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## LIFELINE and DIT students of various disciplines

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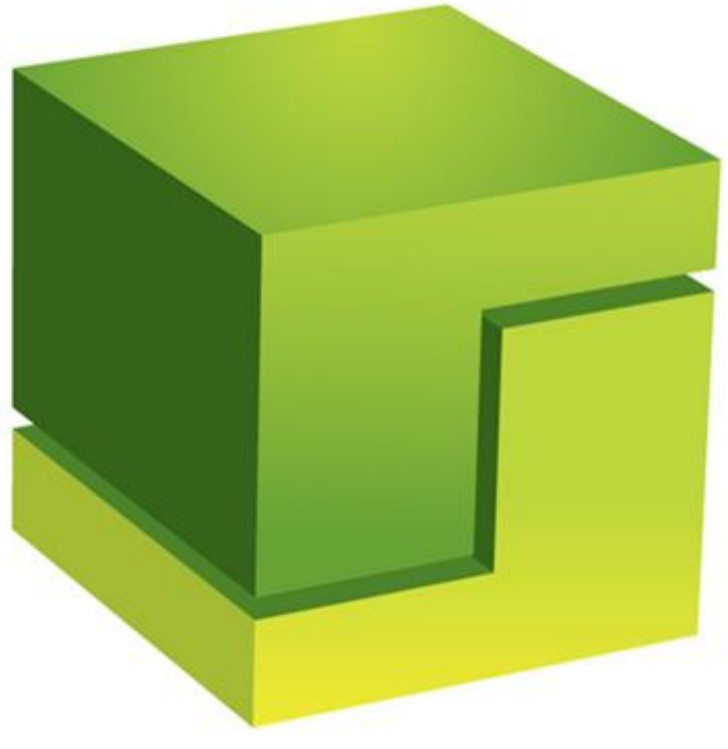
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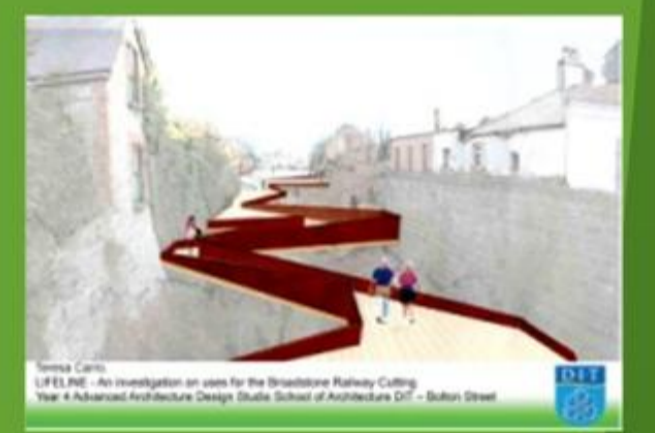


students learning with communities



Students Learning with Communities

# LIFELINE and DIT students of various disciplines



## The LIFELINE

The LIFELINE is a community-led project (founded by local resident Kaethe Burt O’Dea) exploring the potential for transitional land use in the Grangegorman area of Dublin. The inspiration for LIFELINE is a disused industrial heritage site (the Broadstone railway cutting) and the project aims to stimulate public awareness and be a catalyst for the development of a network of green infrastructure in the central north-west area of the city. The project engages in collaborative action inquiry to explore new models of inner-city living, preventative healthcare strategies, urban agriculture, zero waste strategies, enhancing biodiversity and eco-literacy.

## DIT Involvement

Since 2009 the Programme for Students Learning With Communities has been supporting DIT staff and students in participating in LIFELINE research, in the following disciplines :

- Social Science and Media (PhD)
- Sustainable Development (MSc)
- Spatial Planning (MSc)
- Spatial Planning and Environmental Management (BSc)
- Medicinal Chemistry and Pharmaceutical Science (BSc)
- Architecture (B Arch)
- Visual Communications (BSc)
- Nutraceuticals for Health and Nutrition (BSc)
- Human Nutrition and Dietetics (BSc)
- Manufacturing and Design Engineering (BSc)
- Computing (MSc Knowledge Management)

## Examples of projects

- Nutraceuticals students are investigating the beneficial health properties of Japanese knotweed, with a view to harvesting it from local green areas and developing a product for health-related use.
- Computing students researched and produced a conceptual map of the Lifeline project and are working to develop a software system that will allow knowledge management and sharing among the many project participants.
- Human Nutrition and Dietetics students researched the relationship between community gardening and consumption of fruit and vegetables.
- Manufacturing and Design Engineering students researched, designed and developed an aquaponics system to sustain fish and plants together in a local community garden.
- Medicinal Chemistry and Pharmaceutical Science students are conducting a long-term study of soil quality on the Grangegorman site.

## Get Involved

Whether you are a staff member interested in getting your students involved, or if you are a student looking for a project topic, please contact the Programme for Students Learning With Communities at [slwc@dit.ie](mailto:slwc@dit.ie) and we can discuss your ideas.

