**UKRI AI Centre For Doctoral Training In Sustainable Understandable Agri-food Systems** Transformed By Artificial INtelligence (SUSTAIN)

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Applications will be reviewed based on the information in the application form below and the support documents provided. Shortlisted candidates will be invited for interview.

Please submit your application form via email, along with the following additional support documents:

* Official transcript(s) of your latest degree.
* Official transcripts(s) of any previous degree(s).
* Current CV.
* Language certification (if applicable).
* Personal statement(s).

Applications should be submitted to the SUSTAIN team via email to [SUSTAIN@lincoln.ac.uk](mailto:SUSTAIN@lincoln.ac.uk).

To complete the below form, click or tap into the indicated areas and enter your text. The text box will expand as required.

Please ensure you complete all sections marked with an asterisk (\*). Failure to do so may result in your application not being shortlisted.

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| **Your details** | | | |
| Full Name \* | | Click or tap here to enter text. | |
| Contact number \* | | Click or tap here to enter text. | |
| Email address \* | | Click or tap here to enter text. | |
| Postal address \* | Address line 1 | | Click or tap here to enter text. |
|  | Address line 2 (optional) | | Click or tap here to enter text. |
|  | City | | Click or tap here to enter text. |
|  | County / State / Province | | Click or tap here to enter text. |
|  | Country | | Click or tap here to enter text. |
|  | Postcode/Zip | | Click or tap here to enter text. |
| Where did you hear about this studentship? \* | | Choose an item. | |
|  | | If you selected ‘other’, please specify.  Click or tap here to enter text. | |
| Are you a UK national? \* | | Choose an item. | |

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| **International Students**  Please complete this section if you answered ‘No’ to the above question ‘Are you UK national?’  As an international student, the below information will be used to ensure we are able to assess your studentship eligibility.  Sections marked with an asterisks (\*) within this section are only required for international students. | | | | | |
| Country of nationality \* | | | Click or tap here to enter text. | | |
| Country of birth (if different from above) | | | Click or tap here to enter text. | | |
| Do you have permanent residency in the UK? \* | | | Choose an item. | | |
|  | If yes \* | Date of entry to the UK | | Click or tap to enter a date. | |
|  |  | For what purpose do you reside in the UK? | | Choose an item. | |
|  |  |  | | If you selected ‘other’, please specify.  Click or tap here to enter text. | |
|  | If no \* | Country of permanent residence | | Click or tap here to enter text. | |
| Do you have an in-date English language qualification? | | | Choose an item. | | |
| *If you do not have an in-date English language qualification, you may be offered a place with the SUSTAIN CDT on the condition of a successful qualification.* | | | | | |
|  | If yes | Language qualification held (e.g. IELTS, PTE, GCSE) | | | Click or tap here to enter text. |
|  |  | Please provide your score | | | Click or tap here to enter text. |
|  |  | *Please include a copy of your English language certificate in your submission if possible.* | | | |
| Do you require a Visa to study in the UK? \* | | | Choose an item. | | |
| Have you previously studied in the UK? \* | | | Choose an item. | | |

