

Staff CPD and green initiative schemes: Carbon Literacy Training

Royal Holloway, University of London

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Contents



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1. Carbon Literacy Training - introduction
2. CLT at Royal Holloway
3. CLT – Library experience
4. Conclusion – further plans

Carbon Literacy Training

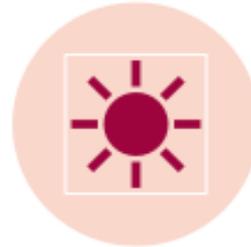


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What is Carbon Literacy?



*“AN AWARENESS OF THE **CARBON DIOXIDE COSTS** AND IMPACTS OF EVERYDAY ACTIVITIES AND THE ABILITY AND MOTIVATION TO **REDUCE EMISSIONS** ON AN INDIVIDUAL, COMMUNITY AND ORGANISATIONAL BASIS”.*



THE FOCUS OF THIS COURSE IS **TO EMPOWER YOU** TO CHOOSE YOUR OWN CLIMATE SOLUTIONS.



THE STANDARD REQUIRES **ONE DAY** OF TRAINING TO GET A CERTIFICATE.

Carbon Literacy Project



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62,184
citizens
certified



193 certified
training
professionals



4,419
organisations
engaged



124,368
actions
pledged



520
courses
designed



178
Carbon
Literate
Organisations

224,000t^{CO₂e}
carbon
saved



13 Sectors



23
nations
delivering

10 Toolkits



5-15% carbon
savings
per-person





- Designed and curated for the purpose of certified Carbon Literacy training for specific sectoral audiences – content matched to sector needs
- Developed to maximise ease and speed of adoption of Carbon Literacy – eliminates development and accreditation time & costs as barriers to adoption
- Initial five Public Sector courses – free to use (creative commons licenses)
 - NHS, Higher Education, Blue Light services (Fire, Police, Ambulance), Local Government, Central Government/Civil Service
 - Now also: Museums, Social Housing
- Private Sector toolkits (different licenses)
 - Automotive, Sport

CLT @ RHUL



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- Delivered in 4 x 2hr online (= “a day’s worth” of CLT), NTU TK
 - S₁ – Introduction, High Impact Solutions, Carbon Footprint
 - S₂ – Climate Justice and Future Scenarios
 - S₃ – Climate Science and Matching Solutions
 - S₄ – Climate Solutions, Systems Thinking and Action Plans
- Taken by staff (academics and professional services) and students together → we’re all in this (climate crisis) together
- Submission of evidence – Assessment form → Certificate
- Numbers so far
 - Ca. 300 sign-ups in 2 years, 6 cohorts
 - Eligible/engaged learners (3 or 4 sessions attended): ca. 200
 - Certified learners: ca. 120 (not incl. May 2023 cohort)



How to get certified?

▪ Assessment form – Three questions

1. As a society, what do we need to do to be carbon neutral by 2038*?
2. Your Individual Action – significant & new
3. Your Group Action – significant & new



* Date to fit with local or organisational zero-carbon target.



This is to certify that via
University of London
Sigrun Wagner

has met all the requirements of the Carbon Literacy Standard and thus for the purposes of workplace, education and community should be regarded as Carbon Literate.

signed

Dr. Ali Abbas, Chair, on behalf of The Carbon Literacy Trust.
Registered Charity Number 1156722

date certificate no.
1st October 2020 000150396/ v2.50



certificate



- Climate change one element of env. SUS
- Group action brings people together across institution, community building
- Focus is on inspiring and motivating action, equipping and empowering participants to take action, making climate action tangible – translated into individual and organisational lives.
- Cumulative effect/experience, stories told, experiences shared

Library Experience



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- Almost a third of library staff have attended CLT
- Out of those, just under 2/3 have been CLT certified → critical mass (ca. 20% of library staff)

What does this mean for the Library and Library staff?

- We have raised awareness amongst library staff and encourage attendance at the CLT
- We have started discussions on our next steps as a service
- We have committed to a number of personal initiatives



Group commitments

Library Sustainability
sustainability initiatives
staff travel

Trolley log
staff
shop/food

University staff
Working Group
staff and students
catering orders

Individual commitments

continuous improvements
aware climate change
small live as sustainably
mindset carbon footprint

steps sustainable lifestyle possible
CLT change personal actions
Yes sustainability of my lifestyle
improvements and alternatives



How I got my CLT certificate:

1. As a society, what do we need to do to be carbon neutral by 2038?
 - Individual, organisational and worldwide plans – pandemic effects
2. My Individual Action
 - Reduce carbon footprint via amended daily meal plans, more vegetarian options, less food waste etc
3. My Group Action
 - Help raise awareness both within library, university & local community – creation of Library SWG, facilitate CLT; facilitate CLT in local church congregation, conference attendance, etc.

important **changeday**
carbon footprint



Inspired by the Carbon Literacy training, my colleague Eva took three pledges:

- The first one was to introduce more vegetarian meals in the family's diet - stopped buying beef altogether and eat vegetarian meals at least once a week.
- Lots of amazing resources were recommended during the course, both by course convenors and participants. Eva created a [carbon literacy reading list](#) to compile all the resources in one place.
- Finally, Eva was a facilitator for one of the courses; hopefully she will be able to teach her own course in the near future.

important **changeday**
carbon footprint

CLT Reading List



Carbon Literacy Training

View & Export ▾

+ My Lists

CONTINUOUS ⓘ Created 2 months ago | Updated 21 days ago

This reading lists includes the resources used during the Carbon Literacy course, together with additional resources recommended by Nottingham Trent University, the course convenors and previous participants.

