Challenge Identification

To implement a smart sensorization system in critical equipment and components, incorporating online measurement and automation to enable predictive maintenance and reduce unplanned failures

Area	Concentrator Plants
Problem Description	There is currently a low sensorization and lack of remote elements in critical equipment, which limits the ability to detect anomalous conditions, wear, vibration or incipient failures. This maintains manual and reactive processes and makes an efficient integration between Operation and Maintenance difficult. As a result, significant deviations are not identified in time, generating late interventions and lower predictive capacity, which causes an impact on productivity.

Expected Results

To detect early failures, enable predictive maintenance and reduce unscheduled shutdowns, improving the availability of critical equipment

Scope

To change the strategy | To remove activity from the site | To minimize total cost ownership | To eliminate bottlenecks