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| **Your study preferences** | |
| How would you like to study this programme? \* | Choose an item. |
| Future Aspirations  *Students benefit from an ongoing, integrated, research training programme throughout the CDT programme. Please provide information regarding how you see your career progressing (taking into consideration any training you may wish to undertake). There is no correct answer to this question, but it helps us to design the training to meet your needs.* | |
| Click or tap here to enter text. | |
| **Please indicate the projects you would like to apply for** \*  You can apply for up to three SUSTAIN projects. For those projects selected, please indicate your order of preference (i.e., 1st choice, 2nd choice, 3rd choice). Please include a separate personal statement, relevant to each application you indicate you wish to apply for, in your submission.  *Please ensure that you do not include any identifying data (such as name, gender, age etc) within your personal statement.*  *In your statement you should*   1. *Describe the reasons for your choice to apply to the SUSTAIN CDT and why this is important to you. Please also explain why you think you are a suitable candidate for the CDT, and how your choice to apply to the CDT fits with your future career plans.* 2. *Outline the reasons for your choice to apply to your selected project and why you think you will be a suitable candidate for that project**.* 3. *Outline your specific research interests (e.g., computing and engineering, machine learning, neurosymbolic AI, food systems and sustainability, animal welfare, digital technologies, policy), as well as specific research skills or experience, qualitative or statistical techniques, previous research training, the completion of independent research projects.* | |
| |  |  |  | | --- | --- | --- | |  | **Project title** | **Preference (1st/2nd/3rd)** | |  | **Project S1105** (Development of a milk (mid-infrared) MIR Spectral deep learning neural network as a classifier model for GHG emission profiles in dairy cattle – Prof Craig Michie – University of Strathclyde) | Choose an item. | |  | **Project S1108** (Novel Applications of Artificial Intelligence Technologies in Veterinary Ultrasound Scanners – Dr Christos Tachtatzis – University of Strathclyde) | Choose an item. | |  | **Project L1211** (Integrated analyses to promote sustainable soil health (SUSTAINable soils) – Prof Mat Goddard – University of Lincoln) | Choose an item. | |  | **Project Q1212** (Flavour-centric Innovation for Cultivated Meat: Bridging the Sensory Gap in Cellular Agriculture – Dr Tassos Koidis – Queen’s University Belfast) | Choose an item. | |  | **Project S1213** (Towards sustainable net-zero farming using machine learning – Dr Vladimir Stankovic – University of Strathclyde) | Choose an item. | |  | **Project Q1214** (Food Authentication Using Portable Sensors: Addressing Food Fraud and Food Mislabelling – Prof Hui Wang – Queen’s University Belfast) | Choose an item. | |  | **Project S1215** (Artificial Intelligence for Satellite Assessment in Grassland Ecosystems (AI-SAGE) – Dr Robert Atkinson – University of Strathclyde) | Choose an item. | |  | **Project L1216** (Understanding Multi-Objective Optimisation Algorithms for Land Use – Dr Daniel Magnone – University of Lincoln) | Choose an item. | |  | **Project Q1217** (Machine Learning and Bayesian Modelling Approaches for Big Data in Beef Agriculture & Food Production – Dr Arran Hodgkinson – Queen’s University Belfast) | Choose an item. | |  | **Project L1218** (Service Robots Interventions Promoting More Sustainable Buyers’ Choices in Supermarkets – Dr Francesco Del Duchetto - University of Lincoln) | Choose an item. | | |

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| **Qualifications**  *Please provide details of your academic qualifications in this section.*  *It is sufficient to provide details of your First Degree (or equivalent qualification), and if applicable, your postgraduate qualifications.*  *You should list your qualifications in order in which you obtained them (i.e. Bachelor degree, then postgraduate degree).* | | |
| Qualification 1 | Qualification level | Choose an item. |
|  | Qualification type *(e.g., MSc, BSc, BEng, MChem)* | Click or tap here to enter text. |
|  | Qualification subject | Click or tap here to enter text. |
|  | Please detail all modules completed as part of this qualification and include the marks achieved | Click or tap here to enter text. |
|  | Please detail any projects undertaken as part of this qualification | Click or tap here to enter text. |
|  | Date of award, or expected award *(MM/YYYY)* | Click or tap here to enter text. |
|  | Overall class achieved. *(e.g., upper second class honours, distinction). If currently studying, please enter ‘Predicted’ and then your predicted grade* | Click or tap here to enter text. |
| Qualification 2 | Qualification level | Choose an item. |
|  | Qualification type *(e.g., MSc, BSc, BEng, MChem)* | Click or tap here to enter text. |
|  | Qualification subject | Click or tap here to enter text. |
|  | Please detail all modules completed as part of this qualification and include the marks achieved | Click or tap here to enter text. |
|  | Please detail any projects undertaken as part of this qualification | Click or tap here to enter text. |
|  | Date of award, or expected award *(MM/YYYY)* | Click or tap here to enter text. |
|  | Overall class achieved. *(e.g., upper second-class honours, distinction). If currently studying, please enter ‘Predicted’ and then your predicted grade* | Click or tap here to enter text. |
| Other Qualifications:  Please enter details of any other qualifications you wish to make us aware of.  *You can also use this space to detail any mitigating circumstances which may have affected the qualifications detailed above.*  Click or tap here to enter text. | | |
| Other outputs  Tell us about your major outputs.  *E.g., articles in professional or academic journals, presentations or papers at professional and academic conferences, any other publications, patents, products, etc. These outputs can also include evidence of project work undertaken so as to demonstrate transferable skills from a non-academic background.*  Click or tap here to enter text. | | |

