

<b>Organisation Details</b>	Dublin City University, Sustainable Economies and Societies Research & Enterprise Hub, Dublin, Ireland <a href="https://www4.dcu.ie/research/key-research-areas/Sustainable_Economies_Hub">https://www4.dcu.ie/research/key-research-areas/Sustainable_Economies_Hub</a>	
<b>Organisation Type</b>	<input checked="" type="checkbox"/> Academic <input type="checkbox"/> Large Enterprise <input type="checkbox"/> SME <input type="checkbox"/> Public Research Organisation	<input checked="" type="checkbox"/> Public Body <input type="checkbox"/> NGO <input type="checkbox"/> Non-Profit <input type="checkbox"/> Other ( <i>please specify</i> ) <hr/>
<b>Research Field(s)</b>	<input checked="" type="checkbox"/> Chemistry CHE <input type="checkbox"/> Social and Human Sciences SOC <input checked="" type="checkbox"/> Economic Sciences ECO <input checked="" type="checkbox"/> Information Science and Engineering ENG <input checked="" type="checkbox"/> Environment and Geosciences ENV <input type="checkbox"/> Life Sciences LIF <input type="checkbox"/> Mathematics MAT <input checked="" type="checkbox"/> Physics PHY	<b>Keywords:</b> Surface chemistry, Thin films, Nano-materials, Catalysis, Natural resources and environmental economics, Energy systems, Energy conversion and storage, Mechanical and manufacturing engineering, Materials engineering, Nanotechnology, Nano-materials, Nano engineering, Sustainable design, Water management, Pollution (water, soil), waste disposal and treatment, Biofuels, bioreactors, Gas and plasma physics, Metrology and measurement, Semiconductors, Nanophysics: Nanoelectronics, Nanophotonics, Fluid dynamics
<b>Short Description of the Organisation and the Faculty/Dept./School/Centre</b>	The Sustainable Economies and Societies Research & Enterprise Hub drives scientific and social science research, technology development and innovation which supports sustainable development in both industry and the environment. Expertise includes advanced manufacturing, environmental monitoring, water technologies and energy systems.	
<b>Short Description of the Research Project/Topic</b>	Novel Materials Science, Polymer Science, Laser processing, Characterisation, Plasma Technologies, Sensor Technologies, Metrology, Semi-Conductors, Nano-electronics, Flexible Electronics, Water, Analytical Chemistry and Separation Science, Energy	

	conversion and storage, Biomass, Solar, Anaerobic digestion, Hydrogen, Energy efficient systems, Remote monitoring, analysis and control, Modelling and Simulation, Surface engineering, Process Control, Data Analytics, Sustainable Engineering, Green Finance, Sustainable Development and user engagement.
<b>Expertise required by the applicant</b>	Potential applicants should have a PhD or more than 4 years research experience, and can be resident either in the European Union or outside. You are eligible to apply if you have not carried out research in Ireland for more than 12 months in the last three years.
<b>Career development support offered to fellows</b>	DCU runs a Researchers Development Programme, which includes many modules for the career and professional development of all researchers, including Project Management, The Academic Entrepreneur, Managing a Research Team, Professional Skills for Research Leaders, Intellectual Property and Commercialisation.
<b>Application procedure</b>	Please submit your expression of interest via the DCU MSCA webpage at: <a href="https://www4.dcu.ie/research/expressionofinterest-mariecurie-sustainable.shtml">https://www4.dcu.ie/research/expressionofinterest-mariecurie-sustainable.shtml</a> You will be asked to provide your CV (including list of publications and all relevant achievements) and a short description of the proposal (topic, abstract and objectives)
<b>Contact Person</b>	Dr. Olga Ormond, Funding Diversity Coordinator, Research & Enterprise Hubs, Dublin City University Email: <a href="mailto:olga.ormond@dcu.ie">olga.ormond@dcu.ie</a>