

**HORIZON EUROPE Research and Innovation Framework Programme
MARIE SKŁODOWSKA-CURIE ACTIONS**

**EXPRESSION OF INTEREST
Postdoctoral Fellowships (PF)
HORIZON-MSCA-2023-PF-01**

Organisation Name/ Department <i>(if applicable)</i>	Ecostack Innovations	
Website of the organisation <i>(in English)</i>	https://www.ecostackinnovations.com/	
Organisation Short Name	EcoINN	
Organisation Type	<input type="checkbox"/> Academic <input checked="" type="checkbox"/> Non-academic	<input type="checkbox"/> Higher Education establishment <input type="checkbox"/> Research organisation <input type="checkbox"/> International European Research Organisation <input checked="" type="checkbox"/> SME <input type="checkbox"/> Other (please specify)
Research Fields	<input type="checkbox"/> Chemistry (CHE) <input type="checkbox"/> Social Sciences and Humanities (SOC) <input type="checkbox"/> Economic Sciences (ECO) <input 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 type="checkbox"/> Physics (PHY)	
Sub-Fields/ Keywords <i>(up to 5)</i>	Ecosystem services Landscape and urban planning Nature Based Solutions Socio-environmental justice	
Marie Skłodowska-Curie Action(s) of interest	<input checked="" type="checkbox"/> European Postdoctoral Fellowships <input type="checkbox"/> Global Postdoctoral Fellowships	
Short Description of the Organisation/ Department - strengths and scientific achievements (publications, patents, etc.), important infrastructure <i>(up to 2000 characters with spaces)</i>	Ecostack Innovations is looking to host talented researchers who will work as part of our industrial innovation team and are interested to apply for a Postdoctoral Fellowship in the framework of the new Marie Skłodowska-Curie Actions (MSCA) programme. Ecostack Innovations is an enterprise providing expertise in ecological and sustainability topics. Ecostack Innovations Limited was established to promote	

	<p>sustainable innovation and to tackle the trade-offs between development and nature.</p> <p>At Ecostack Innovations, we currently participate in several projects relating to environmental monitoring, and that establish nature-based solutions for climate resilience and human well-being.</p> <p>Our work is contributing to developing promoting greener cities in line with the EU Green Deal goals. Through our work we address key Sustainable Development Goals, including SDG3, SDG6, SDG9, SDG11, SDG12, SDG13 and SDG 14</p>
<p>Previous Projects/ Research Experience (international/ EU/ big national or regional projects especially in the areas in which you would like to host fellows) (<i>up to 5</i>)</p>	<p>Our team members have considerable experience in research and innovation and have contributed to the following funded projects over the past few years.</p> <p>GOGREEN ROUTES The objective of the GOGREEN ROUTES (GO GREEN: Resilient Optimal Urban natural, Technological and Environmental Solutions) Horizon 2020 project is to position European cities as world ambassadors of urban sustainability. GOGREEN ROUTES transdisciplinary consortium will pioneer a unique approach augmenting nature-based solutions, urban design with the goal of fostering a positive human-nature relationship, flourishing nature connectedness and promoting citizen engagement through digital, educational and behavioural innovation. EcoINN is leading the scientific work in Malta in this project.</p> <p>MAHONEY The project MAHONEY (Combination of mapping landscape suitability for honeybees and advanced chemical analysis of honey to target geographical regions vulnerable to honey fraud), funded by the European Commission, maps the availability of nectar and pollen from the landscapes of Malta. It is expected that the one of the outcomes of the project is the identification of chemical markers that can be used to link the honey to the landscape in which it has been produced. The project will also offer the possibility to predict what areas are favourable to honeybees and can also aid beekeepers to identify the most suitable areas for beehives placement leading to improved honey production</p> <p><u>ReNature</u> ReNature (Promoting research excellence in nature-based solutions for innovation, sustainable economic growth and</p>

human well-being in Malta) aims to establish and implement a nature-based solutions research strategy with a vision to promote research and innovation and develop solutions in a pursuit of economic growth, whilst at the same time improving human well-being and tackling environmental challenges.

