



FUNDING PROGRAMME BY



EUROPEANS FOR PEACE CONSULTATION SEMINAR 2019

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(Europäische Jugendbildungs & Begegnungsstätte)
European Youth Education & Meeting Centre

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Cities of Black Coal - Looking for a New Light

Application number 190040

Partners

Berufskolleg Tecklenburger Land
des Kreises Steinfurt, Ibbenbüren,
Germany (Sandra Frommeyer)



2nd General Lyceum of Aliveri,
Evia, Greece (Litsa Glarou)



Location

Ibbenbüren, Germany

Ibbenbüren or Ibbenbueren is a medium-sized town in the district of Steinfurt, in North Rhine-Westphalia, Germany



Aliveri, Evia Greece 122km east of Athens



Our cities

Ibbenbüren, Germany



Aliveri, Evia, Greece



eTwinning projects with Sandra



<https://twinspace.etwinning.net/70361/home>

<https://twinspace.etwinning.net/42401/home>

<https://twinspace.etwinning.net/25814/home>

<https://twinspace.etwinning.net/620/home>



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Awards

2017-18



2016-17



2014-15

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Aliveri is a small town on Evia island.
It belongs to the Municipality of Kymis-Aliveriou

<https://www.youtube.com/watch?v=0pT0onjQT3k>

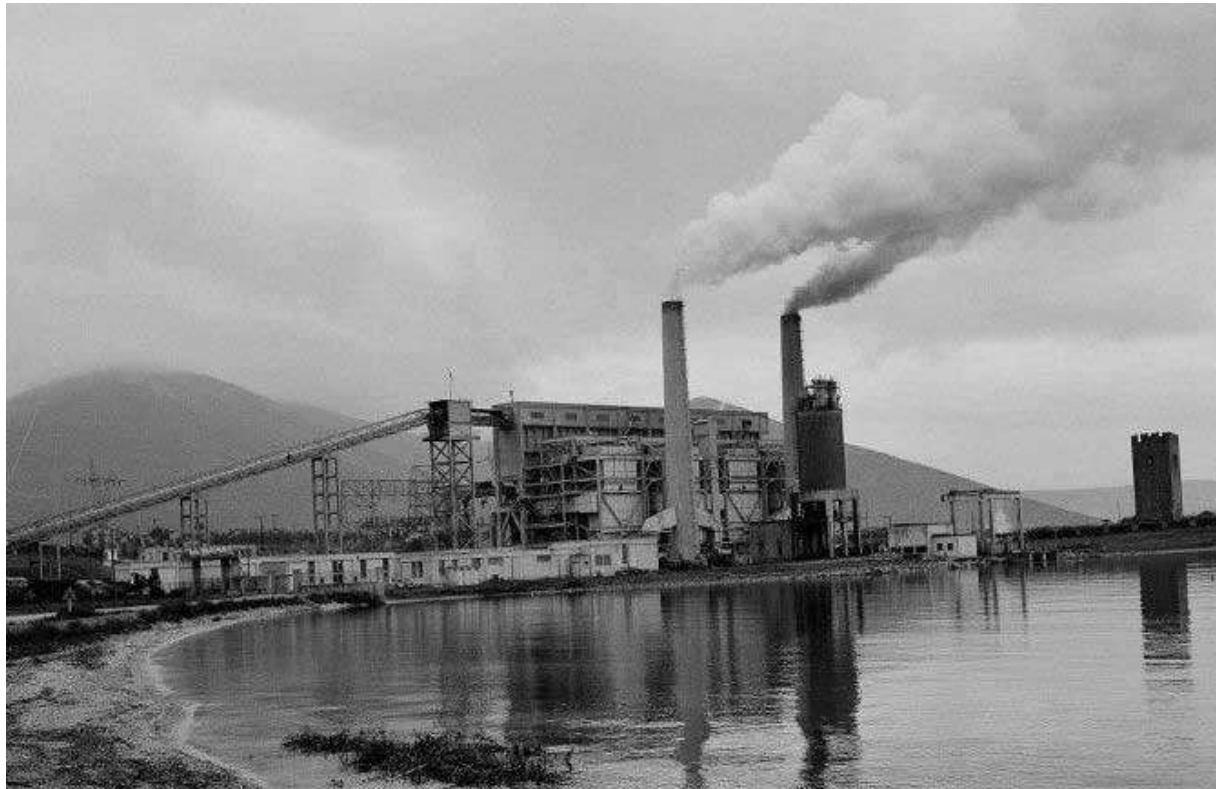


It is located in a very nice spot that was developed as an industrial area



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In June **1953** the first Greek steam-electric power plant began its operation in Karavos, the port of Aliveri, providing electrical power to factories, means of transportation, shops and households in the whole country

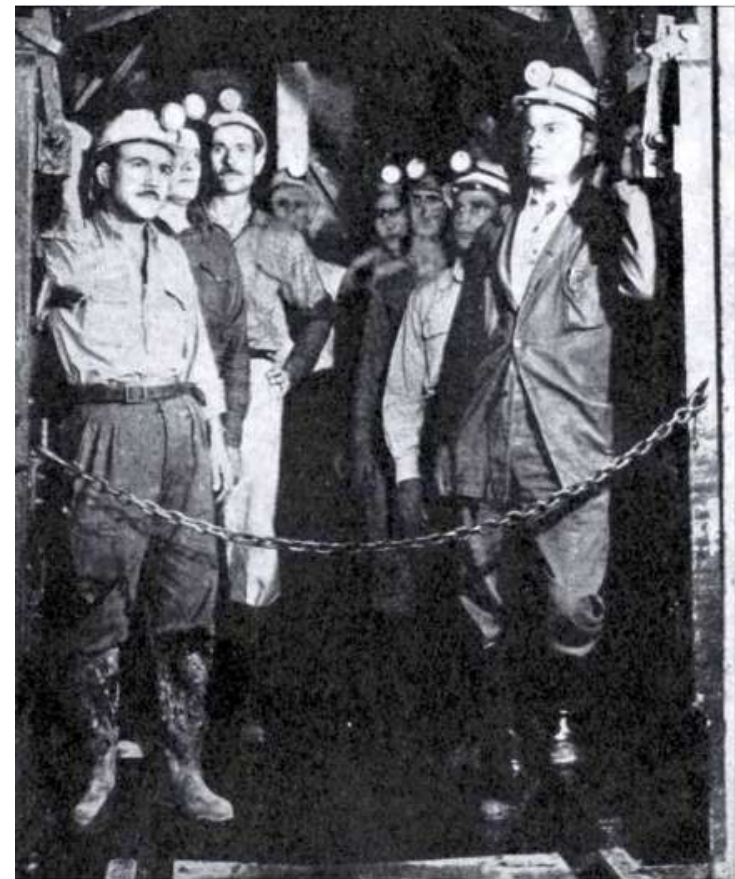
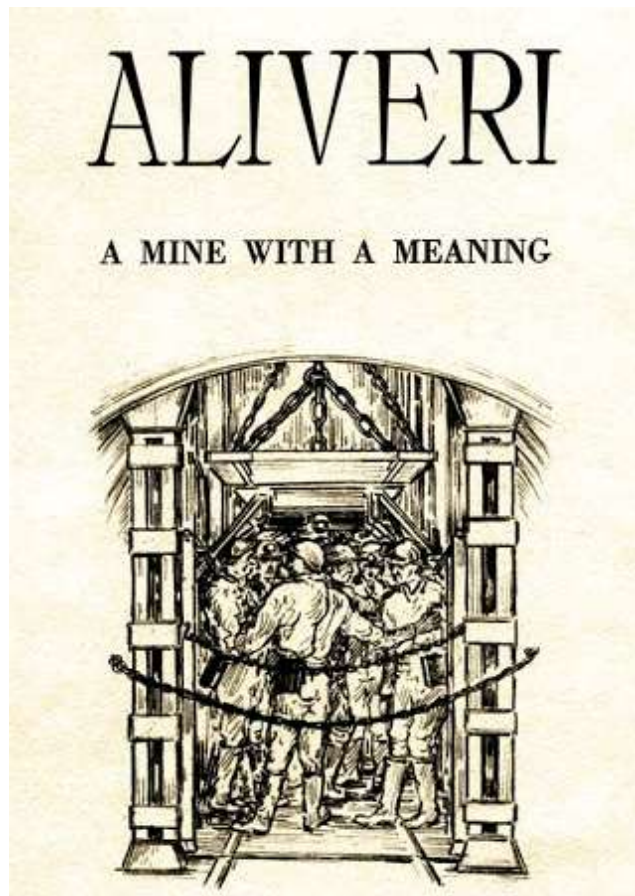


