



National GreenTech in Healthcare application form

In a national first Health Innovation Hub Ireland (HIHI) with the HSE and Irish College of GPs are launching a Greentech in healthcare call. The call is for innovative products and services that deliver environmental sustainability in both primary and secondary healthcare. The national call has a triple focus – production, disposal, decontamination. Please consult the briefing document available on the GreenTech page on hihi.ie before and when completing your application form.

Application Form

Instructions: Please read the National GreenTech in Healthcare briefing document available on the National GreenTech call page on hihi.ie, before completing the application form. Advice and assistance is available from Health Innovation Hub Ireland:

|  |  |  |  |
| --- | --- | --- | --- |
| Jane O’Flynn | Cork | [jane.oflynn@mtu.ie](mailto:jane.oflynn@cit.ie) |  |
| Geraldine O Flynn | Galway | [geraldine.oflynn@universityofgalway.ie](mailto:geraldine.oflynn@universityofgalway.ie) |  |
| Eimear Galvin | Dublin | [Galvinei@tcd.ie](mailto:Galvinei@tcd.ie) |  |

For more information visit [www.hih.ie](http://www.hih.ie)

Closing Date: Completed applications should be uploaded via the link on the National GreenTech call page on hihi.ie by 5pm November 15th, 2024. You will receive an automated email response acknowledging receipt of application. If you do not receive this acknowledgement, please contact [info@hih.ie](mailto:info@hihi.ie)

**Background detail required**

**Please provide details of the organisation**

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| --- | --- |
| **Name** |  |
| **Address** |  |
| **Website** |  |
| **Where is your company registered?** |  |
| **Organisation Type:**  **MNC, SME, start-up, academic, public body, private organisation, other** |  |
| **Number of Employees** |  |
| **List the partners if any associated with this proposal** |  |

**Please provide contact details**

|  |  |  |
| --- | --- | --- |
| **Contact Name** |  |  |
| **Job Title** |  |  |
| **Contact Email** |  |  |
| **Telephone Numbers** |  |  |

**Product and stage of development**

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| **Product Name** |  | |
| **Stage of Development (tick appropriate box)** | **Market Ready** (CE marked, where required) |  |
| **Pre-commercial**  (Product developed and nearly ready for market) |  |
| **Product in Development**  (Prototype available) |  |

**Please provide details of proposed project**

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| **Project Name** |  | |
| **Type of Project**  **(tick appropriate box)**  Note: only products that are market ready (CE marked where required) can be piloted with HIHI. | **Pilot Project**  provides opportunity to pilot a product in a real-world healthcare setting in Ireland or with the relevant target market. |  |
| **Clinical/End-user Evaluation Project**  provides feedback from key stakeholders, such as clinicians or patients generally through focus groups or one-to-one interviews |  |

**Call focus area and needs – please tick all that apply**

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| **Production:** Single-use medical products often involve resource-intensive processes, using plastics and other materials that require significant energy inputs. This results in substantial greenhouse gas emissions. |  |
| **Disposal:** Many healthcare items are designed for single use and create a constant stream of waste. The disposal process, whether it involves incineration (which can release harmful emissions and substances) or landfilling (which leads to issues like leachate, soil contamination, and methane emissions), adds to the environmental and health burden |  |
| **Decontamination:** The combination of processes including cleaning, disinfection and sterilisation used to render reusable invasive medical devices safe for handling by staff and for service users. Effective decontamination of reusable invasive medical devices is an essential component in the prevention of healthcare associated infections. |  |
| **Syringes/sharps** |  |
| **Bottles** |  |
| **Cutlery and crockery** |  |
| **Nappies and sanitary products** |  |
| **Medical textiles, including surgical gowns, theatre drapes, aprons, masks, hats accessories** |  |

**Please provide details of your team**

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| **Please give a brief overview of your team** (250 words max). Key team members and roles, any other relevant information: |

# **Please provide details of regulatory approval and Insurance**

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| **Please give details of all regulatory approvals (e.g., CE marking) and insurances in place for the use of this product in Ireland.** The product must have all appropriate regulatory approvals in place before a pilot project can commence. If approval is currently being applied for, please indicate the expected date of this approval. |

