



Uni-Eco Summer School 2021 The University of Dublin, Trinity College $19^{th}-22^{nd} \ July \ 2021$

Schedule and Abstracts







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Synopses of sessions:

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Welcome message

We are delighted to welcome you to the first Summer School as part of the <u>UNI-ECO</u> project. UNI-ECO aims to raise awareness about sustainability on university campuses, and to foster cooperation and actions among all campus users (students, academic and non-academic staff members).

In this first Summer School, we aim to learn from each other and foster action in sustainability. Sessions are designed to:

- 1. Exemplify and share best practices at each University
- 2. Launch, test and evaluate E-learning training modules developed by the project
- 3. Showcase Green Challenge projects being carried out by students and staff
- 4. Enhance participants knowledge, skills and competencies (Tackling Community Change sessions)

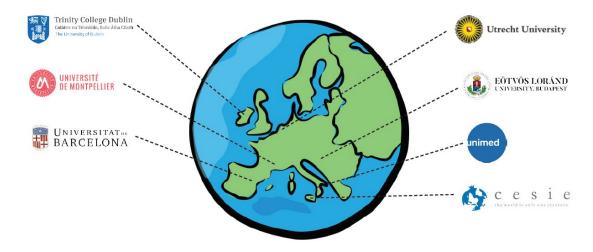
How to access the Summer School

The Summer School sessions will be run as Zoom webinars or Zoom meetings depending on the level of interaction in the sessions. The links will be emailed to all registered participants in advance of the Summer School.

Registration closes on Thursday July 15th 2021

The UNI-ECO partnership: Contacts

UNI-ECO is a partnership between five European Universities, the UNIMED network of Universities and an NGO (CESIE).









Contact people at each partner University:

Eötvös Loránd University, Budapest	Viktoria Mudra mudra.viktoria.21@gmail.com
UNIVERSITAT DE BARCELONA	Marta Perez maperez@ub.edu
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Trinity College Dublin Coláiste na Tríonóide, Baile Átha Cliath The University of Dublin	Paula Murphy pmurphy3@tcd.ie





Meet your hosts: The Trinity UNI-ECO team

Dr. Adwoa Ofori: Adwoa is the co-ordinator of the Trinity UNI-ECO team. She is a researcher and teaching fellow in the School of Natural Sciences, specialising in African Development.



Michele Hallahan: Michele is a core part of the Trinity UNI-ECO team, working on all aspects of the project. In particular Michele built and delivers the E-learning module on Waste and Consumption and is coordinator of the Green Challenges sessions. Michele is the Sustainability Advisor to Trinity College, and a Permaculture Designer and Lead Auditor on international environmental standards.



Dr Silvia Gallagher: Silvia is a core part of the Trinity UNI-ECO team and played a key part in designing the Summer School. She leads on the delivery of E-learning modules and is co-ordinator of those sessions. Silvia is a Research Fellow with expertise in higher education innovation, focusing on teaching and learning design, and online learning.



Prof. Paula Murphy: Paula is the Trinity lead on the UNI-ECO project. She was Sustainability Champion for the University during her time as Registrar (2016-2020). She is a Biologist in the School of Natural Sciences and has now returned to her academic role.



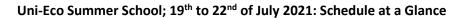
The core team are advised and supported by the other members of the **Trinity UNI-ECO Advisory Group:** Prof Marcus Collier, Prof Quentin Crowley, Simone Cameron-Coen (Civic Engagement Officer), Kieron McGovern, and three student members; currently Iseult Sheehy, Rebecca Payling and Samantha Foley. We thank all past student members.

We particularly thank Quentin Crowley for valuable input into the planning of the Summer School. We thank all of our UNI-ECO partners for valuable input to the planning and presentation of sessions, especially the UNI-ECO co-ordination team in Montpellier

Summer School schedule

On the next page you will find a summary of all sessions at a glance. Click on each of these sessions to find out more information about these sessions. This is followed by a more detailed schedule for each day.









