Student Proposed Living Lab Project Brief – **\*insert general title of project area\***

*Please ensure to complete all fields with an \**

Description of the paper

This paper provides a brief overview of a potential project that could usefully inform the SRS Department’s work.

This paper is a template for a potential **\*UG/PGT \* dissertation** Living Lab project that a student would like to propose.  The question and research is intended to inform and/or make recommendations to the SRS Department’s work areas and should not exceed **\*400/600\*** hours.  It should also align with one or more of the Sustainable Development Goals (see below for more context).

# Student Proposing Project\* (name, degree program, email)

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# Proposed SRS supervisor, *if known, SRS can assign this later if not*. (name, role)

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# Proposed Academic supervisor, *if known, school may be able to assign later if not.* (name, role)

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# The Vision for Change\*

**\*Describe change you envision could come about within or beyond the University from this work.\*** *Knowing this now will help it to be implemented at a later date.*

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# Draft research question\*

**\*Aim for roughly a one line question.\***

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# Background\*

**\*Provide some background to the project by explaining your interest in the research from an academic and personal perspective and please illustrate its intended value to SRS by providing some web links to relevant university webpages including an SRS strategy that is in line with this project.\***

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# Objectives\*

**\*Include 3-5 objectives. Examples are provided, these can be edited partly or completely\***

* Identify and highlight key SDG issues related to **\*insert text\*** to highlight the problem.
* Identify and assess alternative solutions in relation to **\*insert text\***
* Assess the practical implications of **\*insert text\*.** Will there be any significant cost or operational implications?
* Make recommendations to the University regarding any options recommended within the project.
* Identify how the project or recommendations could be replicable across other universities around the globe e.g. the Global South, to ensure solutions are deliverable where they are needed most/in the shortest amount of time.

# Data set provision

**\*Use the table below to state where and what type of data would be relevant for this research.  If the data needs to be generated, sourced from elsewhere or other colleagues, please state this.\***

*Research data may be available from the publicly available Data Library found here:*

<https://www.ed.ac.uk/sustainability/programmes-and-projects/student-leadership-for-sustainability/living-lab-projects/sdg-data-library>

|  |  |
| --- | --- |
| Data needed for this project (delete as appropriate) | Data sets available from and contact information (delete as appropriate) |
| \*e.g. Carbon reporting, staff survey, purchase etc\* | \*Insert a website or contact name and email\* |
| \*e.g. Surveys\* | \*To be completed as part of the project\* |
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# Secondary Output

The project write up or dissertation will be the researcher's own piece of research. They will decide what they think the results show and draw their own conclusion ensuring it meets academic requirement of their dissertation. An additional **secondary output** is required of all SRS living lab dissertation projects. This output will be shared with colleagues within and out with SRS, so that we can try to make operations changes based on the researchers recommendations.

**\*Use the table below to state what type of secondary output you might like to produce using your research.\*** *This is not an academic piece of work. Therefore this can be an opportunity to try something new and add a new skill to your CV. Please note this output should be open to change throughout the project.*

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| Output format | Insert not applicable or Yes (with further detail) |
| Presentation to a number of stakeholders |  |
| Mixed media resource for reuse |  |
| Report with operational recommendations |  |
| Resources for staff/student behaviour change |  |
| Resources for staff/student training |  |
| \*Other, please specify\* |  |

# Transformational change with the SDGs

The Sustainable Development Goals showcase 17 things humanity must do to ensure peace and prosperity for people and the planet, now and into the future.

**\*Use the table below to mark which main SDG this project is relevant for and up to 3 SDG sub-themes that this project works towards.\***

*The information in this table was obtained with permission from the UN sustainable goals website,* [*https://www.un.org/sustainabledevelopment/sustainable-development-goals/*](https://www.un.org/sustainabledevelopment/sustainable-development-goals/)

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| The Sustainable Development Goals for 2030 | Yes (x), sub-SDG (s) | | The Sustainable Development Goals for 2030 | Yes(x), sub-SDG (s) |
| Economic growth must be inclusive to provide sustainable jobs and promote equality. |  | **The food and agriculture sector offers key solutions for development, and is central for hunger and poverty eradication.** | |  |
| Ensuring healthy lives and promoting the well-being for all at all ages is essential to sustainable development. |  | **Obtaining a quality educations is the foundation o improving people’s lives and sustainable development.** | |  |
| Gender equality is not only a fundamental human right, but a necessary foundation for peaceful, prosperous and sustainable world. |  | **Clean, accessible water for all is an essential part of the world we want to live in.** | |  |
| Energy is central to nearly every major challenge and opportunity. |  | **Sustainable economic growth will require societies to create the conditions that allow people to have quality jobs.** | |  |
| Investments in infrastructure are crucial to achieving sustainable development. |  | **To reduce inequalities, policies should be universal in principle paying attention to the needs of disadvantaged and marginalised populations.** | |  |
| There needs to be a future in which cities provide opportunities for all, with access to basic services, energy, housing, transport & more. |  | **It’s about doing more and better with less and decoupling economic growth from environmental degradation.** | |  |
| Climate change is a global challenge that affects everyone, everywhere. |  | **Careful management of this essential global resource is a key feature of a sustainable future.** | |  |
| Sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss. |  | **Access to justice for all, and building effective, accountable institutions at all levels.** | |  |
| Revitalise the global partnership for sustainable development. |  |

# Contribution to The University of Edinburgh Strategy

To deliver Social and Civic Responsibility at the University of Edinburgh as part of it’s Strategy 2030, we have chosen three strategic objectives and one cross-cutting theme outlined in the table below.

*The Social and Civic Responsibility Delivery Plan can be found here:*

<https://www.ed.ac.uk/files/atoms/files/social_and_civic_responsibility_delivery_plan_2020.pdf>

*Strategy 2030 can be found here:*

<https://www.ed.ac.uk/about/strategy-2030>

**\*Use the table below to mark which Social and Civic Responsibility** **2030 objectives this project is relevant for how this project works towards those objectives.\***

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| Social and Civic Responsibility Delivery Plan – Objectives and one cross-cutting theme | Briefly describe the project’s link to the objectives, how it is relevant and how this project works towards those objectives. |
| We will become a zero carbon and  zero waste university - Increasing opportunities and raising aspirations by making education and employment an achievable goal for more people in Scotland and globally. |  |
| We will widen participation in higher education and support inclusion - Increasing opportunities and raising aspirations by making education and employment an achievable goal for more people in Scotland and globally. |  |
| We will work together with local communities - to contribute to improve the lives of people across the Edinburgh City Region and beyond. |  |
| Cross cutting theme: In our operations, research and teaching we will engage critically with, and contribute to the Sustainable Development Goals - including the promotion, protection and respect for human rights. |  |

Once you have completed this form, please email it to the SRS Project Coordinator for Living Labs and the Sustainable Development Goals [lpatters@ed.ac.uk](mailto:lpatters@ed.ac.uk) .