


# Proposal Evaluation Form

	<b>EUROPEAN COMMISSION</b> Horizon Europe Framework Programme (HORIZON)	<b>Evaluation Summary Report - Postdoctoral Fellowships</b>
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**Call:** HORIZON-MSCA-2023-PF-01  
**Type of action:** HORIZON-TMA-MSCA-PF-EF  
**Proposal number:** 101148880  
 [Redacted] [Redacted]  
 [Redacted] [Redacted]  
 [Redacted] [Redacted]

**Activity:** EF-ENG

N.	Proposer name	Country	Total eligible costs	%	Grant Requested	%
1	UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN	IE	199,694.4	100.00%	199,694.4	100.00%
Total:			199,694.4		199,694.4	

**Abstract:**

[Redacted]

## Evaluation Summary Report

### Evaluation Result

**Total score: 92.60 % (Threshold: 70 /100.00)**

### Criterion 1 - Excellence

Score: 5.00 (Threshold: 0 / 5.00 , Weight: 50.00% )

- **Quality and pertinence of the project's research and innovation objectives (and the extent to which they are ambitious, and go beyond the state of the art).**
- **Soundness of the proposed methodology (including interdisciplinary approaches, consideration of the gender dimension and other diversity aspects if relevant for the research project, and the quality of open science practices).**
- **Quality of the supervision, training and of the two-way transfer of knowledge between the researcher and the host**
- **Quality and appropriateness of the researcher's professional experience, competences and skills.**

*Strengths:*

- *The innovative objectives and pertinence of the proposed research are clearly described in the proposal and linked to the resilience issues of hydrogen-integrated energy systems.*
- *The proposal has innovative aspects that sufficiently go beyond the state of the art in the research field, identify existing research gaps, and properly justify the scientific goal.*
- *The proposal sufficiently presents how the objectives are achievable and verifiable.*
- *The proposed method is well-designed, incorporating the use of reliable models for the research, and the underlying assumptions are well-supported.*
- *The proposal is interdisciplinary, it indicates the disciplines necessary and involved in achieving the objectives.*
- *Open science practices are very well integrated with the proposal.*
- *The supervisor's qualifications and experience related to the research topic are sufficiently confirmed to ensure high-level supervision during the fellowship.*
- *The proposed training program exhibits a broad range of disciplines that are essential for the research.*
- *The two-way transfer of knowledge between the researcher and the host is addressed adequately. It is sufficiently clear how the researcher can benefit from the host and vice versa.*
- *The CV is prepared with great care, enabling the identification of the researcher's significant activities and achievements. The presented list of publications confirms the researcher's commitment to scientific development.*
- *The researcher has a long experience and maturity in projects related to the operation of integrated energy systems, which corresponds to the content of this proposal.*
- *The proposal sufficiently presents how the accuracy and robustness of AI-based methods will be ensured.*

*Weaknesses:*

None

### Criterion 2 - Impact

Score: **4.30** (Threshold: 0 / 5.00 , Weight: 30.00% )

- **Credibility of the measures to enhance the career perspectives and employability of researchers and contribution to their skills development.**
- **Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities.**
- **The magnitude and importance of the project's contribution to the expected scientific, societal and economic impacts.**

*Strengths:*

- *The proposal convincingly explains how it will have a positive impact on the researcher's career perspectives inside academia.*
- *The measures described in the proposal are appropriate to enhance the researcher's expected scientific skills in short and long-term perspectives.*
- *The proposal outlines specific communication measures to inform and reach out to society and demonstrate the activities performed. The target groups are specified properly.*
- *The proposal describes well enough economic, technological, and societal impacts beyond the immediate scope and its duration.*
- *The quantified estimates of the proposed project's contribution to the expected outcomes are sufficient and credible.*

*Weaknesses:*

- *The dissemination of scientific results and the ability to control the achievement of these are not sufficiently presented. For instance, the proposal does not sufficiently specify the status of the scientific outcomes, such as whether the scientific papers have been submitted or published.*
- *The exploitation strategy is not sufficiently developed, as a clear strategy for intellectual property management for the developed tools is not sufficiently elaborated.*

### Criterion 3 - implementation

Score: **4.20** (Threshold: 0 / 5.00 , Weight: 20.00% )

- **Quality and effectiveness of the work plan, assessment of risks and appropriateness of the effort assigned to work packages.**
- **Quality and capacity of the host institutions and participating organisations, including hosting arrangements.**

