

## Carbon Literacy Training (outline full day)

Carbon Literacy  
Project



This is an overview of the key training sessions broken down into two four-hour slots. We can also offer the training as a full-day version or as blended learning (such as two three-hour sessions combined with some work in participants' own time). If people do the entire training and submit an assessment, they can achieve a certificate issued by [The Carbon Literacy Project](https://www.carbonliteracyproject.org/) in Manchester. Please contact Prof Petra Molthan-Hill ([petra.molthan-hill@ntu.ac.uk](mailto:petra.molthan-hill@ntu.ac.uk)) for further information.

### First session: Climate Science, Climate Justice and Climate Change Futures

Learning Outcome/Topic	Method	Time
Understanding why 97% of climate scientist have agreed that climate change is caused by humans	Presentation	20 minutes
Climate Justice	Game	30 minutes
Experiencing possible positive and negative futures	Card game with coaching elements	50 minutes
Collective strategies to achieve positive futures	Work on assessment (form)	10 minutes

### Second session: Climate Science, Carbon calculation, Individual Action

Learning Outcome/Topic	Method	Time
Climate Change Science: Basics and some detail such as carbon sinks	Presentation and videos	40 minutes
Calculating the impact of each action	Exercise	20 minutes
What causes more carbon emissions - a banana shipped or a burger locally produced?	Game	40 minutes
Understanding the impact of various actions		
Individual strategies to achieve positive futures	Work on assessment (form)	20 minutes

### Third session: Climate Change- a systems approach

Learning Outcome/Topic	Method	Time
Understanding the system of one sector such as food in relation to climate change	Mind mapping Exercise	60 minutes
Understanding the impact your work/discipline has on this system	Adding to the mind map created	40 minutes
Group strategies to achieve positive futures	Work on assessment (form)	20 minutes

### Fourth session: Climate Action Strategies

Learning Outcome/Topic	Method	Time
Academics: Develop teaching tools/research Students: Group actions (social media campaigns, influencing lecturers etc.) Business/organizations: Action for your function such as procurement	Cards to add to Mind Mapping Exercise (different packs available)	80 minutes
Choose individual and group strategies to achieve positive futures	Work on assessment (form)	40 minutes