

Horizon 2020 Marie Skłodowska Curie Actions PROFILE FORM

From the Chair of Energy and Poverty of Comillas Pontifical University (Madrid, Spain), we are proposing this highly innovative project idea through MSCA for a researcher with a PhD connected with the field of Economy with personal sensitivity towards social problems. We look for an open-minded person willing to integrate in a multidisciplinary team (engineers, social workers, business scientist, lawyers) working in close contact with third sector organizations, energy companies and government agencies to apply ideas such as circular economy, clean energy transition and corporate social responsibility to provide a holistic and solution-oriented approach to the problem of energy poverty.

Organization Name / Department	Comillas Pontifical University / Chair of Energy and Poverty	Organization Short Name	Comillas
Organization Type	<input checked="" type="checkbox"/> University <input type="checkbox"/> Public Research Centre <input type="checkbox"/> Large Scale Enterprise <input type="checkbox"/> Small and Medium Scale Enterprise	<input type="checkbox"/> Public Body <input type="checkbox"/> International NGO <input type="checkbox"/> National NGO	
Research Fields	<input type="checkbox"/> Chemistry CHE <input type="checkbox"/> Social and Human Sciences SOC <input checked="" type="checkbox"/> Economic Sciences ECO <input type="checkbox"/> Information Science and Engineering ENG <input type="checkbox"/> Environment and Geosciences ENV <input type="checkbox"/> Life Sciences LIF <input type="checkbox"/> Mathematics MAT <input type="checkbox"/> Physics PHY	<u>Sub-Fields / Keywords:</u> Energy Poverty, Regulation of Energy Sector	
Short Description of the Organization / Department	<p>The Chair of Energy and Poverty is a university research center, located at Madrid, Spain. The Chair wants to make an important contribution to the search and implementation of solutions to the problem of poverty and specifically in its aspect related to energy. To make this, we develop our activity in two directions: (1) to carry out a bottom-up interdisciplinary research and (2) to serve as a meeting point to facilitate contact between entities and people involved in the fight against energy poverty.</p> <p>The goal of this interdisciplinary investigation is not only to group together different investigation areas, but also to create a knowledge interchange to contribute to the solution of energy poverty (engineering, social work, law, business, economy). This allows a broader view of the issue than the approach of a single discipline. A key point in this line of work is the combination of general approaches with the particular ones that begin with the direct contact with the problem of poverty linked to energy.</p> <p>Comillas Pontifical University wants to put at the service of action against energy poverty its privileged position as a university to create a meeting point for all the involved agents. The objective is to create a forum for reflection, research and dissemination of results with the participation of agents from the academic world, business, welfare or social agents and public administrations. This forum will carry out the analysis and monitoring of energy poverty in the European context with a focus on Spain.</p>		
Previous Related Projects / Research Experience	<p>The Chair on Energy and Poverty has three active lines of research (engineering, social work and social entrepreneurship, each of them with a PhD thesis in progress) and collaborates with many institutions in Spain that promote the fight against Energy Poverty.</p> <p>Academic Publications of the Chair:</p> <ul style="list-style-type: none"> - Barrella, R., Priego, I., Linares, J.I., Arenas, E., Romero, J.C , Centeno, E. <i>Feasibility study of a centralised electrically driven air source heat pump water heater to face energy poverty in block dwellings in Madrid (Spain)</i>, Energies. (May/2020) - Mastropietro, P. <i>Who should pay to support renewable electricity? Exploring regressive impacts, energy poverty and tariff equity</i>, Energy Research & Social Science. 56 (101222), 1-7, (Oct/2019) 		

	<p>- Romero, J.C., Linares, P., López, X. <i>The policy implications of energy poverty indicators</i>, Energy Policy. 115, 98-108, (Apr/2018)</p> <p>Recently, the Chair has played a very decisive role in the elaboration of the National Strategy against Energy Poverty developed by the Ministry of Ecological Transition.</p> <p>In addition, the Chair has delivered different reports on Energy Poverty. Two examples can be found in the links:</p> <p>- ECODES (<i>Analysis of the data from the program “not a single home without energy”</i>): https://ecodes.org/documentos/analisis_politicas_palanca_uso_eficiente_energia_hogares.pdf</p> <p>- SPAIN REPORT (<i>Informe España. Energy Poverty in Spain</i>): https://blogs.comillas.edu/informe-espana/wp-content/uploads/sites/93/2019/10/IE2019Cap3.pdf</p> <p>More information about the Chair on Energy and Poverty can be found at its web page: https://www.comillas.edu/en/chair-of-energy-and-poverty</p>
<p>Short Description of the Project idea (if foreseeable)</p>	<p>Considered as one of the key global challenges for the future in the framework of the United Nations sustainable development agenda 2030, poverty, and specifically energy poverty is a highly complex problem of our society. It involves many different entities, both public and private, in several geographical scales and requires not only long-term structural solutions but also immediate palliative actions. Addressing this complex question requires an intensive and adequately integrated multidisciplinary approach that includes at least technical disciplines (engineering, architecture), social ones (social work, sociology), economic ones (economy, business science) and law. The connection of the research in all these fields in a way that it produces useful, realistic, and applicable results is a challenging task that implies a continuous dialogue among all the researchers.</p> <p>The idea of this project is to further develop the economic approach to the issue as a holistic integrating point of view of other works in progress, mainly from the point of view of engineering, social work and business sciences. That would require a previous process of documentation but mainly of involvement in the different areas of study to get a deep and multifaceted knowledge of the energy poverty problem.</p> <p>The project will include, among others, the following aspects:</p> <ul style="list-style-type: none"> • Contextualize energy poverty within the paradigm of the circular economy, which will have a very important role to play in the just transitions towards sustainability that our societies need, especially in the energy sector. • To envision the impact of different sustainable energy technologies on energy poverty from an economic point of view. Eventually, GEM or PEM might be used. • A comprehensive understanding of the effect of the development of European Winter Package and its subsequent directives and the economic implications of really implementing a decarbonized, sustainable “no one left behind” approach, including the possibility of assessing the economic impact of different alternatives for regulation. • To investigate the role of energy communities as a tool to fight energy poverty. This implies understanding the economic and regulatory implications of this new actor in the energy sphere. • To integrate in the approach the role of differently sized companies for the understanding and addressing of energy poverty including (among others) concepts as corporate social responsibility and social entrepreneurship.
<p>Related Call</p>	<p>H2020-MSCA</p>
<p>Contact Person</p>	<p>Efraim Centeno Hernández</p>
<p>Position in the Organization</p>	<p>Director of Chair of Energy and Poverty.</p>
<p>Tel</p>	<p>+34 91 540 62 79</p>
<p>Email</p>	<p>director.catedraeyp@comillas.edu</p>