



## Challenge Identification

To transform traffic management in the mine to achieve continuous and safe flow

Area	Mine Operations
<b>Problem Description</b>	The operation faces congestion at critical points (intersections, ramps, crossing areas), affecting transport continuity and increasing operational risks. Today, traffic visibility is partial and reactive. Therefore, a better scenario would be to have solutions that enable smart traffic control, congestion prediction and optimal routes in real time for mobile and light equipment.
 <b>Expected Results</b>	<b>20% optimization in driving times within the mine is sought, improving productivity and travel times</b>
 <b>Scope</b>	To eliminate bottlenecks