

# RME Research Conference 2016

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# PRME Working Group on Climate Change and Environment

## Climate Change and Environment

This PRME working group was configured at the Global Forum 2015 in New York. The focus is on SDG 13 'Climate Action' but several other SDGs are also addressed such as SDG 6 'Clean Water and Sanitation'. The aim of this PRME group is to help business schools and other organisations to embed climate change and environmental education into their teaching and training practices. The PRME group on Climate Change and Environment has three main objectives:

For more information about the working group's activities please contact Co-Chairs:

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Petra Molthan-Hill, Nottingham Trent University, [petra.molthan-hill@ntu.ac.uk](mailto:petra.molthan-hill@ntu.ac.uk)

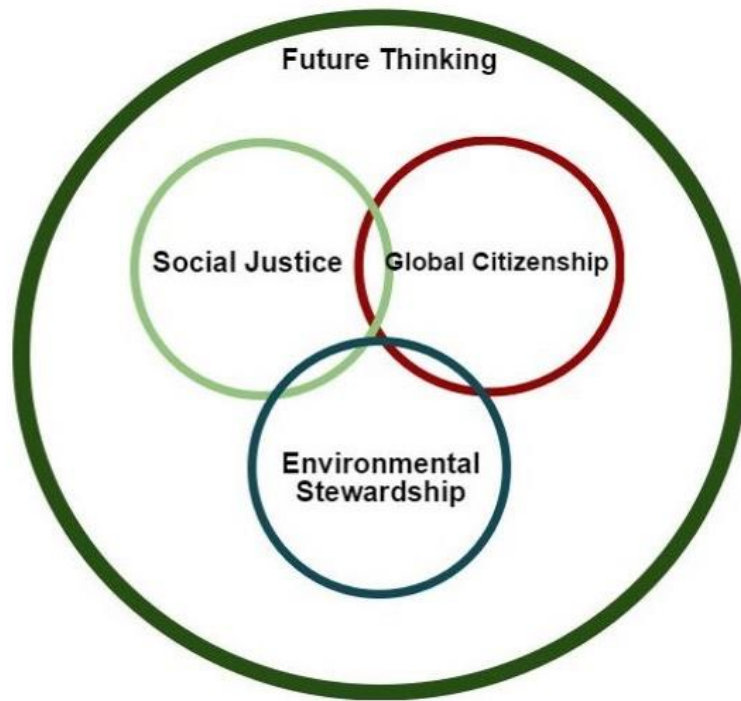
<http://www.unprme.org/working-groups/display-working-group.php?wgid=3379>

# PRME Working Group on Climate Change and Environment

1. **Policy/Strategies:** This section provides business schools and universities with policy templates on how climate change and other environmental issues can be integrated into operational policies/strategies but also into learning and teaching policies/strategies.
2. **Teaching:** Sharing of good ideas, best practice and innovative training methods around effective ways of integrating climate change and other sustainability issues into management education and training within universities and beyond. A special focus is on how to encourage students to work towards sustainable solutions.
3. **Cooperation:** Seeks the dialogue between business schools and private/public sector organisations, especially through the UN Global Compact, working together on solutions to climate change and other environmental challenges. The vision is that companies can offer 'wicked' problems for the best brains across the world to view, consider and share practical and feasible actions.

<http://www.unprme.org/working-groups/display-working-group.php?wgid=3379>

# CREATING THE UNIVERSITY OF THE FUTURE



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# Greenhouse Gas (GHG) Project at NTU

- Final-year Business Management BA(Hons) students
- Currently 900+ students
- **CORE** Curriculum
- 10 weeks programme addressing EMS
- Companies work towards iiE accreditation

[Business Partnership at Guardian University Awards](#)

# Greenhouse Gas (GHG) Project at NTU

- The top 40 students gained an employment reference from NEPes
- 25 organisations were supported towards gaining an accredited EMS.
- Innovative ideas on how to reduce carbon emissions
  - plans for a carbon-free Christmas in a shopping centre
  - to unusual ways of reducing lift usage
  - and changing behaviour
- Four other local universities are now thinking of using the NTU model.

[Business Partnership at Guardian University Awards](#)

# The Greenhouse Gas Management Project



NTU Creating Opportunity:  
Greenhouse Gas Consultancy

Guardian University Award 2015  
Partnership, the Greenhouse Gas  
Consultancy Project is an example of innovative  
course delivery, in ...