# **Intellectual Property**

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| **Has your product IP has been protected?** Yes / No / In Progress  **Please provide details**:   * if **Yes**, has IP has been protected through: Trademark, Patent, Copyright, Trade Secrets (delete irrelevant terms) * if **In Progress** please provide details: * if **No**, please explain why not |

# Potential Market

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| **Please outline the market potential in Ireland, internationally and list competitive solutions if know**n. (250 words max) |

# Section 1: Assessment criteria - proposal details

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| 1. Provide a description of the *problem* you will solve? (250 words) |
| 1. Provide a description of how your solution solves this problem (illustrate the innovation) (250 words) |
| 1. How will your proposed solution be *scaled* and made *sustainable*? (250 words) |
| 1. Please define your target market and size (250 words) |
| 1. What *resources* are you providing (250 words)? Please note that supported projects must be delivered at no cost to the Healthcare System |
| 1. What will *success* for the Pilot or Evaluation look like, and how will it be *measured*? (250 words) |
| 1. If your solution is already on the market(s) - where? |
| 1. Include a highlight or example(s) of relevant *previous work/research*? (250 Words) |

**Section 2: Assessment criteria - lifecycle inventory analysis and circularity life cycle analysis**

**Please consult the evaluation and selection criteria in the background document and review the useful resources provided, prior to completing the below detail for the separately scored lifecycle inventory analysis and circularity life cycle analysis.**

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| **2.1 Lifecycle inventory analysis** |
| Material Efficiency: (250 Words) or n/a |
| Energy Efficiency: (250 Words) or n/a |
| Waste Minimisation: (250 Words) or n/a |
| Emissions Reduction: (250 Words) or n/a |
| Innovative Decontamination: (250 Words) or n/a |

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| **2.2 Circularity life cycle analysis** |
| Sustainable Sourcing: (250 Words) or n/a |
| Reducing Raw Material Usage: (250 Words) or n/a |
| Durability and Longevity: (250 Words) or n/a |
| Reusability: (250 Words) or n/a |
| Recycling: (250 Words) or n/a |
| Refurbishment: (250 Words) or n/a |

**Personal Data**

Data associated with individual proposal will be shared within HIHI and call partners for evaluation purposes.

**Intellectual Property**

The applicant confirms that they own or have rights to the concept which forms the basis of their proposal. The applicant remains the sole owner of its intellectual property.

The pilot and evaluation concepts will be promoted in the public domain. Where collaborative development takes place, the partners involved shall agree on approach.

**Confidentiality**

By submitting a proposal for this call, the applicant acknowledges that the information provided will be shared and may form part of promotion in the public domain.

Call for Proposals – Term & Conditions

By submitting a proposal (a “**Proposal**”) to the National GreenTech in Healthcare call 2024 (the “Call for Proposals”), you (the “**Participant**”) agree to be bound by these terms and conditions. Promotional materials relating to the Call for Proposals, including all information on how to enter the Call for Proposals and related application forms, also form part of these terms and conditions. In the event of any conflict between any terms referred to in any such promotional materials and these terms and conditions, these terms and conditions take precedence.

