

How to integrate community and estate projects in your teaching.

TILT Education for Sustainable Futures Group (chaired by Dr Petra Molthan-Hill)

5 July 2016

Annual Learning and Teaching Conference 2016

Estate Case Studies as Learning Resources

Please complete form and email to Food4Thought@NTU.ac.uk. Any queries please contact the Green Academy on the same email address.

Which of the Sustainable Development Goals does this relate to?
(tick all that are relevant, or leave for Green Academy to complete if unsure)

<input checked="" type="checkbox"/> 1 NO POVERTY	<input checked="" type="checkbox"/> 2 ZERO HUNGER	<input checked="" type="checkbox"/> 3 GOOD HEALTH AND WELL-BEING	<input type="checkbox"/> 4 QUALITY EDUCATION	<input type="checkbox"/> 5 GENDER EQUALITY	<input type="checkbox"/> 6 CLEAN WATER AND SANITATION
<input type="checkbox"/> 7 AFFORDABLE AND CLEAN ENERGY	<input type="checkbox"/> 8 DECENT WORK AND ECONOMIC GROWTH	<input type="checkbox"/> 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	<input checked="" type="checkbox"/> 10 REDUCED INEQUALITIES	<input checked="" type="checkbox"/> 11 SUSTAINABLE CITIES AND COMMUNITIES	<input checked="" type="checkbox"/> 12 RESPONSIBLE CONSUMPTION AND PRODUCTION
<input checked="" type="checkbox"/> 13 CLIMATE ACTION	<input checked="" type="checkbox"/> 14 LIFE BELOW WATER	<input checked="" type="checkbox"/> 15 LIFE ON LAND	<input type="checkbox"/> 16 PEACE, JUSTICE AND STRONG INSTITUTIONS	<input type="checkbox"/> 17 PARTNERSHIPS FOR THE GOALS	

Project Summary:

Project title: Sustainable Catering

Summary of activities:
Embed sustainability in the food and drink offering in all NTU owned cafes and refectories. NTU has held Fairtrade status since 2008, and the first Sustainable Food Policy was published in 2011, driven by the People and Planet Green League. Commitment in the Catering team was a driving force in pushing forward sustainable catering at NTU. Catering has wide reaching impacts and is able to address sustainability issues in a number of areas including energy use, transport, sustainable sourcing and community partnerships.

See page 2 for more details about the project and a list of data/drawings available.

Contact details for project:

Contact name: Ivan Hopkins

Email address: Ivan.hopkins@ntu.ac.uk

Especially suitable for: *(tick all that are relevant, or leave for Green Academy to complete if unsure)*

<input checked="" type="checkbox"/> School of Animal, Rural and Environmental Science	<input checked="" type="checkbox"/> Nottingham Business School
<input type="checkbox"/> School of Architecture Design and Built Environment	<input type="checkbox"/> Nottingham Law School
<input type="checkbox"/> School of Art and Design	<input checked="" type="checkbox"/> School of Science and Technology
<input type="checkbox"/> School of Art and Humanities	<input checked="" type="checkbox"/> School of Social Sciences
<input type="checkbox"/> School of Education	

