



21st ANNUAL CONFERENCE  
28-30 MARCH 2017  
 GLOBAL GOALS:  
LOCAL ACTION



# Creating the University of the Future: NTU and the Global Goals

Dr Petra Molthan-Hill and Lina Erlandsson, NTU Green Academy



Headline Sponsor

**CarbonCredentials**



# The Journey to Curriculum Refresh

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Do you want **simple, time-saving** solutions on how to embed the **SDGs** in teaching and learning?

Our ideas are designed to help Academics integrate themes relating to the SDGs in a simple yet efficient way, including:

- An online resource library...
- Community and Estate case studies...
- Ideas for staff development sessions..

# The Journey to Curriculum Refresh



- **28,500** Students
- **4** Campuses
- **8** Academic Schools
- **2,600** International Students
- **4,250** Postgraduate students



# The Journey to Curriculum Refresh



**Responsible  
Futures**

Accredited institution



# The Journey to Curriculum Refresh



Greening the Curriculum → Sustainability Action Forum

Food for Thought → Green Academy







# The Journey to Curriculum Refresh

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**Creating**  
the university of  
**the future**



Strategic Plan launched in 2015



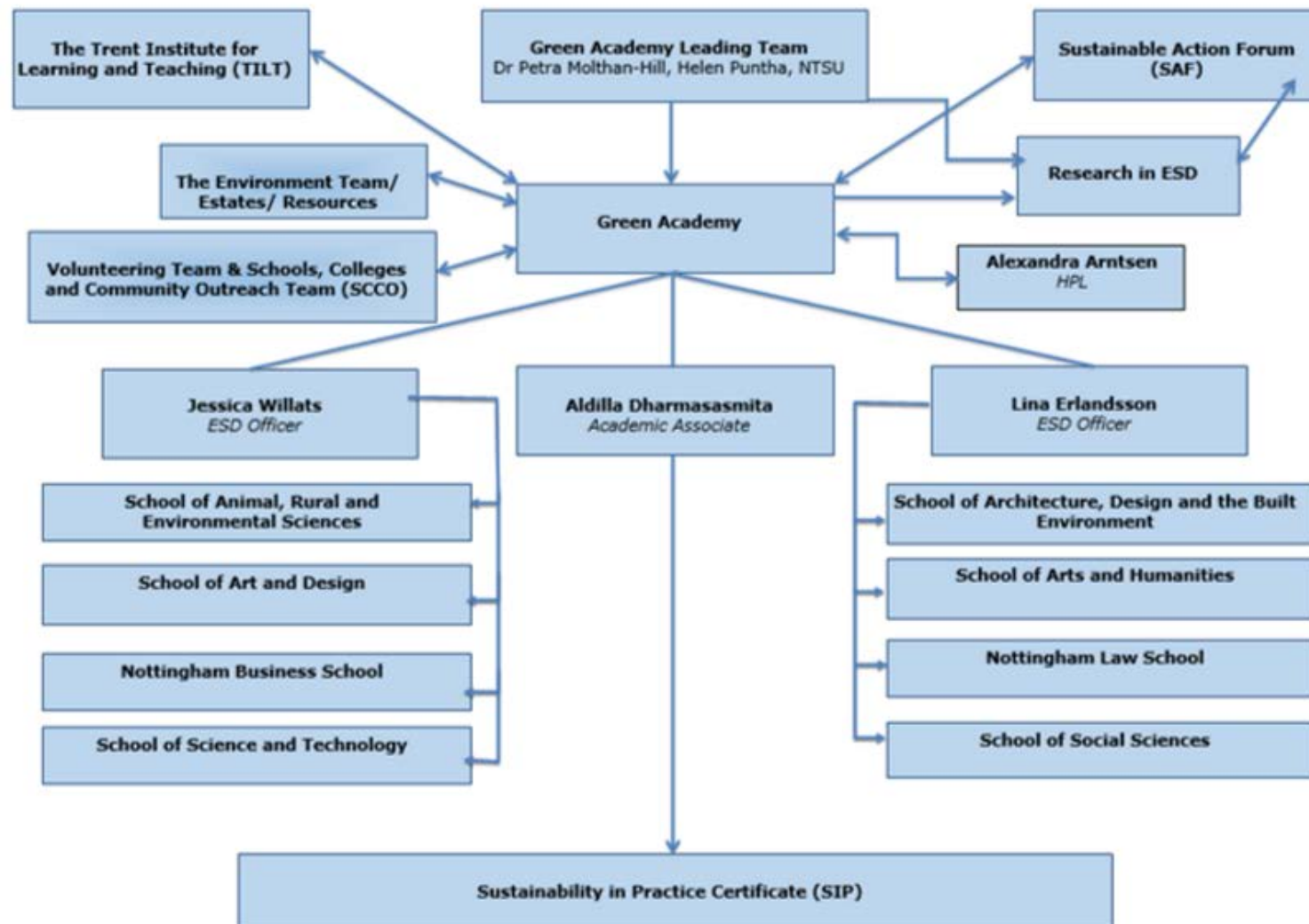
# The Journey to Curriculum Refresh



**Curriculum Refresh** **CREATING**  
THE UNIVERSITY OF  
THE FUTURE



# The Journey to Curriculum Refresh





# The Journey to Curriculum Refresh



## The Future Thinking Learning Room

**NOW**  
NTU ONLINE WORKSPACE

Education for Sustainable Development: Future Thinking Learning Room

Edit Room Help

Education for Sustainable Development: Future Thinking Learning Room

Enabling us to be an environmentally responsible and sustainable organisation

**Curriculum Refresh** **CREATING THE UNIVERSITY OF THE FUTURE**

**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.

Sign up today for one of the **Green Academy Events** today!

Our next **Sustainability Curriculum Refresh Workshop** is on **23rd February, 1pm-3pm** in Clifton. Email [GreenAcademy@ntu.ac.uk](mailto:GreenAcademy@ntu.ac.uk) to sign up!

Or have a look at the **ideas shared by staff during our previous Curriculum Refresh Workshops**.

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

**NOW**  
NTU ONLINE WORKSPACE

Education for Sustainable Development: Future Thinking Learning Room

Edit Room Help

Search Topics Sustainable Development Goals

Add dates and restrictions... Published