NTU

<https://www4.ntu.ac.uk/strategy/>

# Sustainability in Practice (SiP) Certificate

Sustainability in Practice (SiP) Certificate | ▾

**Be part of the solution! Gain Future-Thinking skills!**

**Free Online Certificate relating to Sustainability AND your Subject Area**

To begin, scroll down for more info on how you can choose between the 3 themes: Food, Clothing, or Energy.

**Why** should you do it? - To enhance your employability with new skills and knowledge: 93% of 1000 CEOs "believe that sustainability will be important to the future success of their business" (UNGC, 2013:22)\*, however, in a more recent study, that number has increased to 97% (Accenture, 2016)\*\*. So don't lose out. Gain the Future-Thinking skills that employers are looking for!!

**Who** can do it? - All students and members of staff at NTU.

**What** is the Certificate? - An official NTU document, relating to and enhancing your degree. ALL Sessions to be done remotely (online) via NOW.

**When** You can do it from now until 31st March 2017.

**The SiP Certificate is now part of NTU's Higher Education Achievement Record (HEAR), a nationwide UK Universities initiative. This means that this Certificate achievement will also be included in your official NTU transcript.**

\* Joint research by Accenture & United Nation Global Compact. Click [HERE](#) to find out more.

\*\* To read the 2016 study, click [HERE](#).



# Sustainability in Practice (SiP) Certificate

	Topic	Aim
<b>Session One</b>	Student experience of sustainability and topic of their choice	Engage students on a personal level
<b>Session Two</b>	Sustainability and topic of choice in your discipline	Facilitate disciplinary understanding of sustainability
<b>Session Three</b>	Connections between disciplines: Identifying Challenges	Facilitate interdisciplinary understanding of sustainability
<b>Session Four</b>	Local and global solutions	Identify interdisciplinary collaborations / solutions to sustainability challenges
<b>Final Project Piece</b>		



**FOOD**



**ENERGY**



**CLOTHING**

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# Sustainability in Practice (SiP) Certificate: Energy

Please **NOTE**: Activities in the Sessions must be completed to activate access to subsequent Sessions.

Each Session takes 30-60 min to complete.



This session is an online assessment for NBS final-year undergraduate students only ([Leadership & Employability module](#)).

However, if you would like something similar for your course, please contact your Course Leader or Employability Coordinator about this. Thank you.

*This page will be live from 8th Nov 2016.*

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# Sustainability in Practice (SiP) Certificate: Energy

## Welcome to Session 1!

*"Everything is energy and that's all there is to it. Match the frequency of the reality you want and you cannot help but get that reality. It can be no other way. This is not philosophy. This is physics."*