LIFE IP RBMP Malta – Scientific consultant

The LIFE IP RBMP project supports the implementation of the second River Basin Management Plan (RBMP) through the establishment of an integrated framework for the optimised management of all water resources on the Maltese islands. Ecostack Innovations was commissioned by the authorities to quantify and assess ecosystem services in order to inform water management actions within the Maltese Islands.

ESMERALDA

ESMERALDA (Enhancing ecoSystem sERvices mApping for poLicy and Decision mAking) aims to deliver a flexible methodology for ecosystem service assessments, supporting EU Member States in achieving Action 5 of the Biodiversity Strategy. The approach integrates biophysical, socio-cultural and economic methods and tests them in different conditions, scales, policy issues and decision-making processes through stakeholder involvement in several case studies across the EU.

EnRoute

EnRoute (Enhancing Resilience of urban ecosystems through green infrastructure) is a project of the European Commission in the framework of the EU Biodiversity Strategy and the Green Infrastructure Strategy. EnRoute provides scientific knowledge of how urban ecosystems can support urban planning at different stages of policy and for various spatial scales and how to help policymaking for sustainable cities. It aims to promote the application of urban green infrastructure at local level and delivers guidance on the creation, management and governance of urban green infrastructure. Importantly, it illustrates how collaboration between and across different policy levels can lead to concrete green infrastructure policy setting.

SOLIBAM

The overall objective of the FP7 project SOLIBAM (Strategies for organic and low-input integrated breeding and management) was to develop specific and novel breeding approaches integrated with management practices to improve the performance, quality, sustainability and stability of crops adapted to organic and low-input systems.

Thematic areas and list of supervisors who are looking forward to preparing a project proposal with postdoctoral researchers	Ecosystem services Landscape and urban planning Nature Based Solutions Socio-environmental justice
Contact Person/ Position in the Organisation/ Phone/ E-mail	<i>Dr Mario V Balzan (CV from: mariobalzan.info) Co-founder +35679730423 mario@ecostackinnovations.com</i>
Necessary documents	<ul style="list-style-type: none"> ✓ CV ✓ Brief description of the project idea
What we offer	<ul style="list-style-type: none"> ✓ Full-time contract to work on a research project and enjoy advanced training, ✓ Competitive salary – €4,475.48 gross amount, including compulsory deductions under national law, such as employer and employee social security contributions and direct taxes; ✓ Mobility (€ 600) and Family allowances (if applicable - € 660); ✓ Budget for Research, Training and Networking costs (€ 1 000); ✓ Special needs allowance (if applicable).
Requirements	<ul style="list-style-type: none"> ✓ Experience: <ul style="list-style-type: none"> - Applicants should be in a possession of a doctoral degree at the call deadline. - At the call deadline, supported researchers must have a maximum of 8 years full-time equivalent experience in research, measured from the date of award of the doctoral degree. Years of experience outside research and career breaks (e.g. due to parental leave) will not count towards the amount of research experience. For nationals or long-term residents of EU Member States or Horizon Europe Associated Countries who wish to reintegrate to pursue their research career in EU Member States or Horizon Europe Associated Countries, years of experience in research in third countries will not be considered in the above maximum. ✓ Mobility rule: (<i>delete accordingly</i>) <ul style="list-style-type: none"> - European Postdoctoral Fellowships - applicants must not have resided or carried out their main activity (work, studies, etc.) in the country of the beneficiary for more than 12 months in the 36 months immediately before the call deadline, - Global Postdoctoral Fellowships - applicants must not have resided or carried out their main activity (work, studies, etc.) in the country of the host organisation for

	the outgoing phase for more than 12 months in the 36 months immediately before the call deadline.
<u>IMPORTANT – apply with us and increase your chances for success¹:</u>	✓ Not funded applications for European Postdoctoral Fellowships with a host organisation from Malta will have the chance to be funded under the ERA Fellowships Call (‘Widening Participation and Strengthening the European Research Area’ part of the Framework Programme). They will be automatically transferred to the ERA Fellowships Call and will be ranked in one single list according to the scores and evaluation of the Postdoctoral Fellowships call with an additional budget of € 8 million for 2022.

¹ The first bullet is only for Widening countries, the second bullet is only for countries and/ or organisations that have a Seal of Excellence programme adopted. Delete accordingly.