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| **Work Experience**  *Please provide details of your relevant work experience in this section.*  *Relevant work experience can help support your application.*  *You should list your work experience in reverse chronological order (i.e., most recent first).* | | |
| Work experience 1 | Job title / position | Click or tap here to enter text. |
|  | Name of employer | Click or tap here to enter text. |
|  | Please give a brief description of the role | Click or tap here to enter text. |
|  | Date employed from *(MM/YYYY)* | Click or tap here to enter text. |
|  | Date employed to *(MM/YYYY)* | Click or tap here to enter text. |
| Work experience 2 | Job title / position | Click or tap here to enter text. |
|  | Name of employer | Click or tap here to enter text. |
|  | Please give a brief description of the role | Click or tap here to enter text. |
|  | Date employed from *(MM/YYYY)* | Click or tap here to enter text. |
|  | Date employed to *(MM/YYYY)* | Click or tap here to enter text. |
| Other work experience  Please enter details of any other work experience you wish to make us aware of.  *You can also use this space to detail any mitigating circumstances which may have meant you have not had the opportunity to access relevant work experience.*  Click or tap here to enter text. | | |

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| **References** | | | |
| Please provide the names and email addresses for two referees (including at least one academic) and briefly state their relationship to you | | | |
| Referee 1 \* | | Name | Click or tap here to enter text. |
|  |  | Email address | Click or tap here to enter text. |
|  |  | Relationship to you | Click or tap here to enter text. |
| Referee 2 \* | | Name | Click or tap here to enter text. |
| Email address | Click or tap here to enter text. |
|  |  | Relationship to you | Click or tap here to enter text. |

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| **Diversity Monitoring**  *As part of UKRI’s equality, diversity, and inclusion (EDI) strategy, we need to monitor the diversity of our applicants. This data will be treated in complete confidence and will be removed from the application form prior to the selection process****.*** | | | |
| What is your date of birth? | Click or tap to enter a date. | | |
| What is your sex? | Choose an item. | | |
| How would you best describe your gender identity? | Choose an item. | | |
|  | If you selected ‘in another way’, please specify (if you wish)  Click or tap here to enter text. | | |
| How would you describe your sexual orientation? | Choose an item. | | |
|  | If you selected ‘in another way’, please specify (if you wish)  Click or tap here to enter text. | | |
| How would you describe your ethnicity or ethnic background? | Choose an item. | | |
|  | If any other ethnic background, please specify (if you wish)  Click or tap here to enter text. | | |
| What is your religion or belief? (select all that apply) | Choose an item. | | |
|  | If any other religion or belief, please specify (if you wish)  Click or tap here to enter text. | | |
| Do you have an impairment, health condition or learning difference which has a substantial or long-term impact on your ability to carry out day-to-day activities? | | | Choose an item. |
|  | | | If yes, please specify (if you wish)  Click or tap here to enter text. |
| Do you have any caring responsibilities for a child/children and/or another adult/s? | | Choose an item. | |

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| **Privacy Statement** |
| By submitting this form you are agreeing to our Privacy Statement, which can be viewed below. Please check the below box to confirm you have read and understood the Privacy Statement \*    [University of Lincoln Privacy Policy](https://www.lincoln.ac.uk/home/abouttheuniversity/governance/universitypolicies/websiteandpublicationsinformationliability/) |