

Italy, FASANO, 25-27 January 2022, Scuola Secondaria di Primo Grado „G. Bianco – G. Pascoli”: “International efforts on the climate change”

<https://twinspace.etwinning.net/81552/pages/page/1856609>

The meeting was held online, in English.

The participants of the meeting were 52 students (11-16 years), including 25 with special educational needs and 15 teachers from partner schools in Poland, France, Italy, Bulgaria, Belgium and Greece. The aim of the meeting was to expand students' knowledge about international efforts to protect the climate, strengthen the ability to express themselves in the official English language, and increase social and civic competences in the field of climate protection.

The students organized together:

- mini-conference simulating the session of the Conference of the Parties to the United Nations Framework Convention on Climate Change. Each team prepared a speech on the national climate plan. Then there was a debate.

- mini - concert: "Sing for the Climate"

- students' presentation - each country introduced itself by a short video before a particular monument or a particular place

Students attended:

- in the presentation of Italian school, the virtual tour of Fasano and region Puglia and in the twister competition: Italian lesson and Italian Tongue

- in the workshop on recycled plastic flowers

Participants acquired knowledge and broadened their skills in the following areas:

- organization of mini - conferences: "International efforts on the climate change" - extension of entrepreneurial and creativity skills and mutual cooperation

- acquiring knowledge about national climate plans

- expanding the speaking skills in formal and informal English

- shaping social and civic attitudes to act for climate protection and counteracting climate change

- increasing sensitivity to climate change through talks, debates, free exchange of opinions, art

- effective use of digital tools to prepare presentations, edit films and use the e-learning platform

- getting to know the Italian school, Fasano and its monuments, as well as basic words and phrases in Italian

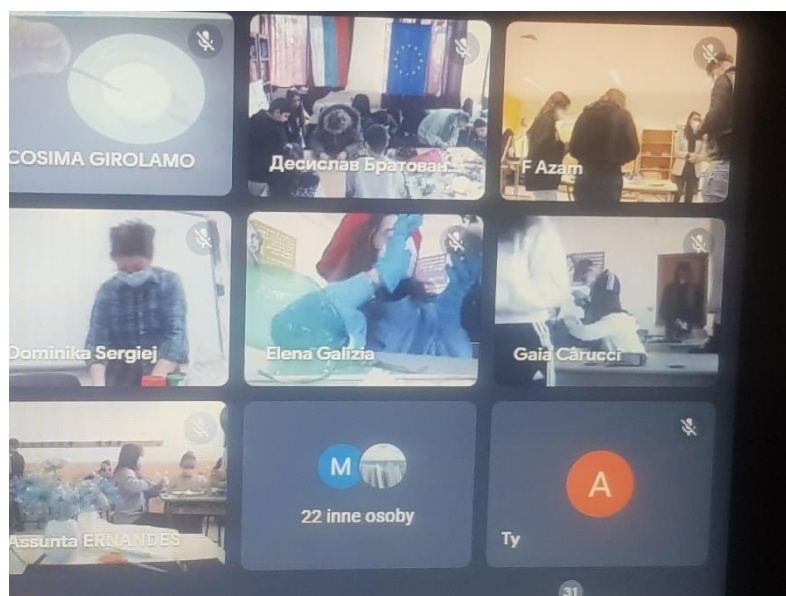


Photo: Anna Boguszewska



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Cooperation for innovation and the exchange of good practices

School Exchange Partnerships

“Climate is a topic!”

2019-1-PL01-KA229-064863

2nd Short-term exchanges of groups of pupils:

“International efforts on the climate change”

25/ 26/ 27 - 01 - 2022 **online**

Scuola Secondaria Statale di Primo Grado “ G. Bianco - G. Pascoli” Fasano (BR)
ITALY

