

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

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Department /Institute /Centre	Name	Transport Research Centre (TRANSyT)	
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	Province	MADRID	
Research Area		<u>Social Sciences and Humanities (SOC)</u> <u>Economic Sciences (ECO)</u> <u>Information Science and Engineering (ENG)</u> Environment and Geoscience (ENV)	Life Sciences (LIF) Mathematics (MAT) Physics (PHY) Chemistry (CHE)
Brief description of the Centre/Research Group		<p>The Transport Research Centre (TRANSyT) from UPM is the most influential research institution in Spain in the field of transport economics and planning. It has more than forty members including scholars, postdoctoral researchers, Ph.D. students and administrative staff. It has an active participation in research projects funded by the EU and national programs, an also by private and public institutions.</p> <p>TRANSyT does research in different mobility related fields such as: transport modelling, transport economics, transport planning, sustainability assessment of mobility policies; environmental, impacts of the transport, local and regional sustainable transport strategies, urban transport and mobility management, information technology solutions, big data for transport, freight modelling and logistics, etc.</p>	
Project description		<p>Shared mobility has experienced a dramatic increase in the last few years, emerging as an accepted alternative for urban and interurban transport in the very near future. However, given its intrinsic novelty, the scientific literature has not yet reacted to this fact and generated detailed and quantitative studies regarding the inherent aspects of shared mobility services: their real use and evolution over time and space, their management and governance models supporting them, their associated regulatory framework, their impact on mobility and social welfare, etc.</p> <p>This research proposal aims at filling this gap in the scientific research, facing the study of shared mobility services from a holistic perspective, quantifying their impact on mobility, and designing an integration and regulatory framework to reach an eventual cooperation with the traditional transportation modes, in order to obtain an integrated, efficient and sustainable transport system.</p> <p>In consequence, the project will carry out a preliminary analysis of the available datasets, accessible through both open-data platforms and APIs that operators provide. This analysis will also include the review of the most relevant scientific contributions in this field. Next, it will apply a set of information processing, big-data, and data-science tools to the collected datasets, in order to characterize how</p>	



Expression of Interest – UPM Supervisor

	shared mobility solutions are used, its evolution over time and its spatial distribution.
Applications: documents to be submitted and deadlines	Letter of motivation. Letters of reference. Curriculum Vitae. Deadline: 30/04/2023