A few kilometers away was the Aliveri lignite mine, which every day provided the Thermal Power Plant with lignite, a domestic fuel which became our national energy source



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In 1955, when the lignite mine was in full operation, it provided jobs to approximately 1300 workers



Μηχανικοί, επίτροποι και λιγνιτωρύχοι στον ανελκυστήρα υπόγειας του Βα τουρ οδηγώντας στις σιακές κι από εκεί στο μέτωπο εξόρυξης

Engineers, supervisors and lignite miners in the well elevator which will lead them to the tunnels and from there onwards to the excavation fronts.

900 of these worked underground and
the rest worked on the surface



Μηναδόχοι και εργάτες στο μέτωπο εξόρυξης | Miners and workers at the "excavation front".



Επιφανειακό μέτωπο εξόρυξης λιγνίτη | Surface front of lignite excavation.

- In 1968 a third Unit operated which was designed to burn lignite or fuel oil or a mixture of lignite and fuel oil.
- And in 1969 a fourth Unit operated with fuel oil.



- Due to the lignite mine Aliveri enjoyed great economic prosperity, jobs emerged and the city blossomed as new houses were built and unemployment was drastically reduced.



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- For 35 years – until 1988 – the coal mine was the centre of economic development and evolution for the population of the broader area.
- The year 1981 the underground mining of lignite was shut down and in 1988 the surface mine.
- In all these years it is estimated that a total of 18,6 million tones of lignite were excavated.



Ατμοβίβα μεταφοράς
στο υπόγειο ανθρακωρυχείο Βίτσιου.

Steam carriage used for transport
on the surface railway network.

Since 2000 the 2 Units operated with fuel oil
until they stopped in 2008

The shut down of the Power Plant created great concern to the residents



Fortunately in 2007 Unit V started to operate (430 MW)
with natural gas fired



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- Nowadays the European policy of reducing greenhouse gas emissions lead to the transformation of the electricity system.
- This made Southern Evia the heart of large wind farm development plans since 1998.



Renewable energy sources

- Hundreds of wind turbines are installed in 34 wind farms in Southern Evia.
- The aim was the maximum exploitation of the wind potential of Southern Evia, thus turning the area into an energy center and precisely as a "country battery".



- The disadvantage of this policy was the dramatic increase of unemployment in Aliveri that became worse because it coincided with the national economic crisis of the last decade.
- In the natural gas fired Plant work only **25 people** and about **27** administrative and **70** maintenance staff, instead of **327** people that were working in the old Public Power Corporation in 2004 and about **3000** when the mine was open in 1960.
- As for the wind generators, they need only some technicians for periodic inspection.



- AGET-HRACLES, the 2nd heavy industry in our area. It was built right next to the old Public Power Corporation Plant and it exploited the peat which came from the burning of lignite during its operation and also the abundant aggregates, from the surrounding hills to produce cement.
- Today the factory belongs to Lafarge, world leader in building materials.



The Industrial Landscape of Aliveri

hides in the depths of the earth to
the air almost everything:

<http://en.studio3plus1.gr/blog/industrial-landscape-in-aliveri/>

Neolithic antiquities and Roman baths



Venetian towers on the beach and on the hilltops



Lignite mines on the surface of the ground and in its depths



Μεταφορά υλικών από επιφανειακό μέτωπο. | Transport of materials from a surface front.



Steam-Electric Industrial installations in the middle of the 20th century and oil-fueled ones in the late 20th



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Natural Gas Technology installations at the start of the 21st century



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- And all these next to the sea.
- There has been continuous habitation in the area for **4500** years now, which makes the landscape last and our souls open up.