Tuesday 25th January	Wednesday 26th January	Thursday 27th January
9:00 - School presentation by Italian students	9:00 - Official welcome by the Headmaster	9:00 - Sightseeing Fasano
9:30 - Students' presentation (each country introduces itself by a short video before a particular monument or a particular place)	9:05 - Workshop by each country about “ National climate plans” (max 10 minutes each)	9:30 - Competition on the virtual visit of Fasano
10:15 - Coffee break	10:15 - Coffee break	10:15 - Coffee break
10:30 - Italian lesson and Italian Tongue-twister competition	10:30 - "Sing for the Climate" National Climate Plan: Italy	10:30 - Workshop on recycled plastic flowers
11:30 - Let's dance “ in Italian”	11:30 School video: “Vieni a ballare in Puglia”	11:00 - Meeting of the coordinators



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GREEK CONTRIBUTION TO THE GLOBAL
EFFORT TO PREVENT CLIMATE CHANGE
- The average temperature on the planet should
not rise above 1.5 Celcius by 2050

Thracomacedones Junior High School
January 2022

Nowadays it is recognized that:

A. the production of electricity

B. transport and

C. buildings and households

are the main sources of CO₂ emissions.

What has our country done and what is it doing to reduce these emissions?

A. Electricity generation:

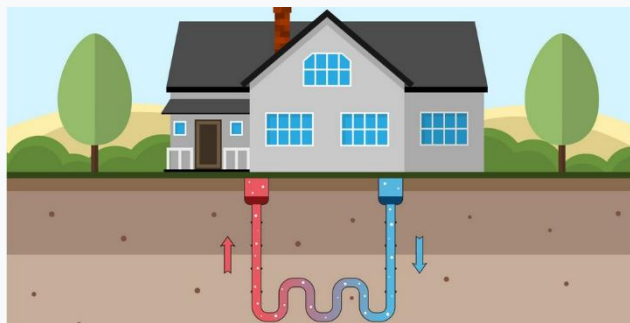
- Production of 20% from Renewable Energy

Sources:

1. Wind farms
2. Solar parks



3. Heat pumps



They are applied to heating, aquaculture, animal husbandry, greenhouses.

4. Utilization of marine energy in the Mediterranean Sea through floating wind farms (BLUE DEAL)



- Closure of lignite power plants



- Dams for energy production and water utilization



B. TRANSPORT

1. Higher tax on cars that produce pollutants



2. Principle of electromobility



C. RESIDENTIAL ENERGY CONSUMPTION

1. Hot water heating is the most energy consuming one. Extensive use of solar heaters throughout Greece.



2. Subsidized building upgraded programmes for better thermal insulation

3. Replacement of oil boilers with gas boilers

4. Programmes for replacing energy-intensive home appliances with newer, much more energy-efficient ones

5. Within the context of the European LABEL 2020, the consumer chooses appliances based on their energy label from A to G.



Nowadays, low-scale products are not for sale.

Moreover,

- Recycling is a top priority



- Taxes on the exaggerated use of plastic
- Removal of plastic bags from the stores

- Reduction of meat consumption and focus on a diet based on vegetables, fruit and legumes



- New cultivation methods "Hydroponics"





We dream of a “green” world!

Thank you for your time.

