

# Satellite Data to Make Europe's Mining Industry Safer



The European Commission has entered into a contract with EOS Data Analytics, a satellite analytics company founded by Max Polyakov, to develop technologies for the monitoring and analysis of mining sites across Europe. The three-year project, called Goldeneye, has a total budget of €8.3 million.

The project will develop solutions that improve the safety, environmental impact and profitability of mines by creating a platform that combines Earth observation technologies with on-site sensing.

"With Goldeneye, we are not solving just one problem. Our goal is to bring together different technologies in a platform that can offer innovative solutions to both businesses and governments and have a positive effect on the mining

industry as a whole," says the project coordinator Marko Paavola of the VTT Technical Research Centre of Finland.

The [Goldeneye](#) project will target five mining sites across Europe: Pyhäsalmi mine in Finland, TrepÅa Mine Complex in Kosovo, Erzgebirge district in Germany, Panagyurishte district in Bulgaria, and the RoÅŸia Poieni district in Romania.

Under the terms of the Goldeneye programme, EOS Data Analytics will provide satellite data processing.

## Conservation and Optimization of Natural Resources

"Space is, first of all, the knowledge that helps humanity to respond correctly and in a timely manner to changes in the environment. Therefore, we are focused on developing such technologies. At [EOS Data Analytics](#), we have more than 20 scientific and industrial verticals, where we create tools to monitor various processes on Earth," said [Max Polyakov](#), founder of EOS and Noosphere Ventures.

"We are delighted to have a synergistic partnership with the European Commission and are confident that the resulting analysis will be another technological step towards the conservation and optimization of natural resources," said Max Polyakov.

The project is being coordinated by the VTT Technical Research Centre of Finland and the consortium consists of 16 European companies and research partners. The consortium is working together in platform development and in bringing together the work of sensing experts, solution providers and European mines.