Teaching Ideas: *(to be completed by the Green Academy):*

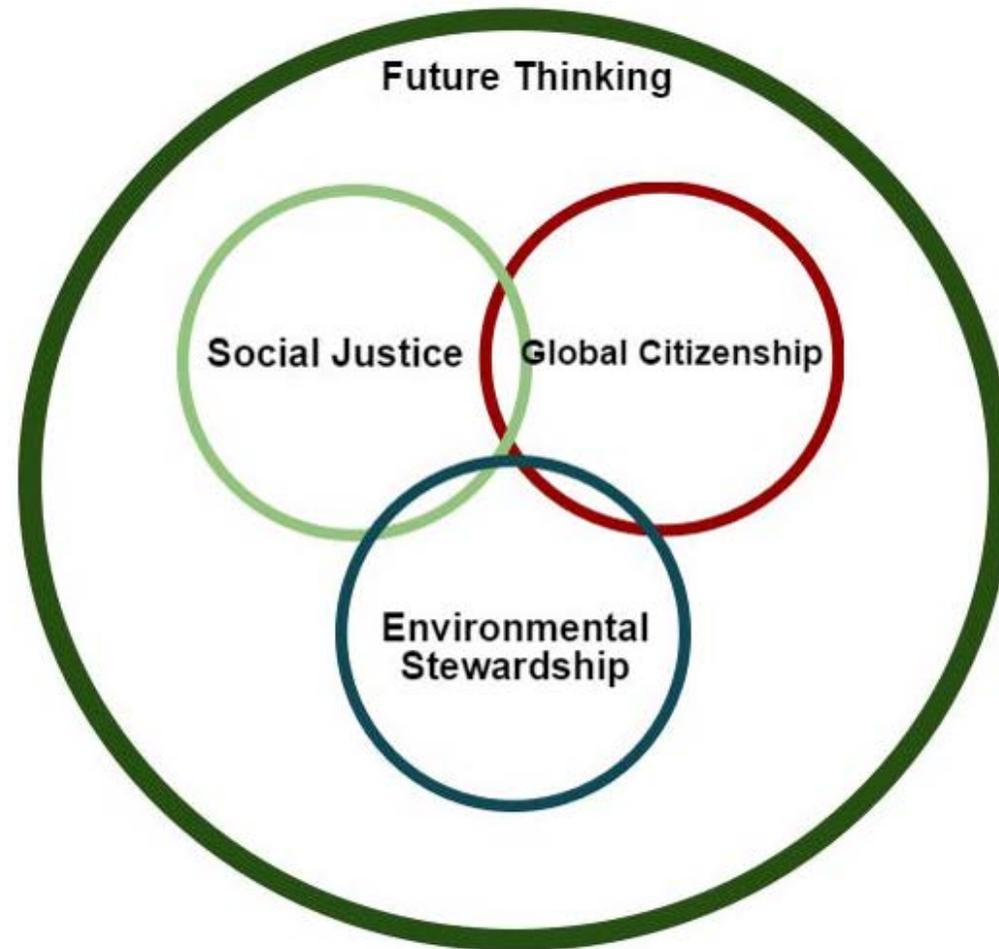
Session Outcomes

- An introduction to the newly created Community and Estate Case Studies
- Ideas about how to embed them in your course/module: specifically addressing F1 of Curriculum Refresh but also F2-F7 and other actions for example employability.
- An opportunity to share your good practice with - if you have any ideas for projects that are not yet featured in the case studies please let us know.

Curriculum Refresh Framework Overview

Action	ES404 We will continue to be recognised as a leading exemplar of an environmentally responsible and sustainable organisation.
Ref	Item
F1	Students explore how aspects of the discipline contribute to one or more of the Sustainable Development Goals. The course provides opportunities for students to explore the potential of their discipline to interconnect with other disciplines or areas of expertise and make creative leaps forward. (Knowledge and understanding)
F2	The course examines relationships between environmental, social and economic systems from local to global level. (Knowledge and understanding)
F3	Leadership for sustainable development is encouraged through challenging assumptions and negotiating alternatives to unsustainable current practices, especially within the student's own discipline. (Skills)
F4	The course encourages systems thinking in terms of recognising connections and interactions between factors, and understanding that actions often have multiple consequences. (Skills)
F5	The course encourages commitment to lifelong learning about adapting to future challenges of meeting social and environmental responsibilities. (Attributes)
F6	The course facilitates and supports dialogue and debate on critical issues related to global social responsibility within the wider sustainability agenda, fostering respect for different values and world views. (Attributes)
F7	The course encourages the capacity for independent, evidence-based integrated thinking as the foundation for developing their personal ethical code. (Attributes)

Future Thinking Framework



The Sustainable Development Goals



ESD Future Thinking Learning Room

<https://now.ntu.ac.uk/d2l/home/316872>

Education for Sustainable Development: Future Thinking Learning Room

Enabling us to be an environmentally responsible and sustainable organisation

Welcome! This learning room is to support staff in fulfilling the Education for Sustainable Development - Future Thinking section of Curriculum Refresh. Here you will find a variety of teaching resources and guidelines within the remit.