Table of Contents ▾

Type: All ▾

Filter: All ▾

Citation Style: None ▾

Search



Session 1: Introduction

-  **Quiz: Climate change solutions - CNN.com**
Webpage - **Essential** VIEW ONLINE ⋮
-  **WWF Footprint Calculator**
Webpage - **Essential** VIEW ONLINE ⋮
-  **How bad are bananas?: the carbon footprint of everything**
Book - by Mike Berners-Lee - 2020 - **Essential** VIEW ONLINE ⋮
-  **Temperature Anomalies by Country 1880-2017 - YouTube**
Audio-visual document - **Essential** VIEW ONLINE ⋮

Session 2: Climate Justice and Future Scenarios

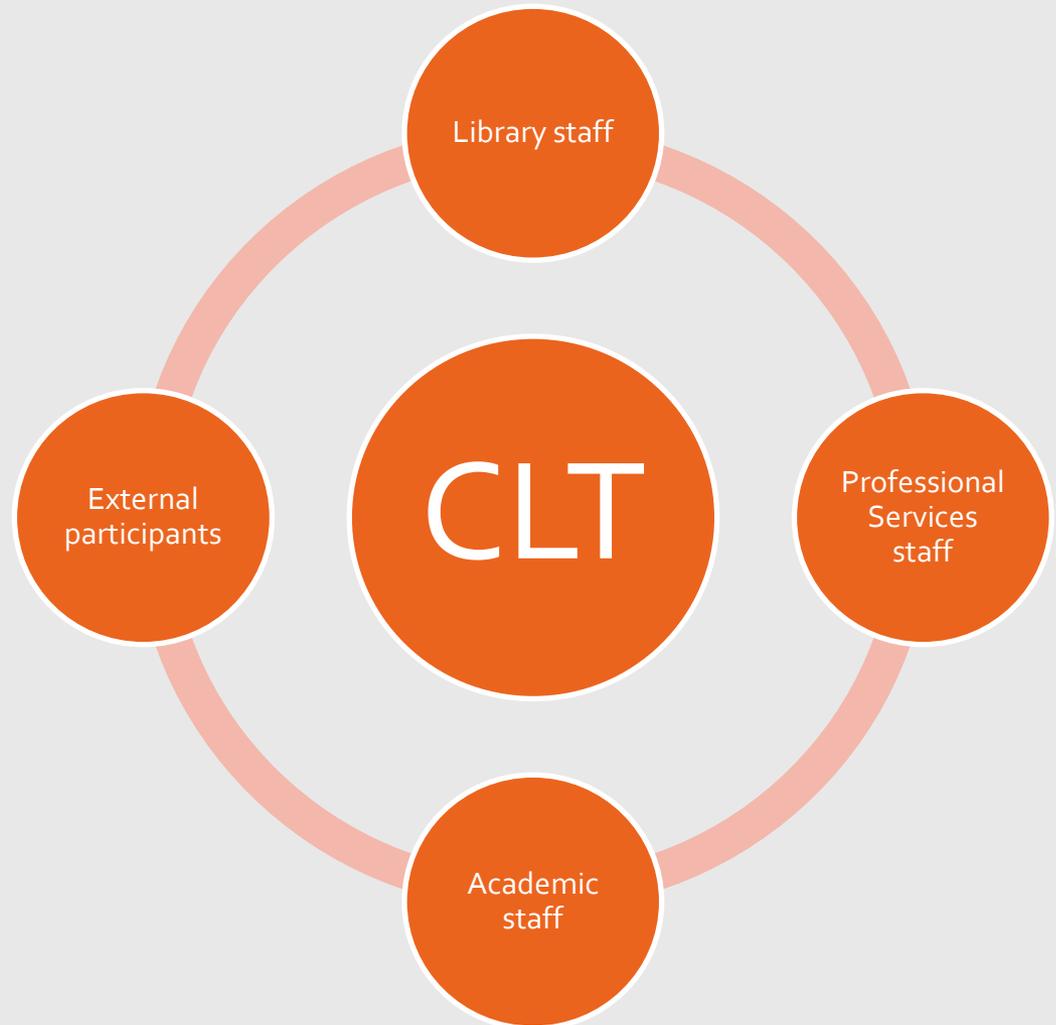
-  **Climate Change - The Facts with Sir David Attenborough - YouTube**
Audio-visual document - **Essential** VIEW ONLINE ⋮
-  **CO2 Emissions | Global Carbon Atlas**
Webpage - **Essential** VIEW ONLINE ⋮
-  **Climate Data for Action | Climate Watch | Emissions and Policies**
Website - **Essential** VIEW ONLINE ⋮
-  **Too Hot to Handle: How Climate Change May Make Some Places Too Hot to Live – Climate Change: Vital Signs of the Planet**
Webpage - **Essential** VIEW ONLINE ⋮
-  **How Scientists Measure Carbon Dioxide in the Air - YouTube**
Audio-visual document - **Essential** VIEW ONLINE ⋮

CLT: bringing people together



People from different areas of the university and even local community coming together in pledge to commit to reduce carbon footprint:

1. Individuals
2. Departmental
3. Organisational
4. Community



Questions?

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