

## Vortrag über natürliche Ressourcen in Südafrika (Part 1)

First Lukas will tell you something about the History of gold in South Africa.

Then he will tell you about the first discovery, after that he tell you something about the gold mines.

Finally he tells you about the end of the golden age.

Then I will tell you about two other natural resources, Platinum and Uranium

As you know: South Africa is the leading country in the mining of Platinum.

Here you see a table that shows the five leading countries in the mining of Platinum.

Platinum is eight time more valuable than gold, so the 140 t which South Africa mines each Year is more than twice as much worth, as the gold that is mined there.

South Africa is one of the five leading uranium mining countries in the world.

They built a lot of Open-pit mines to mine the Uranium

Open-pit mines are a efficient variant to mine resources but they are a disaster for the environment, because if the resources are used up, it leaves a big hole in the landscape. An other reason against the open-pit mining is that the dust, which the machines produce, is unhealthy for the workers in the mines.

## Natural resoures in South Africa (Part 2)

South Africa has very much natural resourtes.

The main mineral are:

Gold

Platinum

Diamante

Chromium

Manganium

Vandium

Ore

Coal

In the 19 century were first finding Gold. There were many goldmines cities. (Johannesburg)

1970 gave South Africa 70% of the world gold exports.

The world-gold price was going since 1980 back.

1990 worked 500000 workers in mines, today only the half of them.  
today South Africa is no more the main exporter of gold for the world.

The work in the mines were really hard (high temperature and humidity (Luftfeuchtigkeit))

The gold production destroyed the environment really hard with poisonous Quicksilver in the rivers and much using of electricity and water.  
Today are very hard environment directions.

Today are 40% of the world gold resources in South Africa.