

*[slide with logos]*

Hi!

We'd like to welcome you to the first video in the Raw Materials at Schools series.

Today's topic:

*[Slide with name]*

A few words about reclamation and revitalization

Often we do not realize that the area on which our favorite park, shopping center or cultural site is located many years ago had a completely different function, in other words, it had a different task.

And so the quarry where limestone was extracted for city construction became a city park, while the buildings of the underground coal mine complex became a museum or shopping center.

Such activities would not have been possible if it were not for mining activities - which involve extracting sands and gravels, limestone, copper, salt and many other minerals from deep underground carried out in several stages:

*[Slide with process]*

From planning and design, to mining and decommissioning, to reclamation and revitalization of the area that has been transformed. As part of our virtual meeting today, I would like to tell you about this last stage.

So what is reclamation?

*[Slide with definition]*

Use of post-industrial land to perform other functions expected by the public, in other words, recovery.

And what is revitalization?

*[Slide with definition]*

Use of reclaimed land to perform other functions expected by society, in other words, revitalization.

We distinguish nine main directions of reclamation. See for yourself.

1. [Forest]
2. [Agricultural]
3. [Water reservoir]
4. [Recreation]
5. [Cultural]
6. [Educational]
7. [Nature]
8. [Residential]

## 9. [Economy]

In order not to be lip service look at some examples, you can say from our backyard.

- [Zakrzówek Reservoir in Krakow]
- [Silesian Museum in Katowice]
- [Bednarski Park in Krakow]
- [The farm in Lubsza]
- [Industrial park in Bydgoszcz]
- [Educational path around the pond in Piecki]

So, we put forward a thesis at today's meeting that post-industrial sites - including those related to energy production - can become attractive tourist sites and there are even known examples of them being included in the UNESCO World Heritage List.

Heading into the finale of our meeting, I wanted to signal that the...

*The result of cooperation with the University of Hanoi from Vietnam is the development of a joint research topic related to overtourism in UNESCO cities. Such an event, i.e. exceeding the number of visitors, has a negative impact on the environment and the local community. Such an event is observed in Krakow and Ha Long Bay city. The city of Ha Long is home to unique geotourism sites, well known from Jams Bond movies. A research team from AGH has developed a proposal for reorienting tourism by spreading tourist traffic between the main attractions and new attractions created as a result of the revitalization of post-mining areas, as there are such within the metropolitan area of Ha Long city as well as Krakow itself.*

This is the end of our brief lesson on reclamation and revitalization. We hope you now know the difference between the two terms and will look at both the facilities you encounter and the exploitation activities carried out by companies in a different way.

Bye!