FASANO

Current policies in the contest of Climate change

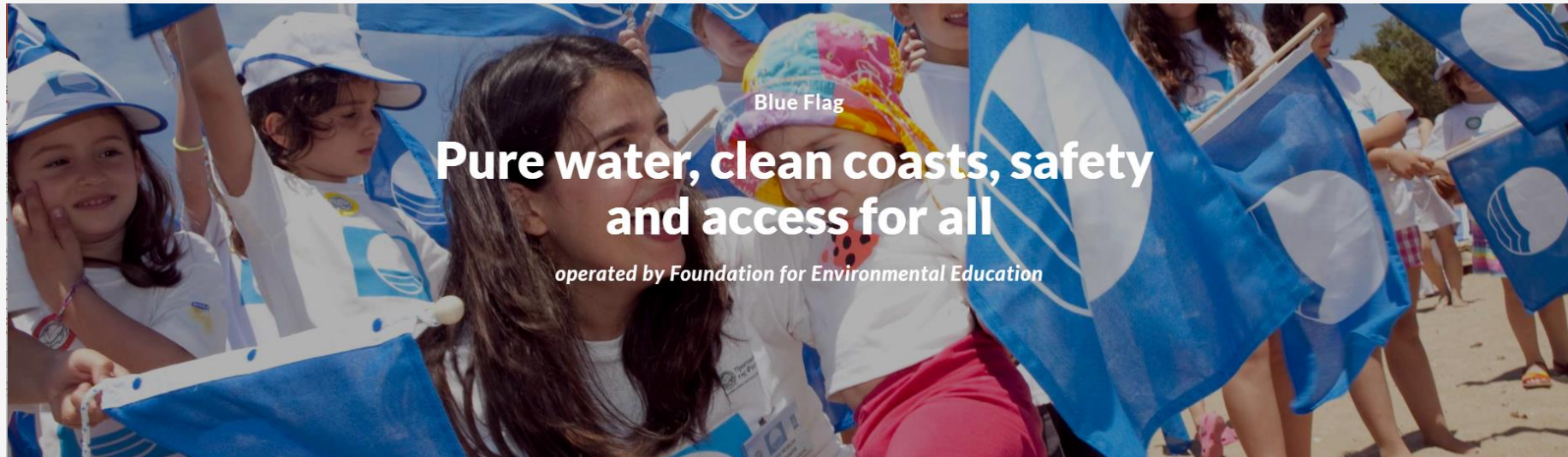


Dott.ssa Donatella Martucci – Public Education, Transport and Mobility for the Municipality of Fasano

The BLUE FLAG

The Blue Flag Program, International Eco-label for the certification of the environmental quality of coastal zones, is largely implemented and it is currently recognized all over the world, both by tourists and tour operators, as a valid eco-label in relation to sustainable tourism in the locality.

"Blue Flag" was the first program launched by the non-governmental and non-profit organization "Foundation for Environmental Education" (FEE) in 1987. With the beginning of the new century, the FEE signed a global partnership protocol with the United Nations Environment Program (UNEP), a Memorandum of Understanding with the United Nations World Tourism Organization (UNWTO), of which it is also an affiliate member



The Blue Flag, initially as European program, was finally extended to 41 countries around the world

The BLUE FLAG criteria

In order to qualify for the Blue Flag, a series of stringent environmental, educational, safety, and accessibility criteria must be met and maintained.

The Blue Flag certifies:

- 1 *quality and cleanliness of the bathing water*
- 2 *the efficiency of water purification*
- 3 *waste management with particular attention to separate collection and hazardous waste*
- 4 *efficiency of services in general*



Clean sea water: from Savellettri to Torre Canne

The blue flag has been recognized to the Fasano coast from 2011 to 2021, every year.

The stretch of Fasano coastal area extends for 20 km, from Savellettri to Torre Canne. All the water sea of the Fasano area has been awarded with Blue Flag.



The efficiency of water purification

The urban wastewater refining plant of Fasano-Forcatella (BR), better known as "Lago Forcatella", operates downstream of the biological treatments, on waste water otherwise destined for discharge into the sea.

