

Preguntas a RWE Technology International:

1. While the number of personnel inside the mine is reduced, i.e. truck operators and some other auxiliary equipment are no longer required. But, the amount of mechanical maintenance personnel, increase significantly, no?

Respuesta: Not really significantly, definitely in total much less personnel than shovel and truck equipment.

2. From what transport distance and what volume of material can be considered more economical to transport by belts instead of trucks?

Respuesta: It's hard to give a definitive answer on that and needs to be considered in a tradeoff. Nevertheless it can be said that belt conveyors are becoming very economically with long distance and/or steep inclinations. Just the difference in deadweight between conveyor and truck is significantly as presented in the slides.

3. Thanks for the nice presentation. In your opinion, what would be the added value for digitalization and automation in a continuous mining environment? Safety, manpower, downtime reduction? Thank you.

Respuesta: Yes, definitely, continuous mining has a very high potential for automation. Compared to a classical truck operation there is a higher degree of safety, much less manpower and high production rates. Just as an example; the complete material logistics in Germany in one mine of RWE with 130 km of conveyor belt installations is controlled by one person.