

You'll see that there is not much difference between these two pictures. If you look closer, the left one is slightly bigger than the right.



*expensive tunnel*

*cheap tunnel*

The real difference is the price. The cost of the tunnel on the left was more than 100,000 EUR/m (about \$112,680 USD/m), while the cost of the tunnel on the right was just around 15,000 EUR/m (about \$16,900 USD/m). Why was there that much of a difference in cost?

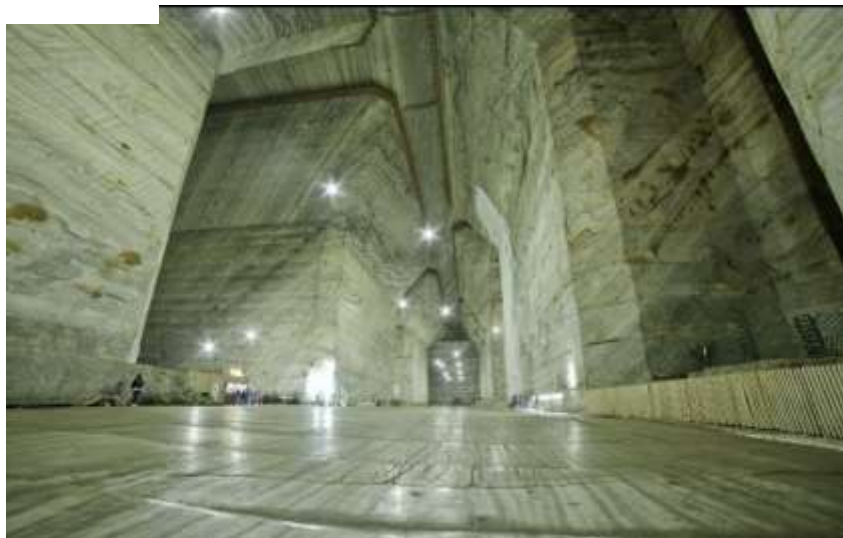


*giant natural cave*

Well, the right tunnel was constructed in hard rock. Meanwhile, the left tunnel is bigger and was constructed in soft rock. Those two factors made the left tunnel six to seven times more expensive than the right one. The picture on the left shows a huge cave, which was made by nature. You won't see any material, such as concrete, supporting the boundaries, which is not the case for the tunnels above. This means that if you carefully pick your construction site, you can build giant underground structures without using construction material,

with much less money, we are using today for construction of some traffic tunnels.

Picture on the right is an artificial underground object that is another example of how big underground structures can be in the right conditions.



*artificial underground object*