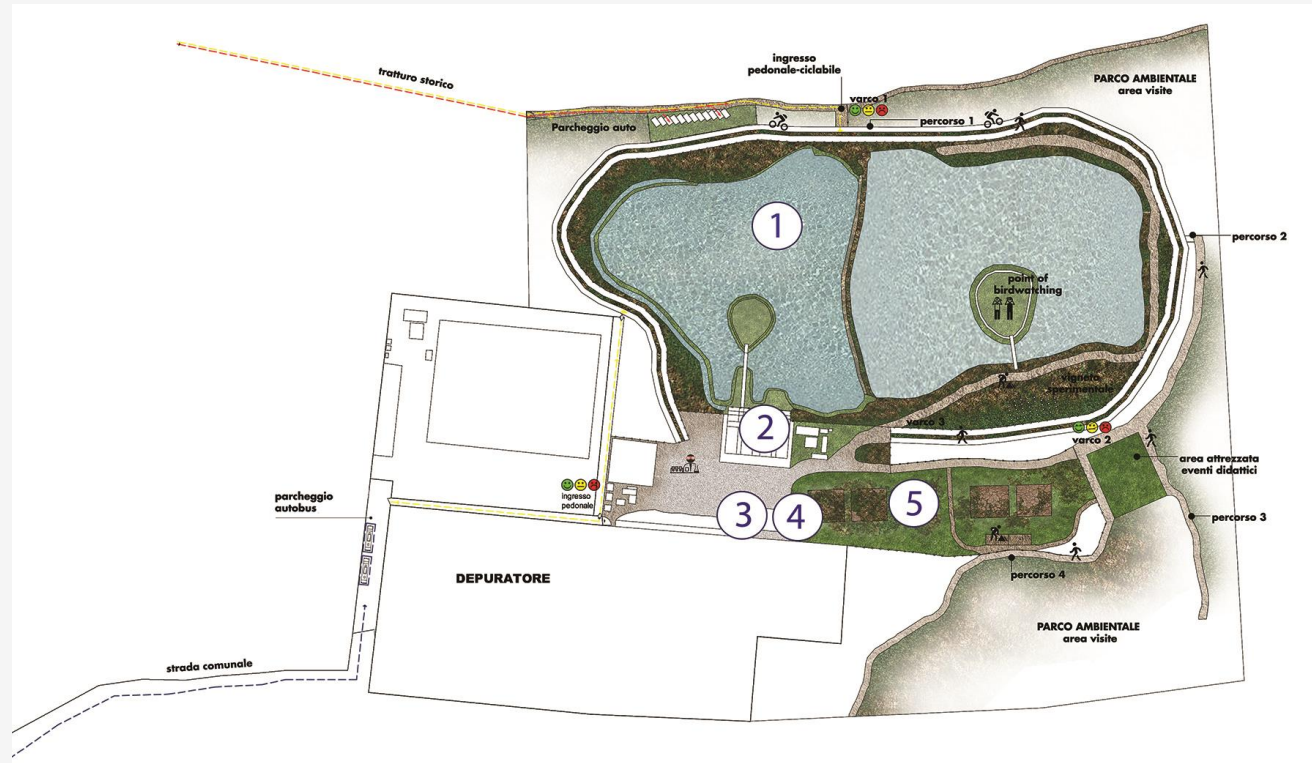
The operation of the system consists in intercepting the wastewater from the municipal purifier by means of a hydraulic disconnection and applying more "stringent" treatments to obtain water of such quality that it can be reused in agriculture.



In this way, therefore, in normal operating conditions, there is no discharge into the sea.



LAGO FORCATELLA



The sludge obtained after wastewater treatment and water sedimentation is collected and sent to phyto-dehidration beds to be transformed into "humus" by the reed plantations.

Waste management and separate collection

Fasano is among the most virtuous Apulian municipalities for separate waste collection. Legambiente awarded our city with the recognition reserved for the Recycling Municipalities Puglia 2021, exceeding 65% of separate waste collection in 2020. Fasano was well above the average, **exceeding 75% rate**.

Legambiente Puglia, with the patronage of the Puglia Region - Department of Environmental Quality and ANCI Puglia is aimed at enhancing the best experiences of the Apulian municipalities in terms of waste management and in 2021 has awarded 113 cities of the region.



Efficiency of services: Mobility policies



Fasano will have its first cycle path. A very important project, because it will favor intermodality by connecting the **city center with the train-station**.

This goal, in reality, is only one stage of a much more ambitious path...



Work in progress...

We aim to encourage the use of different means of transport alternative to cars on the road, to improve livability and environmental sustainability. In this sense, three other projects:

The first is the Torre Canne cycle path, which is in the executive planning phase.

The second is the Torre Canne-Monopoli cycle/pedestrian path, a 20km seafront route, approved by the Ministry and the Region.

The third is a pedestrian path at Selva di Fasano.

We want to realize this projects for benefits that they could bring from an environmental, landscape and tourist point of view .



Natural Protected Park of Dune Costiere

The Park is characterized by different natural habitats and extensive arable land. Several projects have been developed to protect crops organically and the ancient olive groves; We can find the via Traiana: an archaeological and historical sites with cultural importance, with the historic *masseria* farms and underground oil-mills: a territory rich and complex to safeguard. The Regional Natural Park Dune Costiere [costal dunes] is among the most interesting Park of South Italy, playing an important role in the environmental protection and relevant sustainable economic development.



We are facing a great challenge...

