



Short-term exchange of German students in Aliveri, Evia, Greece

March 15-21, 2020

Funded by the EVZ Foundation

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Under the eTwinning project
2019-20

Cities of Black Coal - Looking for a New Light

Our schools

Berufskolleg Tecklenburger Land des
Kreises Steinfurt, Ibbenbüren,
Germany



2nd General Lyceum of Aliveri,
Evia, Greece



partners

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



Five eTwinning projects with Sandra



<https://twinspace.etwinning.net/92451/home>

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

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

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

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

Awards – Three European Labels

2017-18



2016-17



2014-15

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

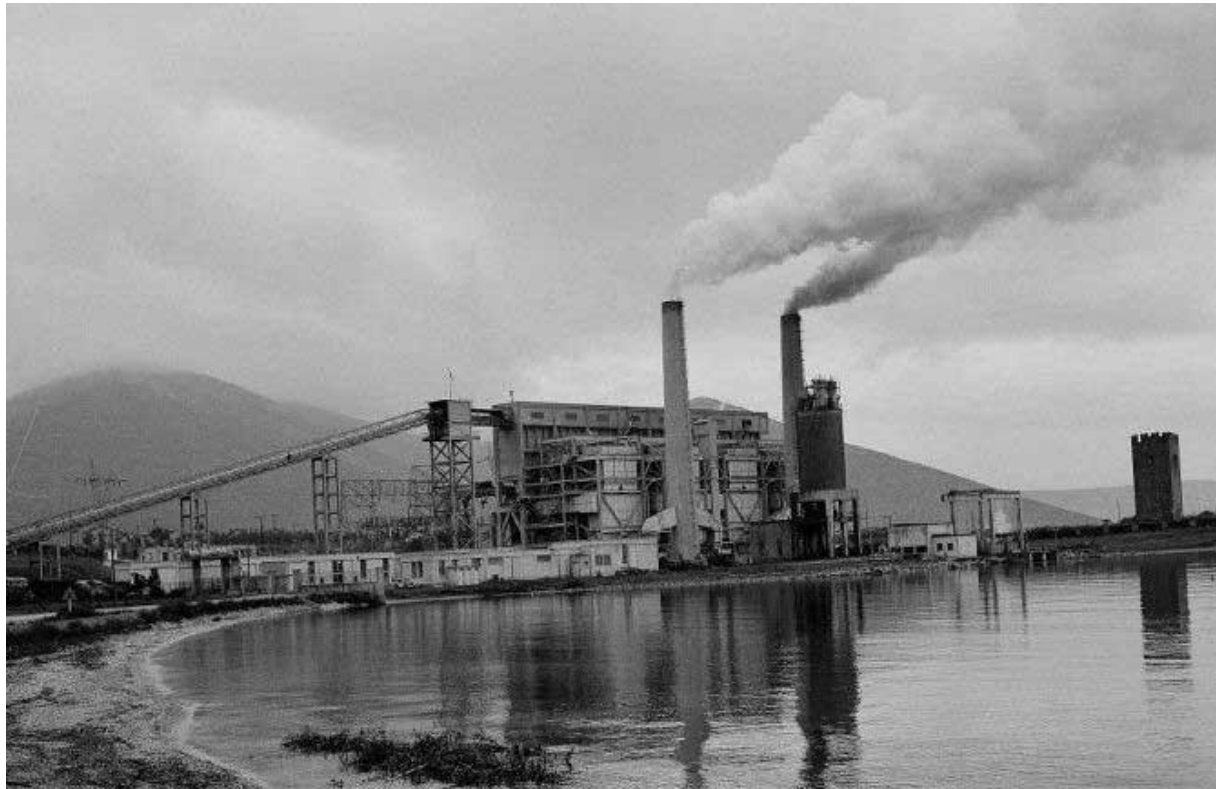
<https://www.youtube.com/watch?v=0pT0onjQT3k>



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



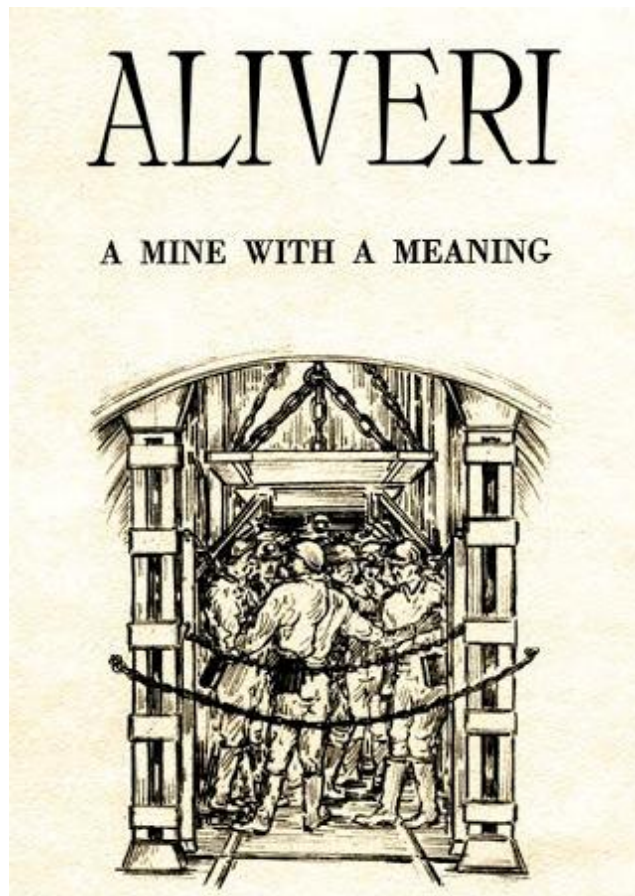
In June **1953** the first Greek steam-electric power plant began its operation in Karavos, the port of Aliveri, providing electrical power to factories, means of transportation, shops and households in the whole country



