

Company name	CPS INFRAESTRUCTURAS MOVILIDAD Y MEDIO AMBIENTE SL	Challenge Code	01.1
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Challenge type	Process	Technology	Bussines	Product
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Specific challenge	AUTOMATION OF BIM WORKFLOWS USING AI
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Description

Unified automation of standards and parameters for BIM software.
 AI-assisted completion of attributes for modelable elements in Revit and Civil 3D.
 The objective is to standardize processes and reduce time.

How could we

Fill in attributes using an AI that detects the typology when selecting the element and searches in the tables according to the client annexes (client technical specifications) and disciplines (areas or project chapters).

Restrictions or specific requirements

Selection of an appropriate AI and database.
 Constraints based on client requirements, with different attributes for each of them (Ministry of Transport, FGv and APV).

Profile of the collaborator we are looking for
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Collaborator with experience in advanced BIM coordination (attributes, IFC exploration, software APIs).

Keywords	#BIM #Automation #Processes
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Key indicators	KPI #1: >80% AI accuracy (or solution accuracy)	KPI #2: Task execution times	KPI #3: Implementation times
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SPIN OFFS EMPRESARIALES

CHALLENGE FORMULATION