

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

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<b>Department /Institute /Centre</b>	<b>Name</b>	Department of Construction and Technology in Architecture (Departamento de Construcción y Tecnología Arquitectónicas)	
	<b>Address</b>	Av. de Juan de Herrera, 4, 28040 Madrid	
	<b>Province</b>	Madrid	
<b>Research Area</b>	<b>Social Sciences and Humanities (SOC)</b>	Life Sciences (LIF)	
	Economic Sciences (ECO)	Mathematics (MAT)	
	<b>Information Science and Engineering (ENG)</b>	Physics (PHY)	
	<b>Environment and Geoscience (ENV)</b>	Chemistry (CHE)	
<b>Brief description of the Centre/Research Group</b>	<p>We are a group of researchers, teachers and professionals linked to the School of Architecture with an extensive and recognised experience in projects related to the integration of environmental aspects in architecture and urban planning from a social perspective. Our research is always developed from this social and eminently practical approach, seeking the real application of solutions that help to improve the living conditions of the most vulnerable citizens through intervention in architecture and urban planning.</p> <p>One of our main lines of research focuses on the knowledge of the relationship between architecture and inhabitability and, consequently, on the study of energy poverty as a problem linked to the quality of housing construction, energy consumption and the ability of households to cope with the price of energy that allows them to maintain their homes in comfortable conditions.</p> <p>We are currently working on several research and intervention projects at different scales to improve the indoor comfort conditions of as many households as possible, considering their particularities and possibilities. Some examples are the European projects <a href="#">EPIU</a> (Energy Poverty Intelligence Unit), <a href="#">COOLTORISE</a> (Summer energy poverty to reduce cooling needs), and <a href="#">BUILDSPACE</a> (Enabling Innovative Space-driven Services for Energy Efficient Buildings and Climate Resilient Cities).</p>		



## Expression of Interest – UPM Supervisor

<b>Project description</b>	<p>The MS Curie Fellow would join the research line developed by the group on energy poverty and climate change. The topics addressed in this research line include, among others, the identification of different types of energy poverty, the characterisation of energy-poor households, tailored made solutions, and adaptation to high temperatures of the most vulnerable population</p> <p>This line of research works on the analysis and proposal at all scales of the built environment: the neighborhood, the building, the home, and people, understanding the need for adaptation and transformation in a global and interdisciplinary way.</p> <p>The tools used within the group to carry out the analyses and evaluations are geographic information systems, urban and building environmental simulation tools, the specific design of questionnaires, and direct work with households.</p> <p>We also combine our research with the specific training of students to enhance the architecture curricula to incorporate social and climate change sensitiveness. The MS Curie Fellow would join these activities as well.</p>
<b>Applications: documents to be submitted and deadlines</b>	CV Letter of motivation Due date: April 30th