*Strengths:*

- *The work plan is properly identified. It includes all necessary elements for meeting the expected results of research and training.*
- *The effort assigned to each work package is calculated appropriately, taking into account the order in which individual goals will be achieved.*
- *The host institution offers suitable environment for the proper implementation of the research. The researcher will get appropriate support.*
- *The proposal includes credible information about appropriate logistics and facilities that will support the successful implementation of the project.*

*Weaknesses:*

- *The list of risks does not sufficiently consider all the potential problems that may affect the implementation of the project's work plan and timeline. Also, contingency plans are not appropriately identified. Therefore, the risk assessment is not sufficiently detailed in the proposal.*
- *The Gantt chart is not sufficiently detailed regarding deliverables and training activities.*

### Scope of the application

Status: **Yes**

Comments (in case the proposal is out of scope)

Not provided

### Exceptional funding

A third country participant/international organisation not listed in [the General Annex to the Main Work Programme](#) may exceptionally receive funding if their participation is essential for carrying out the project (for instance due to outstanding expertise, access to unique know-how, access to research infrastructure, access to particular geographical environments, possibility to involve key partners in emerging markets, access to data, etc.). (For more information, see the [HE programme guide](#))

Please list the concerned applicants and requested grant amount and explain the reasons why.

Based on the information provided, the following participants should receive exceptional funding:

*Not provided*

Based on the information provided, the following participants should NOT receive exceptional funding:

*Not provided*

### Use of human embryonic stem cells (hESC)

Status: No

If YES, please state whether the use of hESC is, or is not, in your opinion, necessary to achieve the scientific objectives of the proposal and the reasons why. Alternatively, please state if it cannot be assessed whether the use of hESC is necessary or not, because of a lack of information.

*Not provided*

### Use of human embryos

Status: No

If YES, please explain how the human embryos will be used in the project.

*Not provided*

### Activities excluded from funding

Status: No

If YES, please explain.

*Not provided*

### Do no significant harm principle

Status: Not applicable

If Partially/No/Cannot be assessed please explain

*Not provided*

### Exclusive focus on civil applications

Status: Yes

If NO, please explain.

*Not provided*

### Artificial Intelligence

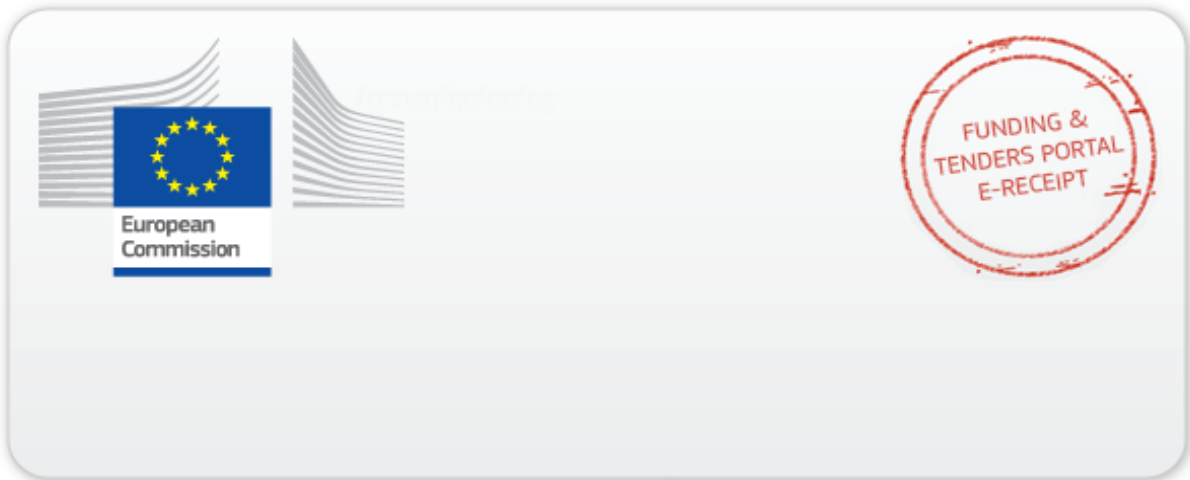
Status: Yes

If YES, the technical robustness of the proposed system must be evaluated under the appropriate criterion.

*Not provided*

**Overall comments**

*Not provided*



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