Please note: Indicated times are Irish Standard Time (IST) which is one hour behind Central European Time (+1 = CET) (e.g. the schedule begins on day 1 at 10.00 CET)

Day 1: Monday 19/07/2021 Challenging behaviours	Day 2: Tuesday 20/07/2021 Reducing your waste	Day 3: Wednesday 21/07/2021 Reducing your environmental impact	Day 4: Thursday 22/07/2021 Learning together
9.00 - 9.35		9.00 - 9.35	
Welcome Session		Campus Best Practices Sharing Session 3 (UM)	
9.35 - 10.30		9.35 - 10.45	
Green Challenges Session 1		Green Challenges Session 3	
10.30 -10.40 Break		10.45 - 10.55 Break	
10.40 -11.15		10.55 - 12.55	
Campus Best Practices Sharing Session 1		Tackling Community Change Session 3:	
(Trinity)		Community Challenge: How to reimagine	
		green spaces	
11.15 - 13.15 Tackling Community Change Session 1: The Psychology of Cooperation			
	13.00 - 13.35		13.00 - 14.25
	Campus Best Practices Sharing Session 2 (UU)		Green Challenges Session 4
	13.35 - 14.25		14.30 - 15.05
	Green Challenges Session 2		Campus Best Practices Sharing Session 4 (UB)
	14.25 - 14.35 Break		15.05 – 15.15 Break
	14.35 - 15.15		15.15 - 16.15p
	E-learning Modules Session 1		E-learning Module Session 2
	15.15 - 17.15		16.15 - 16.45
	Tackling Community Change Session 2:		Campus Best Practices Sharing Session 5
	Community Challenge: How to reduce consumption		(ELTE)
TBC		TBC	16.45 - 17.00
Student informal activities		Student informal activities	Closing remarks from each partner





Expanded schedule by Day

Day 1: Monday 19/07/2021

Broad Theme for the day: Challenging behaviours

Time IST	Session title
(+1hr =CET)	
9.00 - 9.35	Welcome session Welcome and overview of Summer School (Trinity; Paula Murphy)
	Overview of the UNI-ECO Project (Céline Delacourt-Gollain; Director of International Relations, UM)
9.35 - 10.30	Green Challenges Session 1: Presentation of staff and student Green Challenge projects across the partner Universities • Bouge ta Finance (move your money) (UM) • Sustainable Period Products (Trinity) • Recycling game: "Where do you throw it?" (UU)
10.30 - 10.40	Break
10.40 - 11.15	Best Practices Sharing Session 1 Examples of best practices at each University Building a connected community (Trinity)
11.15 - 13.15	Tackling Community Change Session 1: The Psychology of Cooperation Led by Dr Shane Timmons, Economic and Social Research Institute, Dublin, Ireland Format: presentation, discussion panel and open forum
Evening	Student informal activities (schedule to be confirmed (TBC))





Day 2: Tuesday 20/07/2021

Broad Theme for the day: Reducing your waste

Time IST (+1hr =CET)	Session title
13.00 - 13.35	Best Practices Sharing Session 2 Examples of best practice at each University Green Office UU: Community engagement in sustainable development on campus. (UU)
13.35 - 14.25	 Green Challenges Session 2: Presentation of staff and student Green Challenge projects across the partner Universities Student lab coat resale service (Trinity) Ressourcerie Etudiante Solidaire (UM) Waste free moving out (ELTE)
14.25 - 14.35	Break
14.35 - 15.15	E-learning Modules Session 1 Short presentations on each UNI-ECO e-learning module followed by an interactive session on developing content themes. (Trinity)
15.15 – 17.35	Tackling Community Change Session 2: Community Challenge: How to reduce consumption Led by Mindy O'Brien, Co-Ordinator VOICE Ireland Format: introductory presentation, interactive sessions in break out groups and wrap up with expert advice





Day 3: Wednesday 21/07/2021

Broad Theme for the Day: Reducing your environmental impact

Time IST (+1hr =CET)	Session title
9.00 – 9.35	Best Practices Sharing Session 3 Examples of best practice at each University Sustainable Development and Social Responsibility working group within Polytech Montpellier: origin, stakes and examples of actions (UM)
9.35 - 10.45	Green Challenges Session 3: Presentation of staff and student Green Challenge projects across the partner Universities • Eco-Calc (Trinity) • Environmental Impact Label in the Canteen (UU) • Planetary Health Diet at UB (UB) • Sokszinu-kollegium Colourful Dormitory (ELTE)
10.45 - 10.55	Break
10.55 - 12.55	Tackling Community Change Session 3: Community Challenge: How to reimagine green spaces Led by Prof Marcus Collier, School of Natural Sciences, Trinity Format: introductory presentation, interactive team work sessions in break out groups and wrap up with expert advice
Afternoon/evening (TBC)	Student informal activities (schedule TBC)





