other components of the cell turn these electrons into usable power. Metal conductive plates on the sides of the cell collect the electrons and transfer them to wires. At that point, the electrons can flow like any other source of electricity.

Recently, researchers have produced ultrathin, flexible solar cells that are only 1.3 microns thick — about 1/100th the width of a human hair — and are 20 times lighter than a sheet of office paper. In fact, the cells are so light that they can sit on top of a soap bubble, and yet they produce energy with about as much efficiency as glass-based solar cells, scientists reported in a study published in 2016 in the journal *Organic Electronics*. Lighter, more flexible solar cells such as these could be integrated into architecture, aerospace technology, or even wearable electronics.

There are other types of solar power technology — including solar thermal and concentrated solar power (CSP) — that operate in a different fashion than photovoltaic solar panels, but all harness the power of sunlight to either create electricity or to heat water or air.

## WIND TURBINES

WIND TURBINES



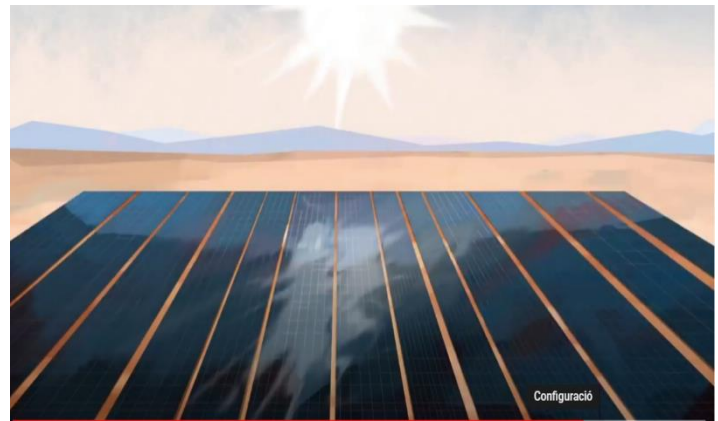
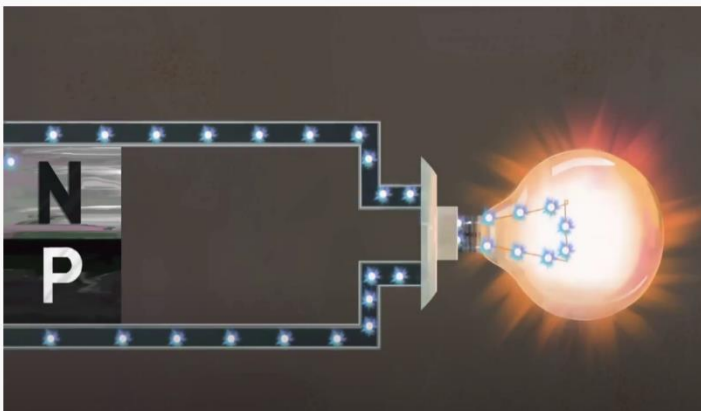
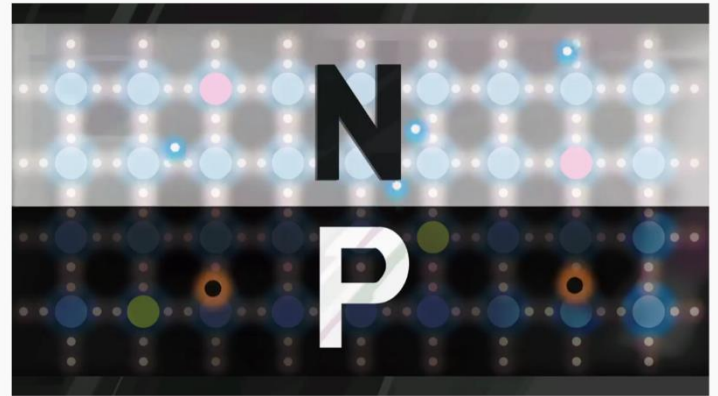
Wind turbines are systems that harness the kinetic energy of the wind for useful power. Wind flows over the rotor of a wind turbine, causing it to rotate on a shaft. The resulting shaft power can be used for mechanical work, like pumping water, or to turn a generator to produce electrical power. Wind turbines span a wide range of sizes, from small rooftop turbines generating less than 100 kilowatts up to large commercial wind turbines in the megawatt power range, many of which operate in large clusters called wind farms (like the one in the picture above).

