UCD ENERGY21 Fellowship Programme

Application Templates for Call 1 (2014)

All applications for the UCD ENERGY21 Fellowships must be submitted using the online application system on the Programme website: www.ucd.ie/energy21/apply/.

This document presents the templates of documents that are required to be submitted as part of an application.

- A. Online application registration
- B. Online proposal details
- C. Ethical statement
- D. Research proposal
- E. Academic CV

Please note that sections A and B ("Online application registration" and "Online proposal details") will be completed as part of the online form, while the remaining documents (C - E) shall be submitted in pdf format as an attachment.

A. ONLINE APPLICATION REGISTRATION

Before submitting an application all applicants are required to register with the online application system (http://www.ucd.ie/energy21/login/). The required registration details are presented in the table below.

Title	
First Name	
Last Name	
Email	
Website	
Phone	
Address 1	
Address 2	
Address 3	
Town	
Country	
Institution	
Gender	
Nationality	

B. PROPOSAL DETAILS

Proposal Title	
Energy Systems Integration topic* (choose one) *The most applicable field should be chosen. If a proposal addresses multiple fields, please list them in the provided text box.	• economics, finance, regulation and policy • modelling • consumer behaviour • resources • built environment • data, sensors and security • water • electricity • gas • optimisation • forecasting • distributed energy systems • energy systems technology
Fellowship Type (choose one)	• Incoming Fellowship Level 1 • Incoming Fellowship Level 2 • Reintegration Fellowship Level 3
Proposed UCD Principal Investigator (PI)	
Proposed Outgoing Host Institution	
Proposed Outgoing Host Principal Investigator (PI) (optional)	
Proposal abstract	*A short summary of the proposal, which could be the same as the proposal summary, built around a research project.*
Key words (maximum five)	

C. ETHICAL STATEMENT

Please complete the ethical statement outlined below and attach it as a separate document (the template can be downloaded from the Application Documents section of the ENERGY21 website (http://www.ucd.ie/energy21/applicationprocess/applicationdocuments/).

Research areas excluded from funding:

- Research activities aiming at human cloning for reproductive purposes.
- Research activities intended to modify the genetic heritage of human beings which could make such changes heritable.
- Research activities intended to create human embryos solely for the purpose of research or for the purpose of stem cell procurement, including by means of somatic cell nuclear transfer.

Research on human embryo/foetus	YES
Does your research involve human embryonic stem cells (hESCs)?	☐
Does your research involve human embryos?	☐
Does your research involve human foetal tissue/cells?	☐
I CONFIRM THAT **NONE** OF THE ABOVE ISSUES APPLY TO MY PROPOSAL	☐
Research on humans	YES
Does your research involve human participants?	☐
If YES	
Are they volunteers for social or human sciences research?	☐
Are they persons unable to give informed consent?	☐
Are they vulnerable individuals or groups?	☐
Are they children/minors?	☐
Are they patients?	☐
Are they healthy volunteers for medical studies?	☐
Does your research involve physical interventions on the study participants?	☐
I CONFIRM THAT **NONE** OF THE ABOVE ISSUES APPLY TO MY PROPOSAL	☐
Protection of personal data	YES
Does your research involve personal data collection and/or processing?	☐
Does your research involve further processing of previously collected personal data (secondary use)?	☐
I CONFIRM THAT **NONE** OF THE ABOVE ISSUES APPLY TO MY PROPOSAL	☐
Research on animals	YES
Does your research involve animals?	☐
I CONFIRM THAT **NONE** OF THE ABOVE ISSUES APPLY TO MY PROPOSAL	☐

This project is co-financed by the Marie Curie FP7-PEOPLE-2013-COFUND Action. Grant agreement no.: 609401.

Page | 3

Research involving non-EU countries (Third Countries)		YES
Will your research (or parts of it) be conducted in one or more of the Third countries?		☐
Is any material used in the research (e.g. personal data, animal and/or human tissue samples, genetic material, live animals etc.):	a) Collected in any of the Third countries?	☐
	b) Exported to any other country (including Third and EU member states)?	☐
I CONFIRM THAT **NONE** OF THE ABOVE ISSUES APPLY TO MY PROPOSAL		☐
Environmental protection and safety		**YES**
Does your research involve the use of elements that may cause harm to the environment, animals or plants?		☐
Does your research deal with endangered fauna and/or flora/ protected areas?		☐
Does your research involve the use of elements that may cause harm to humans, including research staff?		☐
I CONFIRM THAT **NONE** OF THE ABOVE ISSUES APPLY TO MY PROPOSAL		☐
Dual use and misuse		**YES**
Does your research have the potential for military applications?		☐
Does your research have the potential for malevolent/criminal/terrorist abuse?		☐
I CONFIRM THAT **NONE** OF THE ABOVE ISSUES APPLY TO MY PROPOSAL		☐
Other ethics issues		**YES**
Are there any other ethics issues that should be taken into consideration?		☐

If you answered **YES** to any of the above questions please provide details how these issues will be addressed in your research in the main research proposal text. Please consult the *2013 People Programme Guide for Applicants for Marie Curie Actions on Ethics* for further information. The Guide is available on the ENERGY21 programme website: http://www.ucd.ie/t4cms/IOF.etik.13.pdf.