Day 4: Thursday 22/07/2021

Broad Theme for the day: Learning together

Time IST	Session title
(+1hr =CET)	
13.00 - 14.25	Green Challenges Session 4: Interaction between Green Challenge teams; capturing the learnings (feedback from teams on challenges and Living labs) Announcement of winning team and feedback to all teams
14.30 - 15.05	Best Practices Sharing Session 4 Examples of best practice at each University Sustainability through Service-Learning in Environmental Sciences: teaching in social responsibility (UB)
15.05 – 15.15	Break
15.15 - 16.15	E-learning Module Session 2 SDG4 and engaging with the wider community (Trinity)
16.15 - 16.45	Best Practices Sharing Session 5 Examples of best practice at each University Sustainability in action at ELTE (ELTE)
16.45 - 17.00	Closing remarks from each partner





Tackling Community Change is a series of three sessions that aim to enable participants (and partner institutions) to plan effective initiatives to tackle community change. Session 1 is a priming session which raises awareness of the psychology of cooperation, which should be considered in the planning of any initiative to tackle change on a community level.

Sessions 2 and 3 examine aspects of specific challenges; to reduce consumption and reimagine green spaces. These challenges were chosen by the communities across partner institutions, by vote.

Tackling Community Change Session 1; Monday July 19th 11.15-13.15

The Psychology of Cooperation

This session will be led by <u>Dr Shane Timmons</u>, Research Officer in Behavioural Science, Economic and Social Research Institute, Dublin, Ireland. Shane will be joined by Prof Claire Kelly, School of Psychology, Trinity College Dublin.



<u>Biography</u>: Dr Shane Timmons is a cognitive psychologist working at the intersection of science and policy with the ESRI's Behavioural Research Unit (BRU). Before joining the BRU, Shane completed his PhD in moral psychology at Trinity College Dublin. He currently leads the BRU's environmental research programmes, on topics such as the public's understanding of climate change, interventions to improve household waste management and experimental tests of ways to communicate environmental risks. His research has been published in leading psychology and public policy journals and has been featured in international media, including *CNN*, the *Wall Street Journal* and *Science News*.

Synopsis of the session: Sustainability requires people to make sacrifices for the collective good. This session will introduce the most effective strategies to promote this kind of cooperation, as evidenced by decades of research in psychology and behavioural science. Using insights from another 'collective action problem' – the COVID-19 pandemic – and data from thousands of individuals, we will explore real-world drivers of cooperative behaviour while identifying the main parallels and differences between the pandemic and the challenges of sustainability.







Tackling Community Change Session 2; Tuesday July 20th 15.15-17.15

Community challenge: How to reduce consumption?

This session will be led by <u>Mindy O'Brien</u>, Coordinator, VOICE (Voice of Irish Concern for the Environment) Ireland

Mindy will be joined by an expert panel to lead discussions.



<u>Biography:</u> Mindy is an environmental attorney, trained in the USA and formerly a staffer in the US Congress and has been working in the environmental sector for nearly 30 years. At VOICE, she leads a team who focus on waste prevention initiatives, including the *Conscious Cup* Campaign, *We Choose Reuse* and *Sick of Plastic* campaigns. She also sits on various government working groups to develop waste policy, including the National Waste Prevention Advisory Committee, the National Waste Action Group and the Deposit Refund Scheme working group. VOICE is a national environmental charity that promotes the wise use of natural resources and advocates for the transition to a circular economy.

Synopsis of the Session: Part 1: Mindy will make a presentation on current consumption levels, as well as the resulting amount of waste that is generated in Ireland and how we compare to other countries. She will also discuss the various solutions available to reduce consumption and corresponding waste as well as outlining current policy proposals and trends. What is goal 12 of the Sustainable Development Goals and what impact does it have on the environment and society at large?

Part 2: Following from this presentation, there will be break out groups to discuss various questions, such as:

- 1) Who is ultimately responsible for the amount of waste we generate?
- 2) What are the solutions?
 - a. In business
 - b. In the community
 - c. Individually
 - d. By the government
- 3) How can we continue to grow the economy while delinking such growth from material consumption?