Wind turbines are operated in two ways: Onshore, that means on land, and offshore, i.e. at sea

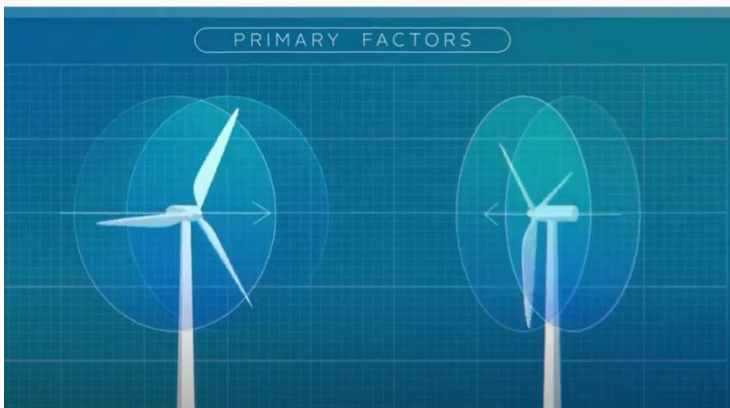
Wind power is generally becoming more popular in the world. The vast majority of the population see wind energy as a positive development and two-thirds state that they are in favour of the expansion of renewable energies, and specifically wind energy. In addition to reducing dependence on fossil fuels such as coal, oil and gas, other important reasons are the positive effect on the environment and climate protection. Job creation and long-term reductions in energy prices are also seen as the advantages of wind energy. Unlike conventional sources of energy, it is regarded as being more sustainable and economical.



## HOW DO SOLAR PANELS WORK?



## HOW DO WIND TURBINES WORK?



## 2nd part

Students participated in a kahoot with questions about how these two alternative energies work

Kahoot!

5 - Quiz  
What is not the Lighter, more flexible solar cells such as these could be integrated into?

60 sec

6 - Quiz  
What is the long meaning of CSP ?

60 sec

7 - Quiz  
What does convert the direct current into alternating current ?

60 sec

8 - Quiz  
How many ways are wind turbines operated in ?

60 sec

9 - Quiz  
Wind turbines are ..... ?

60 sec

## 3rd part

Students took part in the twinspace forum proposing ways to save energy

Day 3 How to save energy (C6 TR)

1 thread(s)  
36 message(s)

### Day 3 How to save energy (C6 TR)

Ideas about ecology and saving energy.

#### Ecology and saving energy

Write your ideas - how to save energy - what ecology means to you - will we manage to save the planet and how to do it?

36 replies

Last reply by STAMATIS THEODOSOULIS - 07.05.2021

Change your light bulbs to LEDs. Wash your clothes in cold water if possible. Air seal your home. Sealing cracks, gaps and leaks and adding insulation can save up to 10% on home heating and cooling costs. Clean or replace all filters in your home regularly. Dirty filters make your system work harder and run longer than necessary. Use your microwave instead of your stove when cooking.

Energy efficiency means you are using less energy to do the same jobs, reducing your home's energy waste and saving money.

We will manage to save the planet if we all try...Let's get together!

Reply • Quote • Edit • Delete

mohamed gouda - 06.05.2021 @ 15:59

I think that the ways to save energy are different, as we said at the meeting, but I think that ecology is very important and you should talk about it in the end, the fate of our planet depends on it. I think that we will save her only if everyone understands how important it is

Reply • Quote • Edit • Delete

Aleksandra Makuch - 06.05.2021 @ 16:01

Turn off unnecessary lights

Reply • Quote • Edit • Delete

izzet çakır - 06.05.2021 @ 16:02

Use natural light

Reply • Quote • Edit • Delete

izzet çakır - 06.05.2021 @ 16:02

Use task light

Reply • Quote • Edit • Delete

izzet çakır - 06.05.2021 @ 16:02

Take shorter shower

Reply • Quote • Edit • Delete

izzet çakır - 06.05.2021 @ 16:02

Not home? Turn Off the air conditioner

Reply • Quote • Edit • Delete

Fatma Gül Uysal - 06.05.2021 @ 16:03

Reduce heat in the kitchen.