**Albert Einstein**

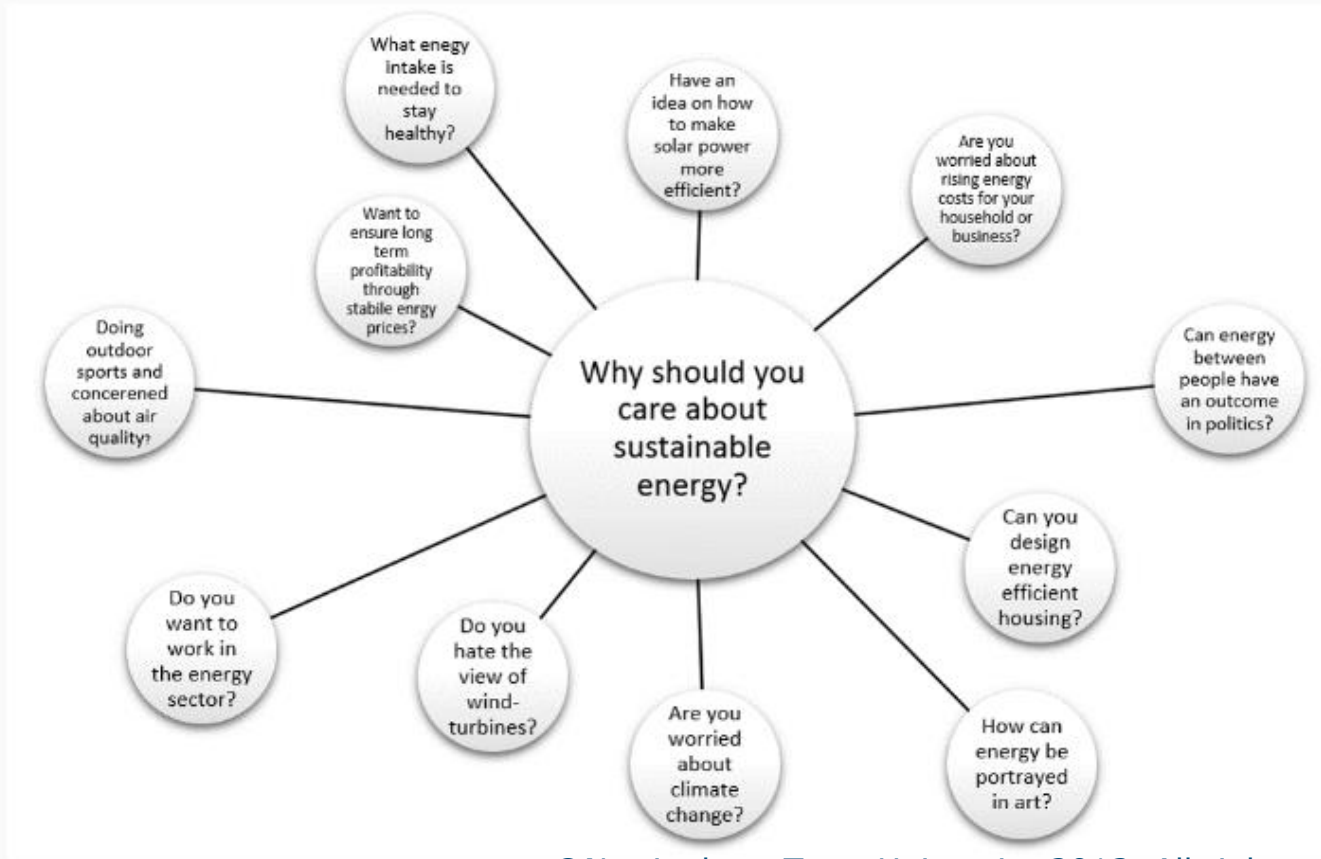


Photo: Stephan Kleinert / Trevis Rothwell via Flickr

# Sustainability in Practice (SiP) Certificate: Energy

## How can we power the world sustainably?

Session One is about analysing how energy fits in to your life; both in the personal sphere and into your future employment. The diagram below shows a couple of reasons why sustainable energy is something that matters in your own life. Can you think of more reasons?



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# Sustainability in Practice (SiP) Certificate: Energy

Click on your School's image below to look at the links to Resources.

The resources have been shared with us by the academics in your School. If there are further resources which you think your School needs to share with us, please let your Tutor, Course Leader, or Employability Coordinator know.



School of Animal, Rural and Environmental Sciences



School of Architecture, Design & the Built Environment



School of Arts and Humanities



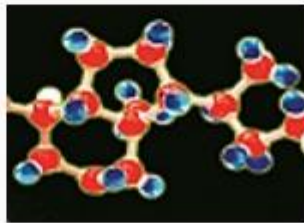
School of Art & Design



Nottingham Business School



Nottingham Law School



School of Science and Technology



School of Social Sciences



**When you are ready,  
click here to get to the  
Challenge!**

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## Subject/Discipline

## Links to Resources

General Business

[20 Business Opportunities in Renewable Energy Industry](#)

[AltFuelsNow \(2014\) Carbon Credits: Criticisms](#)

[BSR \(Business for Social Responsibility\) \(2007\) Beyond Neutrality: Moving Your Company Toward Climate Leadership](#)

[Carbon Neutral Co. Ltd \(2016\) Carbon Offset Project Types](#)

[Carbon Trust \(2013\) Energy Management: a Comprehensive Guide to Controlling Energy Use](#)

[Colwell, D. \(2007\) Carbon Offsets: Buying Your Way Out of Responsibility](#)

[Davenport, C. \(2014\) 'Industry awakens to threat of climate change', The New York Times](#)

[Earley, K. \(2013\) 'Facelift Access Hire: simple innovations for big energy savings', The Guardian,](#)

[Funk, M. \(2014\) Windfall: The Booming Business of Global Warming \(New York: The Penguin Press\)](#)

# Sustainability in Practice (SiP) Certificate: Energy

Once you've posted your solution in the Discussion Forum, it will be added to this map.