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A wonderful sea between them makes you feel calm and peaceful



https://www.omorfhzhw.gr/oi-20-paralies-poy-apodeiknyoyn-oti-i-eyvoia-einai-enas-epigeios-paradeisos-dipla-stin-athina/?fbclid=IwAR0-TOty0KNb9eXQAwTGk6lh0ZOMH49XXLk6FCJi-TOb2jv5_1ldpaWLWDw

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Behind the pier of the natural harbor of Karavos one can gaze at the beaches of the Evian sea and at the mountain ranges of Attica.

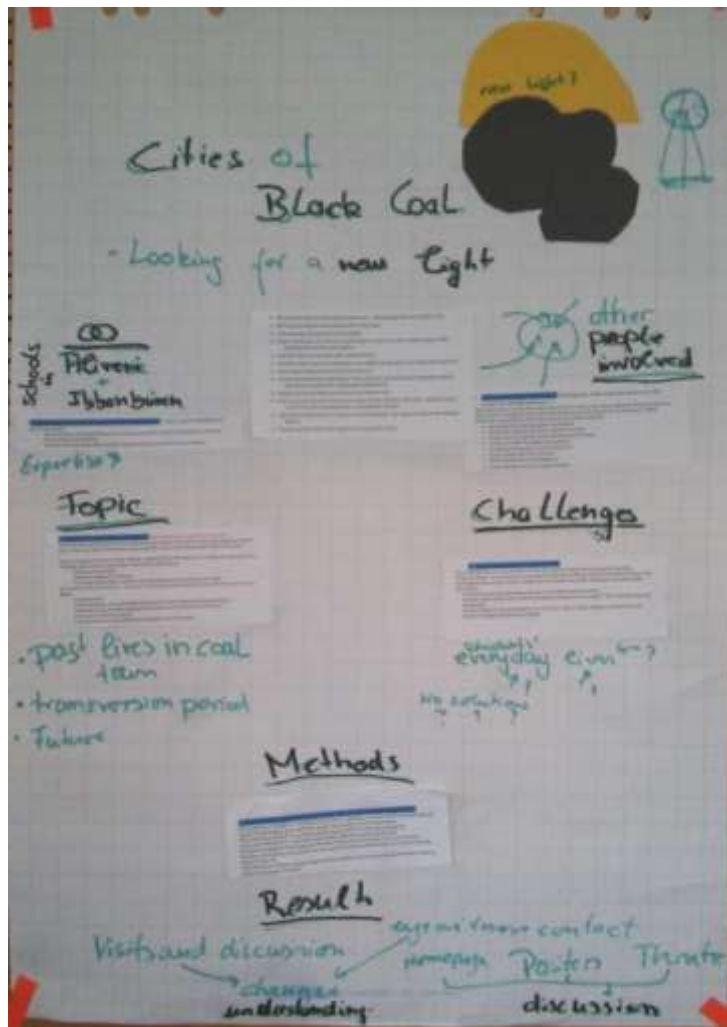


- **Odysseas Elytis**, a Greek poet, awarded the Nobel Prize in Literature 1979 said: *“If you take Greece apart, In the end you will be left with an olive tree, a vineyard and a boat... which means that with these items you can rebuild Greece...”*.
- Every ending is a challenge for a new beginning. The new generation has to find new ways to develop their town. To live there and work hard.
- To draw energy of the light and the wind, which comes from north-east, from Kymi and arrives here. The energy of the Aegean Sea!



Our posters

<https://www.easel.ly/infographic/uy8kaa>



Our poster

<https://www.easel.ly/infographic/uy8kaa>

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CO2

coal
mine

breathing problems

weather
employment
pollution

can
ser

Bye coal-fired power station

Changing our City

unemployment

immigration

desolation
poverty

economic
crisis

new orientation



In the past

nowadays



Berufskolleg Tecklenburger Land, Ibbenbüren Germany
2nd GEL Aliveriou, Evia, Greece



Litsa Glarou, Greece

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