**The United Nations Sustainable Development Goals**

The United Nations Sustainable Development Goals are 17 global goals that replaced the Millennium Development Goals in September 2015. These goals are a part of the United Nation's new Sustainable Development Agenda and aim to end poverty, protect the planet and ensure prosperity for all. Each goal has specific targets to be achieved over the next 15 years.

Watch this video to get an overview of the goals and what each of them stands for.

**'We The People' for The Global Goals**

**We the People**

**For The Global Goals**

Click on the goal you are interested in to access teaching materials relating to that goal.

Unsure of where to start? Try this fun quiz to help you find your way into the goals through your own personal interests... [Take the Quiz!](#)

The sidebar contains a 'Table of Contents' section with the following items: 'What is Future Thinking?', 'Future Thinking and Curriculum Refresh', 'Schools', 'Sustainable Development Goals' (highlighted), '1. No Poverty', '2. Zero Hunger', '3. Good Health and Well-Being', and '4. Quality Education for All'.



# The Journey to Curriculum Refresh



## Community and Estate Case Studies

### Estate Case Studies as Learning Resources



Please complete form and email to [FoodThought@NTU.ac.uk](mailto:FoodThought@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)

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

#### Project Summary:

Project title:

Summary of activities:

#### Contact details for project:

Contact name:

Email address:

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

- |  |   |
|--|---|
| <input type="checkbox"/> School of Animal, Rural and Environmental Science   | <input 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 type="checkbox"/> School of Science and Technology |
| <input type="checkbox"/> School of Art and Humanities                        | <input type="checkbox"/> School of Social Sciences        |
| <input type="checkbox"/> School of Education                                 |   |

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

### Community Case Studies as Learning Resources



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| <input type="checkbox"/> School of Art and Design                            | <input type="checkbox"/> School of Science and Technology |
| <input type="checkbox"/> School of Art and Humanities                        | <input type="checkbox"/> School of Social Sciences        |
| <input type="checkbox"/> School of Education                                 |   |

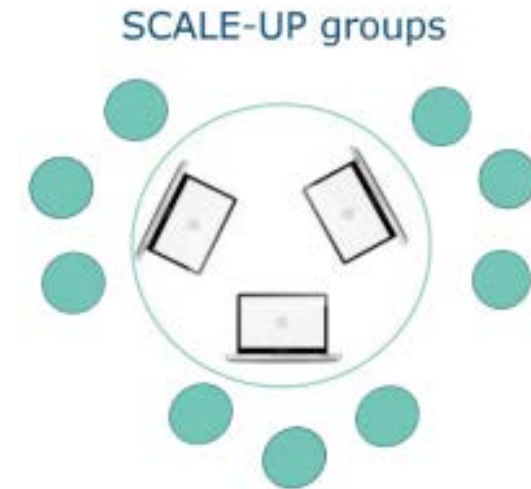
Teaching Ideas: (to be completed by the Green Academy):



# The Journey to Curriculum Refresh



- Staff development workshops offered on a monthly basis
- Measuring impact through baseline and feedback surveys
- Very positive feedback from participants!