Reply • Quote • Edit • Delete

GÜLSÜM TOSUN - 06.05.2021 @ 16:04

turn water off when shaving, washing hands, brushing teeth

Reply • Quote • Edit • Delete

SEVCAN ŞENGÜN - 06.05.2021 @ 16:04

Recycle or donate that old TV

Reply • Quote • Edit • Delete

Fatma Gül Uysal - 06.05.2021 @ 16:04

Run full loads

Reply • Quote • Edit • Delete

GÜLSÜM TOSUN - 06.05.2021 @ 16:04

fix that leaky faucet

Reply • Quote • Edit • Delete

SEVCAN ŞENGÜN - 06.05.2021 @ 16:04





## Saturday, 8th May, 2021, LTTA 5<sup>th</sup> day

1st part

On this day we worked mainly through interventions in the virtual meeting through the zoom platform.

First, we discussed, teachers and students, the different communications that had been made through the padlet of the previous day.



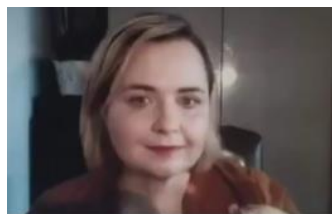
## 2nd part

The coordinators made a farewell speech, both on the virtual days and on the whole project. Some of the schools' principals also took part.

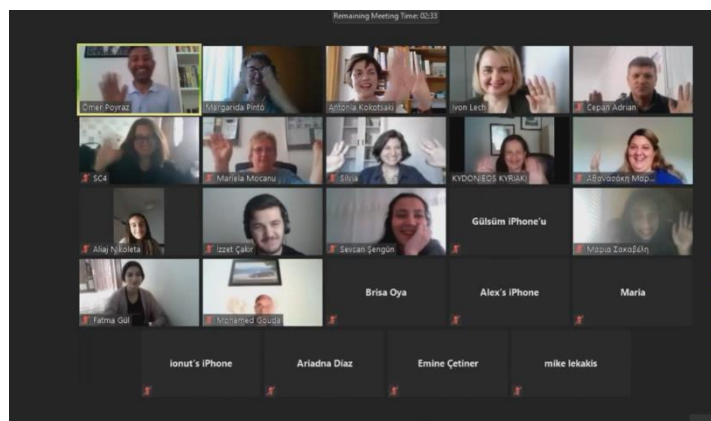
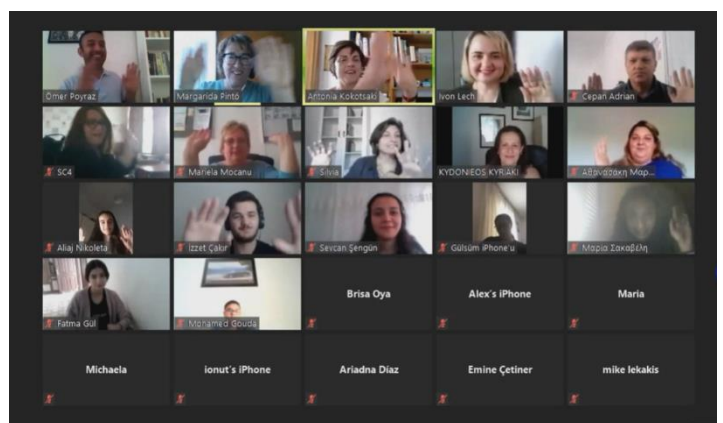
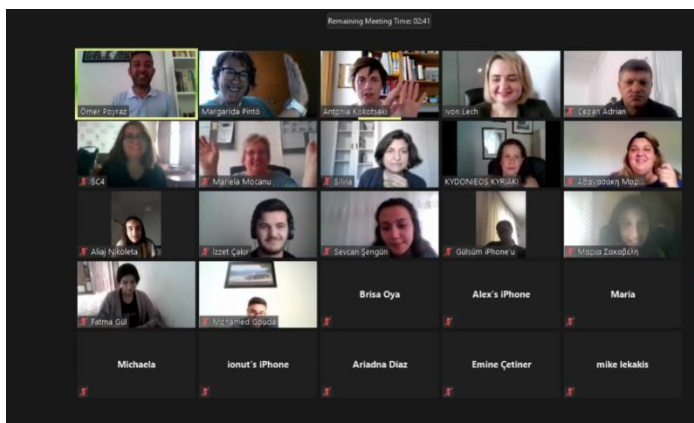
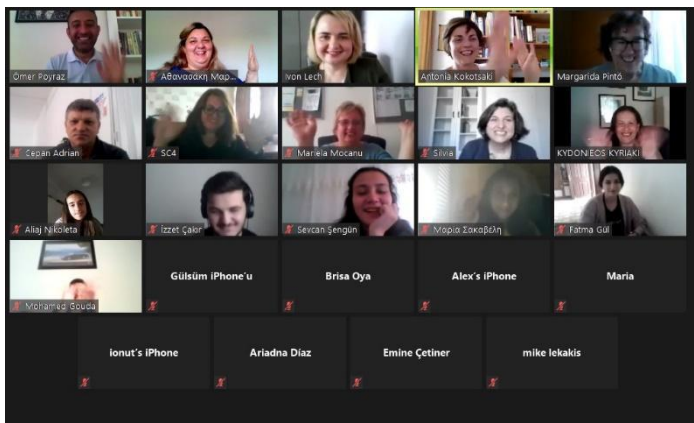
Then, it was the turn of the coordinator of Turkey, the organizer of the virtual days, thanking everyone for their participation despite the difficulty for some countries in terms of schedules. We all thanked him for his effort to structure the first virtual days in which we participated.