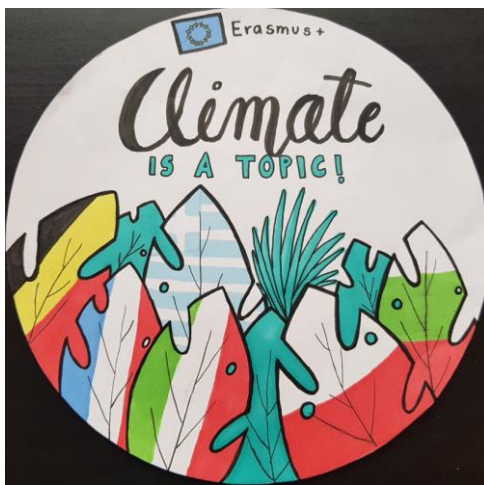
EVERYONE MUST DO HIS BEST!



BELGIAN NATIONAL CLIMATE PLAN



Schoolhuis.be





At the end of 2019, Belgium submitted the final version of its National Energy and Climate Plan for the period 2021-2030 to the European Commission.



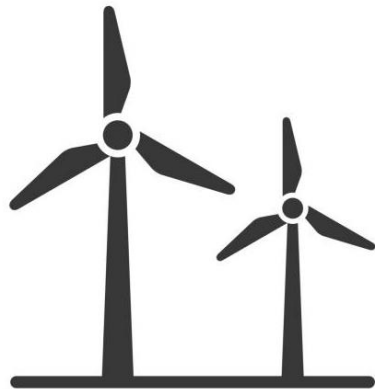
619 pages document....

**Green house gas reduction
with 40% by 2030
(compared to 2005)**

Some of the key actions

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By 2030:

- 4 GW offshore wind capacity installed
- agricultural emissions reduced with 31,3 %



- phasing out fossil combustion engines from passenger cars and vans from 2029 onwards
- All new cars from 2029 onwards must be electric.
Cars that run on diesel, petrol or gas will still be allowed to be bought and sold second-hand after '29, until they gradually disappear
- 1 million electric cars and 100,000 semi-public charging points for electric cars in Flanders



- From 2023, there will be an obligation to renovate for those who buy an energy-hungry home. This concerns homes with an energy label E or worse.
- From 2023 there will be an obligation for new homes to heat with hybrid heat pumps
- From 2026, no natural gas connection will be possible in new buildings.



And also:

- No more funds for industries/companies without a climate action plan
- Encouraging emission-free freight transport through a favorable tax regime
- Encouraging transport via waterways
- Optimization of the train traffic network and by 2030 only zero-emission public buses
- By 2030 all plastic packaging will be made of 80% recycled material.
- Extra jobs in the social circular economy (e.g. jobs that relate to the recycling, recovery, reuse and redistribution of goods or materials)

CLIMATE PLANS IN BULGARIA



...IN BULGARIA THERE ARE MORE AND LONGER PERIODS OF DROUGHT, FOLLOWED BY SEVERE STORMS AND SEVERE FLOODS WITH DESTRUCTIONS AND CASUALTIES.



BULGARIA IS FACING A FATEFUL CHANGE.