Click on the icons to see what each project is about. Have fun exploring the map!





# Sustainability in Practice (SiP) Certificate: Food







# Climate change COP21 Trump cards

- Developed after the COP21 [21st Conference of the Parties (or “COP”) to the United Nations Framework Convention on Climate Change (UNFCCC)]
- ‘Carbon Crush’
- Aim: Explore issues around climate change
- Categories:
  - Carbon Emission
  - Political Power
  - Population
  - Carbon Pledge

# Climate change COP21 Trump cards

## Questions to start discussions:

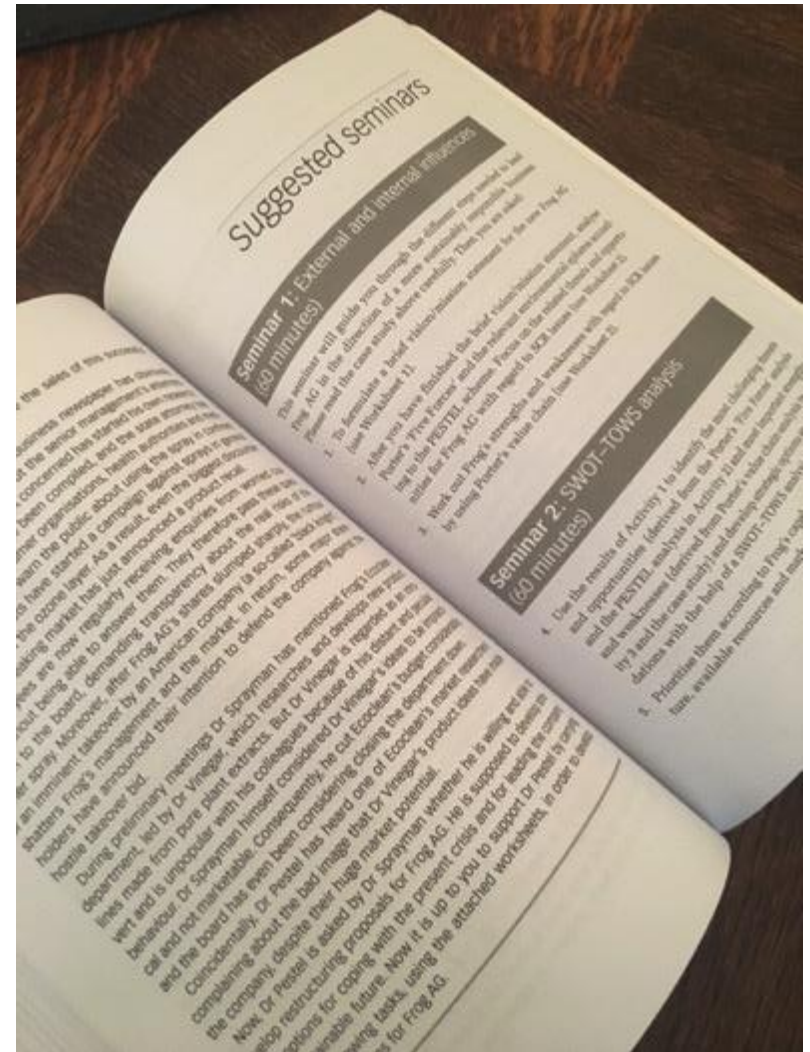
- 1) Which countries are the biggest emitters of carbon?
- 2) Which have the best carbon pledges?
- 3) How are populations, emissions and carbon pledges related?
- 4) How do you think political power impacts on global carbon pledges?
- 5) How could less powerful actors increase their power /influence?
- 6) Why do you think some data is missing?



# THE BUSINESS STUDENT'S GUIDE TO SUSTAINABLE MANAGEMENT

Principles and Practice

Edited by  
**PETRA MOLTHAN-HILL**



# Thank you for listening.

## NTU Green Academy

The NTU Green Academy aims to ensure everyone at NTU is able to acquire the skills and knowledge necessary to shape a more sustainable future and contribute to a better world!



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#BeTheChange  
#GlobalGoals

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