1. The promoter of the Call for Proposals is University College Cork – National University of Ireland, Cork (“**UCC**”), lead academic partner of Health Innovation Hub Ireland.
2. Products proposed for a Pilot Project must be market-ready or ready to deploy and have (or will have) all the relevant regulatory approvals in place before the Pilot project commences. Appropriate insurances (Employers Liability, Public Liability and Professional Indemnity) must be in place before commencement of a pilot, where required.
3. Products proposed for a Clinical Evaluation Project generally do not need to have all regulatory approvals in place.
4. Any illegible, incomplete or fraudulent proposals will be rejected.
5. Proposals will be evaluated in accordance with the selection criteria outlined in the Call for Proposals and related promotional materials. The successful Proposals will be selected through a two-stage evaluation process (1) Desk based review of the written application followed by a proposal pitch for shortlisted applicants. Evaluation panels will be comprised of experts selected by the partners and CSAs of the National GreenTech in Healthcare call. The decision of the panel will be final, and no correspondence will be entered into.
6. Participants whose proposals are selected for participation in a pilot or clinical evaluation project will be required to enter into an agreement with UCC in relation to the conduct of the project on terms to be specified by UCC. Failure to enter into such agreement will result in the Proposal being disqualified.
7. Any copyright and other intellectual property rights (“**IP**”) in any Proposal shall, as between the Participant and UCC, remain vested in the Participant but each Participant grants and agrees to grant to UCC a non-exclusive, fully paid-up licence to use any IP in its Proposal for the purposes of considering and evaluating the Proposal. Each Participant represents and warrants that it has all rights necessary to grant the licence provided for in this paragraph 7 and that all materials forming part of its Proposal, and any use of such materials by or on behalf of UCC in evaluating the Proposal, comply with all applicable laws, rules, and regulations and do not infringe or otherwise violate the intellectual property or other rights of any third party.
8. Furthermore, each Participant represents and warrants that it has obtained all rights, licences, and permissions necessary, in writing, from any person who may have helped create and/or be featured in its Proposal and that its Proposal fully complies with these terms and conditions and: (a) is the Participant’s original work and does not include the work of a third party, or if it does include such work that the Participant has obtained all rights, licences, and permissions necessary, in writing; (b) does not include trademarks, logos, or copyright protected material which belongs to third parties without permission; (c) is not subject to any third party agreements and UCC will not be required to pay or incur any sums to any person or entity as a result of its use (as set out in these terms and conditions); (d) does not defame, misrepresent, or contain disparaging remarks or any other content which could adversely affect the name, reputation or goodwill of UCC, the Health Service Executive, ICGP or any other party collaborating in the Health Innovation Hub Ireland Initiative; and (e) does not violate any applicable local state, provincial, national or international law or include any content that would encourage or provide instructions for a criminal offence. UCC reserves the right to disqualify any Proposal if it suspects any breach of these terms and conditions or if it receives any complaint from a third party relating to such Proposal.
9. By submitting a Proposal, the Participant agrees to have its name and entry featured in publicity materials relating to the Call for Proposals without further reference, payment or other compensation. This includes making their name and non-confidential details in relation to their Proposal available to the Health Service Executive, Enterprise Ireland and any other party collaborating in the Health Innovation Hub Ireland initiative.
10. UCC reserves the right to modify, cancel, terminate or suspend the Call for Proposals in whole or in part, at its sole discretion, if it believes the Call for Proposals is not capable of being conducted as specified within these terms and conditions or in the event of any cause that is beyond the reasonable control of UCC that could corrupt or affect the administration, security, impartiality or normal course of the Call for Proposals. UCC shall not be responsible for any condition, circumstances, losses, failures or delays caused by events beyond its control.
11. UCC shall not be responsible for any damage, loss or injury resulting from any Participant's submission of a Proposal or the selection of the Participant’s proposal, or for technical, hardware or software failures, lost, faulty or unavailable network connections or difficulties of any kind that may limit or prohibit the Participant’s ability to participate in the Call for Proposals. UCC will not be responsible for any lost, damaged, defaced, incomplete, illegible or otherwise unreadable entries. Proof of posting is not proof of receipt by UCC of any Proposal. For the avoidance of doubt, nothing in these terms and conditions shall in any way exclude or limit UCC’s liability (a) under the tort of deceit, (b) for death or personal injury caused by any breach of duty or (c) any other liability to the extent that, under applicable law, it cannot be excluded or limited.
12. Any Participant who submits or attempts to submit a Proposal in a manner, which in UCC’s reasonable determination is contrary to these terms and conditions or by its nature is unjust to other participant (including without limitation tampering with the operation of the Call for Proposals, canvassing or any other unfair practices) may be rejected from the Call for Proposals at UCC’s sole discretion.
13. These terms and conditions and any non-contractual obligations arising out of or in connection with them shall be governed and construed by Irish law. The courts of Ireland shall have exclusive jurisdiction to hear any dispute or claim arising out of or in connection with Call for Proposals, these terms and conditions or any related non-contractual obligations and each Participant submits to the exclusive jurisdiction for that purpose.