

Marie Skłodowska Curie Action – Postdoctoral Fellowship 2023
Expression of interest – Hosting offer
(MSCA-PF-2023)

Contact Person/Scientist in charge	Name	Juan
	Surname	Gallego
	Email	juan.gallego@upm.es
Department /Institute /Centre	Name	Department of Transport Engineering, Territory and Urban Planning
	Address	Calle del Profesor Aranguren 3 , 28040-MADRID
	Province	MADRID
Research Area		Information Science and Engineering (ENG)
Brief description of the Centre/Research Group		<p>Within the Department of Transport Engineering, Territory and Urban Planning, the R&D Road Engineering Group carries out its research activity. Over the last few years it has presented a strong research activity in practically all areas of road engineering, generating dozens of publications and several doctoral theses. Recently the group has tackled new projects related to road sensorisation, data collection and data processing.</p> <p>All 7 members of the group are Ph.D. in Civil Engineering. However, the rapid progress in electronics, sensorisation, data acquisition and processing makes it highly desirable that a Ph.D. in Telecommunications, Electronics and related technical fields joins the group.</p> <p>https://www.upm.es/observatorio/vi/index.jsp?pageac=grupo.jsp&idGrupo=365</p>
Project description		<p>Sensorised road pavements.</p> <p>The R&D Road Engineering Group has been developing for the last two years the basic technology to sensor road pavements, obtain data and convert it into valuable information for traffic management. The maturity level of the results obtained is currently at TRL 4, and the Research Group has decided to continue working to move to TRL 7.</p> <p>In this scenario, a specialist in Telecommunications, Electronics, Data and related fields needs to join the Group. This first step can be done through the MSCA Postdoctoral Fellowships to work for 2 years. But it is not only about this short term incorporation. The project could represent an opportunity to obtain a tenured research position at the UPM.</p>
Applications: documents to be submitted and deadlines		<p>CV Letter of motivation At least, two reference letters Deadline: 30/04/2023</p>