There are different ways you can use this learning room: **to access the Curriculum Refresh Resources click here.** Alternatively you can explore this homepage to access resources via School or by Sustainable Development Goal.

Retraining and re-orientating the curriculum in the light of the Strategic Plan

Sign up today for one of the Green Academy Staff Development Events!

Please note that more resources will be added in time, so remember to check back for new material!

NOTTINGHAM TRENT UNIVERSITY TILT

ESD - Future Thinking | The SDGs | Access the resources

If you want to read more about the idea of Education for Sustainable Development and how it is linked to Curriculum Refresh click the logo below.



Click here for Curriculum Refresh Criteria

The 17 United Nations Sustainable Development Goals are part of the new Agenda 2030 aiming to end poverty, protect the planet and ensure prosperity for all.

Click the button below to find out more and to access teaching resources for each of the goals.



HELP! |

Do you need guidance on how to use this learning room or are you stuck with how to proceed regarding Curriculum Refresh?

The Green Academy are here to help!

Click here if you are from ADBE, Arts & Humanities, NLS, School of Education or Social Sciences.

Click here if you are from ARES, Art & Design, NBS or Science and Technology.

Anyone else click here.

Resource Upload Point |

Have a resource you want to share? Upload it via Dropbox and we will add it to the resource library.

Upload Resources

Research |

Do you have some interesting research in this area that could be transformed into teaching material?

Or do you need help with your research?

Click here to let us know

Sustainability in Practice |

The Green Academy offer a free online course called the Sustainability in Practice Certificate. It gives students and staff the opportunity to explore the global challenge of food production and consumption from a personal and course perspective.

News |

New ESD Learning Room is Launched!

Posted 22 March, 2016 1:20 PM

We would love to get your feedback on the re-design of this learning room. Email us your thoughts at food4thought@ntu.ac.uk. We will be continually adding new resources and guidance for Curriculum Refresh.

Twitter Feed |

Tweets by @NTUash11haugh

NTU Food for Thought @NTUash11haugh

Canada 98765 - visit see the...

Welcome to the School Resources!

Click on a school below to find resources relating to your subject area.

Don't forget resources from other schools could be useful to get a multidisciplinary approach to sustainable development!



The Case Studies:

- 24 newly created case studies relating to NTU based projects that have been designed for teaching purposes.
- Community volunteering projects
- Innovative environmental work happening on the NTU estate.
- Multi-disciplinary.
- Linked to the SDGs.
- A new way of embedding sustainability into the curriculum.
- Connect the 'subliminal' curriculum to the formal one.

Estate Case Studies as Learning Resources



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| <input type="checkbox"/> School of Education | |

Teaching Ideas: (to be completed by the Green Academy):

dinner!



- Teaches students to cook using surplus food from supermarkets, to offer affordable meals to other students at social dining events on campus.
- Provides students with practical enterprise and entrepreneurship experience.
- Develops the health activity and fitness of local communities.
- Dr Kirsty Hunter: BSc (Hons) Exercise, Nutrition and Health

Foodshare



- Foodshare is a national not-for-profit, volunteer-powered charity.
- Connects growers (schools, allotments, community and kitchen gardeners) with local charities. Ours is Emmanuel House!
- Benefits of volunteering outside include; stress-relief, self-esteem, physical and mental health, making friends, learn a new skill and its FUN!
- Students on the Early Years strand of the BA (Hons) Primary Education had 5 one-hour sessions learning practical skills at the allotment.

How could I use these case studies in my teaching? (10 mins)

- Write your ideas on the flipchart paper provided.
- Alternatively you can add your ideas to the Padlet: (<https://padlet.com/food4thought/ESDALTC>)
- For example: 'The Heart of Campus' case study could be used to teach about sustainable design...

Contacts:

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- Lina Erlandsson: lina.erlandsson@ntu.ac.uk

(ESD Officer for ADBE, School of Education, School of Arts and Humanities, NLS and School of Social Sciences.)

- Jess Willats: jessica.willats@ntu.ac.uk

(ESD Officer for ARES, School of Art and Design, NBS and School of Science and Technology).