Finally, the main coordinator of the project, Iwona, from Poland, spoke, thanking the efforts of all countries to participate and to make this project very special for several reasons.



When finished, as a result of a suggestion of Margarida, the principal of the Catalan high school, a group photo was taken from our images on the screen.



### 3rd part

Students took part in the twinspace forum, explaining their feelings about these LTTAs.

**Day 5 (C6 TR)**  
 1 thread(s)  
 16 message(s)

#### Day 5 (C6 TR)

Summary and good bye.

**How did you like the virtual LTTA?**  
 What do you think about the project? Were virtual activities interesting? Would you like to meet all these colleagues in reality? Write your goodbye :)

16 replies Last reply by Milan Macko - 10.05.2021

What was good or bad in it?

- Almost everything was good, I really liked theme about turbines and solar energy. Everytime I enjoyed kahoot quizzes, but there was one thing I didn't like and it was method how we "met". We can't compare it with other mobilities before Corona :(

Would you like to meet all these colleagues in reality?

- yes of course I would like to meet them but in these days we can't

Write your goodbye :)

- Until next time! bye bye ☹

Reply • Quote • Edit • Delete

Matuš Rak - 08.05.2021 @ 16:01

I liked this mobility but I would enjoy it more if we traveled abroad. But that couldnt happen because of a little something in the air.

Yes the virtual activities were great!

Yes I would like to meet them in reality.

I hope to see you all IRL, until then Have a great time :)

Reply • Quote • Edit • Delete

Jaroslav Hirjak - 08.05.2021 @ 16:09

Great chance to learn different cultures and be together

Reply • Quote • Edit • Delete

izzet çakır - 08.05.2021 @ 16:26

-The project was perfectly organized and that's why I liked it a lot!