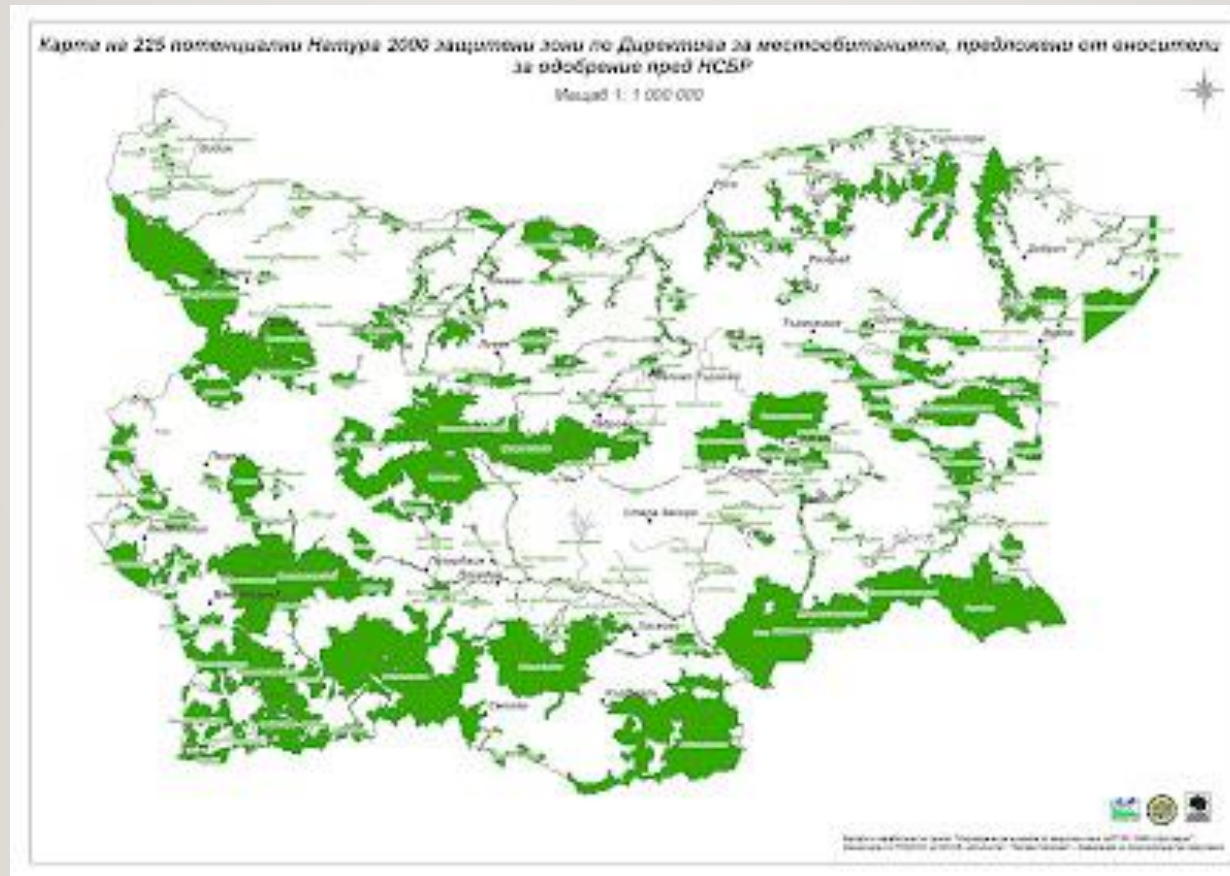
BULGARIA HAS A NEW GOVERNMENT WITH INNOVATIVE IDEAS. THIS GOVERNMENT IS SETTING UP A SPECIALIZED GOVERNANCE STRUCTURE TO SUPPORT CLIMATE TRANSITION AND GREEN TRANSFORMATION.



EVERY YEAR BULGARIA JOINS THE "EARTH HOUR".



34% OF THE AREA OF BULGARIA FALLS WITHIN THE PROTECTED AREAS OF NATURA 2000 - THERE IS A HUGE POTENTIAL FOR A NEW TYPE OF GREEN ECONOMY AND NEW, GREEN JOBS.



BULGARIA IS IMPLEMENTING A PROGRAM TO REPLACE COAL WITH ALTERNATIVE FUELS.



THANKS FOR WATCHING!



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ЦЕНТЪР
ЗА РАЗВИТИЕ
НА ЧОВЕШКИТЕ
РЕСУРСИ



This presentation was prepared as part of the project: „Climate is a topic!!!”

National Climate Plan Poland

Dwujęzyczna Szkoła Podstawowa nr 1 Warszawa



Erasmus+ Cooperation for innovation and the
exchange of good practices KA229 - School
Exchange Partnerships

Project: „Climate is a topic!!!”

2019-1-PL01-KA229-064863



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MAIN INFORMATION


The biggest source of smog in Poland is invariably the so-called low emissions. Its sources are mainly coal and wood burned in houses.

The remaining dust emissions come from agriculture and road transport

Power energy in Poland today

About 70 % of power Energy in Poland is produced from coal. Other main resources are: wind, natural gas and biogas. Current power energy system in Poland is not environmentally friendly.