This project is co-financed by the Marie Curie FP7-PEOPLE-2013-COFUND Action. Grant agreement no.: 609401.

Page | 4

D. RESEARCH PROPOSAL

- The maximum number of pages for the research proposal document is 12. Font size to be used is 11 for main text and 10 for tables.
- Literature should be listed in footnotes, font size 8 or 9. All literature references will count towards the page limit.
- The applicants should use the structure outlined in the table below for the research proposal.

Headings	Comments on the content
Name of the Applicant	
Title of the project	
Summary	*Provide a short summary of the proposal, which could be the same as the proposal abstract, built around a research project.*
1. Introduction	
2. State of the art	
3. Aims and objectives of the project	
4. Research methodology and approach	• *Provide an overview of the type of research and innovation activities proposed.* • *Include ethical considerations if relevant.*
5. Originality and innovative aspects	• *Explain the contribution that the project is expected to make to advancements within the project field.* • *Describe any novel concepts, approaches or methods that will be employed.*
6. Career Training and Development Plan	• *Outline your immediate and long-term goals for your career.* • *Provide a description of your plans for the acquisition of new knowledge and skills during the period of this Fellowship in the context of the long-term goals.* • *Explain your reasons for choosing this Fellowship and how this Fellowship programme will contribute to reaching these goals.* • *Detail how the Fellowship will enable you to gain skills relevant to employment outside the traditional academic sector.* • *Detail how the Fellowship will enable you to acquire competencies that improve the prospects of reaching and/or reinforcing a position of professional maturity, diversity and independence.*
7. Transfer of knowledge / training	• *Discuss how you will gain new knowledge from the hosting organisations (both UCD and the outgoing host) during the Fellowship.* • *Explain how both hosting organisations may benefit from your previous experience and describe how you intend to share your knowledge with the host organisations.* • *Discuss the transfer of knowledge between the UCD phase of the Fellowship and the outgoing phase.*
8. Supervision and the hosting arrangements	• *Outline qualifications and experience of the UCD Principal Investigator (PI) and the Outgoing Host PI, if proposed, including experience on the research topic of the proposal, track record and other relevant information.*

	•	*Explain why you have chosen to carry out research at UCD and how UCD can support you and your research.*
9. Impact	•	*Discuss the impact of the Fellowship on your career path.*
	•	*Describe how the potential outcomes from your research will advance science, technology and will address the present and future socio-economic needs.*
	•	*Outline the measures you propose to employ in order to communicate and disseminate the results.*
10. Implementation	•	*Present your Work Plan, including Work Packages, deliverables, and milestones.*
	•	*Outline the allocation of tasks over time (A Gantt Chart) and resources.*
	•	*Describe the potential risks associated with project implementation, and propose contingency plans.*

E. ACADEMIC CV TEMPLATE

All applicants should use the following CV format.

Font: Arial, Font size: 11

Personal Information	
First name	
Last name	
Address	
Postal code	
City	
Country	
E-mail	
Phone	

Education			
University level			
Degree	University name	Dates (start – finish)	Grades
Other			
Course	Name of the institution	Dates (start – finish)	Grades

Employment			
Dates (start – end)	Position	Employer	Responsibilities, tasks and skills

Teaching experience		
Organization/school	Subject	Description

Leave of absence (e.g. sickness, family- parental leave or military service)	
Dates (from – to)	Type of leave of absence

Prizes and awards	
Date	Prize/award

Conferences	
Date	Title and involvement (paper, presentation, poster, chair, organisation, etc.)

Memberships of professional organisations, committees and other community roles	
Organization	Status (member, fellow, reviewer, advisor etc.)

Language skills*			
Language	Reading	Writing	Verbal

*Please use the following scale for describing your language skills: native, very good, good, fair and poor.

Additional information**

**Please do not use this section for including a cover letter. Maximum length: 0.5 page.

List of publications

Please list all relevant publications including journals, books, book chapters, and reports using Harvard Referencing style (http://www.ucd.ie/t4cms/Guide69.pdf).