-Yes, the virtual activities seemed quite interesting to me

- I would prefer if I met all these colleagues in reality but it was a great experience anyway

Reply • Quote • Edit • Delete

STAMATIS.THEODOSOULIS - 08.05.2021 @ 16:55

I really liked this project

Yes the virtual activities were so interesting

Yes I would like to meet them

Goodbye 😊 😊

Reply • Quote • Edit • Delete

mohamed gouda - 08.05.2021 @ 16:58

~This project was very interesting. I liked it a lot and I learned a lot about Turkey, ecology, different cultures/countries. I really enjoyed it, it was a nice experience and I hope we do it again.

~The virtual activities were interesting.

~Yes, I hope someday meet all these colleagues in reality.

~Goodbye!!!

Reply • Quote • Edit • Delete

mikaela.resouli - 08.05.2021 @ 17:16

This project was very good. I learned a lot about Greece, Turkey, about what clean energy is, different traditions and how to be more ecologic.

Virtual activities were fun.

It was a good project. It was experience. I am happy to be on this project.

Reply • Quote • Edit • Delete

GÜLSÜM.TOSUN - 08.05.2021 @ 16:28

I really liked this project and I learned things I didn't know and will help me .

Yes , the virtual activities were interesting and great !

Yes , I would like to meet in reality.

Bye,Bye !

Reply • Quote • Edit • Delete

nikoleta.aliaj - 08.05.2021 @ 16:29

That was a totally new and challenging method of cooperation in Erasmus Plus project. I think we managed. Thank you everyone for your participation and engagement.

In the whole project we worked so much and got plenty of high quality results being confirmed with Green Flag Awards, those already achieved and those that will be awarded soon. All the partners were much hardworking and condemned.

Many thanks again. We'll stay in contact!

Reply • Quote • Edit • Delete

Iwona Zalewska - Lech - 08.05.2021 @ 16:41

- This project was very nice and i think it helps all the people to learn new things that they didn't know .

- Yes ,the virtual activities were so interesting !!!

- Yes i would like to meet them in reality!

Goodbye!!!!

Reply • Quote • Edit • Delete

nikoleta.aliaj - 08.05.2021 @ 16:42

This project was very good. I learned a lot about Greece, Turkey, about what clean energy is, different traditions and how to be more ecologic.

Virtual activities were fun.

Yeah I really hope that someday we will all meet face to face

Till next time, goodbye! :)

Reply • Quote • Edit • Delete

Lukáš Semko - 08.05.2021 @ 17:25

The project was very cool, and i loved it! Eventho we didn't meet in person it was still awesome and i loved the fact that we could do the project.

Activities were ok, but we can't compare to the activities we did in the other countries before covid.

I would love to meet y'all schools and ofcourse meet all of you in real life. I think that it woud of been better if we could've meet in person but it was cool still.

I wish y'all good health and good vibes in these times of the pandemic. It was really nice to meet you!! Hope we meet again soon :)

Reply • Quote • Edit • Delete

Brisa Oya Cobacho - 08.05.2021 @ 17:45

It was nice to meet you, I learned a lot from these classes

this project helped me understand many things, learn how important ecology is and a few things about Turkey

Reply • Quote • Edit • Delete

Anna Garbat - 08.05.2021 @ 19:25

The project was amazing and very interesting. We learnt a lot facts about our planet, different cultures and habitats. It was an unforgettable experience<3

Reply • Quote • Edit • Delete

maria giannadaki - 08.05.2021 @ 19:39

That was interesting in this project to express our thoughts and ideas about ecology in English. I also learnt something from others. Happy to meet you. I hope that next time they will be able to meet in person. See you soon!!

Reply • Quote • Edit • Delete

Michał Opaliński - 09.05.2021 @ 22:36

This mobility was for me a new experience. I learned new things, for example how to work in Zoom, or Padlet, and new ideas how to save our planet. I think, that the best activity was Kahoot quiz, I like it. I would like to say thank you and I'm excited to meet you once again, face to face. GOODBYE

Reply • Quote • Edit • Delete

Milan Macko - 10.05.2021 @ 19:16