**THE GLOBAL GOALS**  
For Sustainable Development

# The Journey to Curriculum Refresh



What is already happening?

Capturing pockets of good practice

**Capturing your sustainability examples**  
Please complete form and email to [louise.woolley@ntu.ac.uk](mailto:louise.woolley@ntu.ac.uk).

**Module title:**  
Set out your example below:

**Context (tick or highlight all that are relevant)**

Level of study	Type
<input type="checkbox"/> Undergraduate year 1 (level 4)	<input type="checkbox"/> case study used in your teaching
<input type="checkbox"/> Undergraduate year 2 (level 5)	<input type="checkbox"/> module content or teaching methods
<input type="checkbox"/> Undergraduate year 3/4 (level 6)	<input type="checkbox"/> module assessment
<input type="checkbox"/> Postgraduate (level 7)	<input type="checkbox"/> a personal change in your awareness, understanding or attitudes
	<input type="checkbox"/> research or research-informed teaching
	<input type="checkbox"/> extra-murally, via volunteering or charity work
<b>Your name:</b> _____	<input type="checkbox"/> other _____

**Which of the Sustainable Development Goals does this relate to? 9, 11 & 12**

1 NO POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GENDER EQUALITY	6 CLEAN WATER AND SANITATION
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NBS Education for Sustainable Development 1

# The Journey to Curriculum Refresh



NTU & THE SUSTAINABLE DEVELOPMENT GOALS  
CREATING THE UNIVERSITY OF THE FUTURE

[www.ntu-sdgs.blog](http://www.ntu-sdgs.blog)





# The Journey to Curriculum Refresh



## Welcome to Session 3!

How are various disciplines/subject areas working together to address Sustainability & Clothing?

A good example of this is the United Nations Sustainable Development Goals (SDGs).



Watch the video below to get an overview of what the goals stand for:





# The Journey to Curriculum Refresh

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**Do you have any ideas on how issues relating to the SDGs can be further embedded within your course?**

"More field trips to companies who practice sustainable development"

"More lecturers on SDGs specifically"

"The SDGs should be introduced in tutorials"

"Languages and politics to be included in all courses for the future development"

"Law would like it to be embedded in core modules more"



# The Journey to Curriculum Refresh



The screenshot shows the 'NOW' (NTU Online Workspace) interface for the 'Education for Sustainable Development: Future Thinking Learning Room'. The main topic is '5. Gender Equality'. A red banner reads 'Achieve gender equality and empower all women and girls'. Below this, it states: 'In this section you will find teaching resources relating to the 5th Sustainable Development Goal: Gender Equality.' Under the 'Article' section, two articles are listed: 'Brandt, Mark J. (2011) Sexism and gender inequality across 57 societies Psychological Science Vol. 22, No 11, pp. 1413-1418' and 'Lahelma, Elna (2014) Troubling discourses on gender and education Educational Research, Vol. 56, No. 2, pp. 171-183'. A left sidebar contains navigation links like Overview, Bookmarks, Upcoming Events, Table of Contents, and a list of Sustainable Development Goals.

The screenshot shows the 'NOW' interface for the 'Education for Sustainable Development: Future Thinking Learning Room'. The main topic is '9. Industry Innovation and Infrastructure'. An orange banner reads 'Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation'. Below this, it states: 'In this section you will find teaching resources relating to the 9th Sustainable Development Goal: Industry, Innovation and Infrastructure.' Under the 'Articles' section, two articles are listed: 'Grice, Margaret (2015) Social sustainability and urban mobility: shifting to a socially responsible pro-poor perspective Social Responsibility Journal, 2015, 11, 1, 82, Emerald Group Publishing, Limited, Bingley, United Kingdom, Bingley' and 'Hoekman, Bernard (2015) Trade's place in the Sustainable Development Goals International Trade Forum, 2, 10-11 - The article offers information on the formation of the Open Working Group in 2013 out of a United Nations Conference on Sustainable Development (Rio+20) mandate to discuss possible Sustainable Development Goals (SDGs) to shape the post-2015 development agenda. It states that the 2014 agenda which includes better regional and trans-border infrastructure'.

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



# Activity



## 17 PARTNERSHIPS FOR THE GOALS





# Activity

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**How can we work together  
towards achieving the SDGs?**





# Activity

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**How can different departments within a university/college work together towards achieving the SDGs?**

**How can HEIs work together towards achieving the SDGS?**



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# Questions?





# Thank you!



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[GreenAcademy@ntu.ac.uk](mailto:GreenAcademy@ntu.ac.uk)



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