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*Pančevo,
Influence on
environment*

The industrial complex in Pančevo (around 80 000 inhabitants) includes the Refinery Oil, the Nitrogen Fertiliser Company and the Petrochemical Plant which are built on surface of 8km² and they are less than 150m away from the nearest residential buildings.

Industrial zone



Bombing

As a result of bombing industrial complex, considerable concentrations of different toxic compounds were released into the atmosphere and carried by the prevailing wind across the plain of Banat towards Romania. Toxic products from the sites in Pančevo escaped into the Danube whose flow rate was relatively high about 10,000 m³/s. Thus, to a certain extent direct toxic effects of the pollutants were diminished.

1999

Does this future wait all of us



The following compounds were discharged into the Danube:

- About 3,000 tons of NaOH
- About 800 tons of 33% HCl
- About 1,400 tons of vinyl-chloride monomer (VCM)
- More than 1,000 tons of ethylene dichloride
- From 4 to 5 tons of mercury
- Large quantities of ammonia, nitric acid, crude oil

Consequence of environment changes in city Pančevo Serbia

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Vox Populi

2007

January, Concentration of benzene 156 µg /m³, PM10 174 µg /m³

February, Concentration of TRC 11.41 mg/m³, TNMHC 467,5µg/m³

2006

January, Concentration of HS in air is 10 times more then it is allow

April, Concentration of TRC=42.23 µg/m³

September, Concentration of mercury 5 times more then it is allow

October, Concentration of benzene 125.88 µg /m³

November, Concentration of NH3 325.7 µg/m³

December, Concentration of PM10 913 µg