

This isn't the only obsolete technologies that are employed in the Balkan nation's energy industry: Bosnia hosts three of the ten polluting coal-supplied renewable energy plants in Europe.

Despite their adverse effect on environment and health, institutions and specialists indicate that Bosnia isn't attempting to lower its dependence on fossil fuels, among those hot topics in the UN Climate Change Conference (COP25) at Madrid. The reason? Money.

Bosnia's abundant underground coal reserves as well as the sustainability of the company model - exporting power generated in older power plants - make it almost impossible for the nation to fulfill any of their emission goals set by the Paris agreement.

The coal company is more rewarding to get some - but detrimental for many.

### **Trading gain for health**

This makes the country the sole exporter of energy at the Balkans.

Tuzla, the next Bosnian town, hosts one of the greatest coal-based energy in the area. The plant Termoelektrana, in conjunction with the heavy automobile traffic, the businesses and the national use of coal for heating system, make Tuzla the town with the worst air quality in the Western Balkans.

Tuzla's contamination is 6.5 times over the amount recommended by World Health Organisation standards.

According to the data supplied by The International Climate and Health Alliance (GCHA), The Tuzla coal power plant produces 896 heaps of PM2.5 yearly and it is the most significant PM2.5 origin in the nation. The particles may adsorb toxic substances like sulfates, nitrates, metals and volatile chemicals.

"Pollutants have improved cancer incidence at the neighboring places," states Denis Sisko, project director of the National Bosnian Centre for Ecology and Energy.

The identical study summarized that 136 premature deaths have been due to PM2.5, 17 percent of deaths of adults over 30 decades.

Nearby activist Goran Stojak clarifies that kids born in Tuzla and its environment suffer from breathing difficulties because they're born. The Bankwatch report says that PM2.5 pollution is responsible for 23 percent of children's influenza — 160 from 695.

"Ashes are saved within an open artificial lake, without the security to avoid soil and air pollution. Throughout the rainy season the water disappears along with the dust, filled with heavy metals, is transported by wind right into the city", Stojak describes.

A research by the middle for Ecology and Energy Tuzla estimates that coal-burning might

have a powerful effect on Tuzla's inhabitants: 4.900 years of life expectancy, 131,000 lost working days and above 170 hospital admissions for respiratory and circulatory issues.

### **Politics worsens the Circumstance**

Now's Bosnia struggles to handle the intricate system it inherited in the so-called "Dayton arrangements", finishing the war which ravaged the country from the '90s. Categories are barely taken as neighborhood politics is in continuous search for an equilibrium between the three chief ethnicities (Croatian, Serbian and Bosnian). In a state headed by three rotating presidents, inventing a workable ecological strategy looks hopeless, asserts professor Samir Lemeš of Zenica's college.

### **The coal-system**

"Political parties dominate the business and market their henchmen into the executive ranks, while also devoting employment opportunities to their rank-and-file associates". Since the earnings of energy exports have been shared with the couple, the people bear the purchase price of these a lubricating system concerning taxation and disorders.

"Ironically" Žižko supports, "that the Bosnian state is presently indebting itself carrying loans that are substantial out to construct new coal-based renewable energy plants. Such investments are anticipated to be repaid just in a remote future, possibly when Bosnia is currently an EU member".

The nation is going to probably be forced to shut its plants at the time because Bosnia might need to decarbonize its market to join the EU.

This deficiency of long-sightedness strikingly contrasts with the existence of various other energy resources around the nation. Per the UN former agent of Bosnia-Herzegovina: "Its rivers might be readily exploited for constructing hydro-power plants, for example. A radical mindset shift is required to provide upon coal".

Source: keyc.tv