

Company name	PLASTIC 7 A SL			Challenge Code	06.1
Challenge type	Process	Technology	Business	Product	
Specific challenge	Implementation of IoT sensors in a painting line to improve the quality of the parts.				
Description			How might we		
<p>Our company manufactures painted parts for the automotive industry, which has very high quality requirements.</p> <p>The variables that influence the quality of the parts are numerous, and it is very difficult to establish a correlation between these variables and the obtained results in order to improve first-pass quality of the parts.</p>			<p>The objective is to implement the following elements:</p> <ol style="list-style-type: none"> <li>1. All the IoT sensors.</li> <li>2. The necessary software.</li> <li>3. A system capable of collecting these variables and using AI to analyze them.</li> </ol> <p>Based on these results, we aim to manage and predict the necessary maintenance activities.</p>		
Restrictions or specific requirements			Profile of the collaborator we are looking for		
<p>Sensors must be ATEX-certified, depending on the area where they are installed. They should preferably be wireless</p>			<p>Experience implementing IoT sensors in ATEX environments. Experience and references in data collection and data analysis software.</p>		
Keywords	#				
Traget indicators	KPI #1 ROI	KPI #2 10% reduction of current scrap	KPI #3		



# SPIN OFFS EMPRESARIALES

## CHALLENGE FORMULATION