O-PITBLAST

O-PITECO

O-PitEco is a digital tool that allows the user to calculate, evaluate and track environmental impacts of the drilling and blasting operations on each site and on each blast.

Windows 11

Key Features:

Acess, evaluate and compare environmental impacts of different explosives, detonators, cords, boosters and drilling rigs.

Compare emissions from different blast design scenarios.

Access expected drilling and transportation emissions.

Track those described above for a given period of time choosen by the user.

Prediction of offset for carbon emissions.

Development Plan:

Database with all the information needed for the calculation of the environmental impacts as well as emissions.

Database for data related with carbon storage from trees.

A window where the user can have access to all relevant information from the blast.

General report containing data from emission and environmental categories.

Track blast environmental performance, based on environmental indicators.

Suggestion on how to improve environmental performance.