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



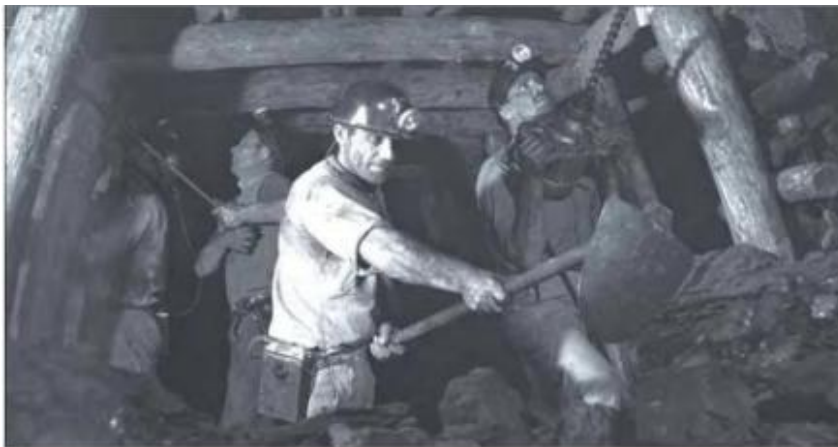
In 1955, when the lignite mine was in full operation, it provided jobs to approximately 1300 workers



Μηχανικοί, επίβλεπες και λιγνιτωρύχοι στον ανελκυστήρα οριζόντιου του βελώνης προς τα εμπρός και από εκεί στο μέτωπο εξόρυξης

Engineers, supervisors and lignite miners in the wall 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



Μηχανισμοί 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.



- 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.



Ατμοκίνητο μεταφορέας
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



- 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 underground



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



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



- And all these next to the sea.
- There has been continuous habitation in the area for **4500** years.



The wonderful sea between them makes you feel calm and peaceful



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

Behind 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!



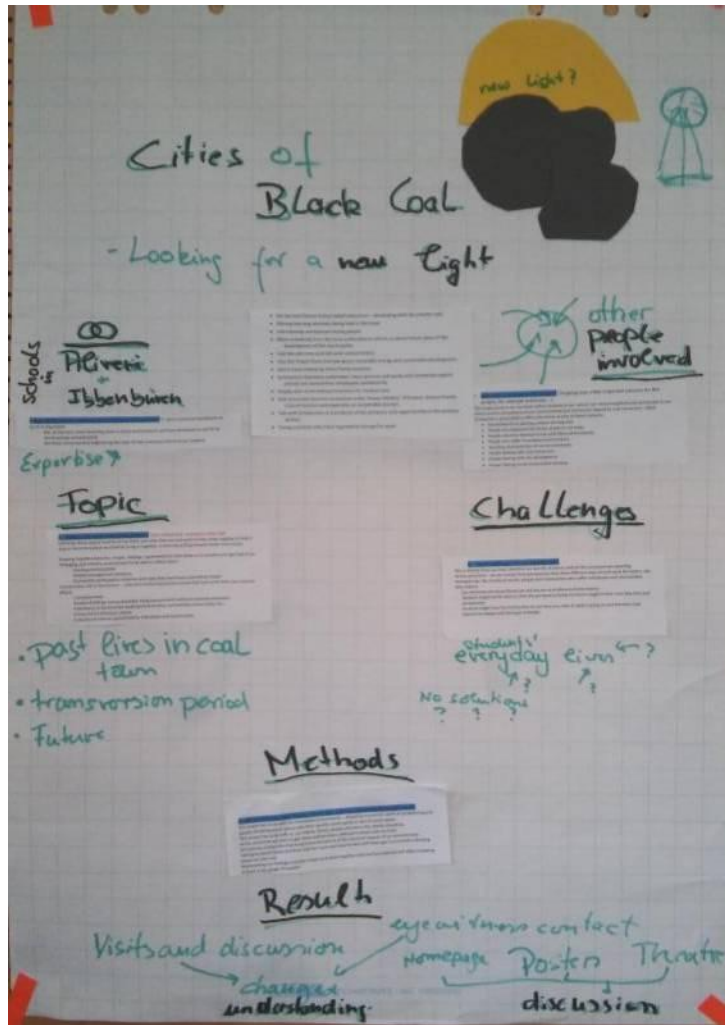
From the seminar in Weimar

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



Our posters in the seminar of Weimar

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



Cities of black coal - looking for a new light

CO2

coal
mine

wealth
employment
pollution
breathing problems

can
ser

Changing our City

unemployment
migration
desolation
poverty
economic
crisis
new orientation

In the past

Berufskolleg Tecklenburger Land, Ibbenbüren Germany

nowadays

2nd GEL Aliveriou, Evia, Greece



Cities of Black Coal - Looking for a New Light - 2nd GEL Aliveriou 2019-20