Power Energy in Poland in the future

The government claims that in the future Poland will use less coal to produce energy. Instead of that more renewable sources will be used. Nuclear power is going to play an important role as well.

POLISH ELECTRIC AUTOBUS PLANS

According to the assumptions of the Ministry of Development, about a thousand electric buses are to be used on Polish roads by 2021. Cities see a benefit in this, because by replacing the fleet with hybrid and electric buses, they reduce the costs of public transport, as well as the level of noise and emissions



HOW DOES CLIMATE CHANGE AFFECT POLAND?

The climate crisis is happening now, in Europe. More than ever, Poland is experiencing longer-lasting droughts, sudden heavy rainfall and storms. These changing weather patterns, worsened by climate change, are also increasing the risk of wildfires, crop failures and also affect water quality.



SOURCES

<https://wysokienapiecie.pl/35619-zrodla-energii-w-polsce-w-2020-mniej-wegla-wiecej-gazu-oze/>

<https://www.clientearth.org/latest/latest-updates/news/how-does-climate-change-affect-poland/>

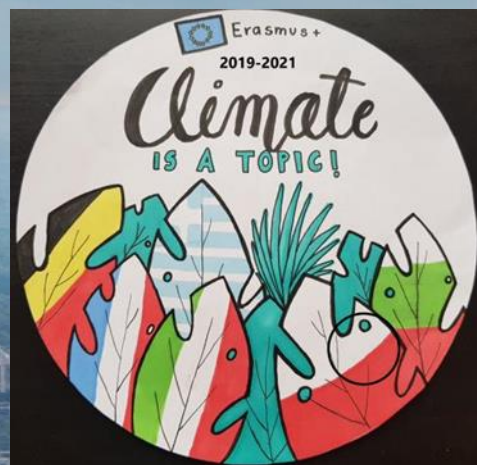
[Informacja prasowa dot. raportu o smogu.pdf \(gie.net.pl\)](#)

[Do 2021 r. po polskich drogach ma jeździć blisko tysiąc elektrycznych autobusów - Rynek Infrastruktury: Porty, Stocznie, Lotnisko, Porty lotnicze, Autostrada, Obwodnica, Energetyka, Ciepłownictwo, Linie kolejowe, PKP PLK, Telekomunikacja, Operatorzy](#)



**The presentation was prepared as part of the project implementation:
"Climate is a topic !!!" 2019-1-PL01-KA229-064863**

Dwujęzyczna Szkoła Podstawowa nr 1, Warszawa, Poland



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Workshop on plastic flowers



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Workshop on plastic flowers

https://www.youtube.com/watch?v=VAgLQn-nRtM&feature=emb_logo

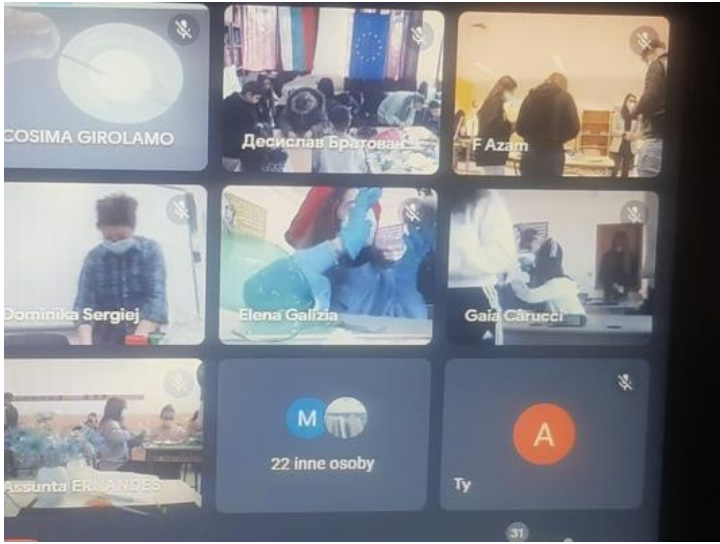




Workshop on plastic flowers



Workshop on plastic flowers



Workshop on plastic flowers



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Photos from project`s participants

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