Part 3: Groups report back and final summary of findings are presented.







Tackling Community Change Session 3; Wednesday July 21st 10.55-12.55

Community challenge: How to reimagine green spaces?

This session will be led by <u>Prof Marcus Collier</u>, School of Natural Sciences, Trinity College Dublin.



Marcus will be joined by Johanna Varghese, Irish Green Building Council

<u>Mortgage</u> and <u>Turnkey Retrofit</u> One stop shop energy retrofit platform. An architect and regional & urban planner, Johanna was a Project Architect for mixed use developments and then spatial planner on green infrastructure strategies for Dublin City. Other European projects include <u>TURAS</u> for Dublin City Council <u>ESPON COMPASS</u> for University College Dublin and <u>IN-PREP</u> disaster training preparedness platform for Carr Communications.

<u>Biography</u>: Marcus is fascinated by the human-nature interface and specialises in socialecological systems thinking. Marcus has researched, lectures, and written extensively on contested social and ecological issues such as novel ecosystems and nature-based solutions.

Synopsis of the session: During COVID restrictions it was clear that there are many spaces in cities that are limited in their potential and do not accommodate all citizens. Many spaces are 'green deserts', designed for single or niche usage and exclude many urban communities. This session will look at the newer approaches to urban green spaces and nature-based solutions. Participants will be asked to bring examples of urban spaces (using Google Street View) (either on or off campus) to this workshop session where we will discuss a variety of issues that help us to reimagine urban green spaces.





Campus Best Practices is a series of five sessions, each sharing examples of best practices at each partner University.

Best Practice Sharing Session 1; Monday July 19th 10.40-11.15



Engagement with Purpose - Using a bottom-up approach to drive policy

This session will be presented by:
Michele Hallahan LEED AP, MSc, ALCM,
Comhairleoir Inbhuanaitheacht/Sustainability Advisor,
Office of the Provost,
Trinity College Dublin



Synopsis.

Communication is key to engaging any population in a topic that impacts us all. Sensing the urgency of the climate and biodiversity crises, Trinity has dedicated resources since 2017 to strengthen and expand its communication and engagement with our university community as part of an overall approach that links student and staff initiatives with central governance. Trinity has employed a variety of strategies to communicate and engage our campus on environmental sustainability topics, reaching into most areas of the university, such as procurement, estates and facilities, student counselling, academia, accommodations, catering and human resources.

Building on an annual sustainability report to College Board which sets targets and tracks progress, and a revamped website for sustainability, Trinity established routes of communication and engagement such as: sustainability guides for staff, students and residents; a sustainability network of communication; subcommittees to work on sustainability topics; a sustainability fund to finance projects across the university and a voting campaign to engage staff and students in democratic decision making.

Join us for this 'Best Practice' presentation with Trinity's Sustainability Advisor, Michele Hallahan, to find out what tools Trinity has employed over the past four years and to hear about some our successes and plans for the future.







Best Practice Sharing Session 2; Tuesday July 20th 13.00 - 13.35



Green Office UU: community engagement in sustainable development on campus

This session will be presented by: Lorenzo Margiotta, Digital Communications Coordinator, Green Office Utrecht University and Justine van den Bergh, Community Coordinator, Green Office Utrecht University



Synopsis

Since 2013, Green Office Utrecht University (GOUU) has worked to inspire, empower and facilitate the community of Utrecht University to contribute to sustainable development on campus. In this presentation, we will walk you through GOUU's proudest achievements, the challenges we faced and overcame, and the lessons we have learned along the way. Lastly, we will present our vision for the future and how GOUU aims to continue empowering and engaging our community in the sustainable development of Utrecht University.







Best Practice Sharing Session 3; Wednesday July 21st 9.00 – 9.35



ASAP: A Sustainable Approach by Polytech Montpellier

This session will be presented by: Pr. Jean-Louis Bantignies, Université de Montpellier, Polytech Montpellier Engineering School

Synopsis

The engineering school Polytech Montpellier of the University of Montpellier has been engaged in a sustainable development approach for 10 years. In this presentation you will hear about how the approach has been structured since the beginning and see some examples of actions in support of sustainable development.







Best Practice Sharing Session 4; Thursday July 22nd 14.30 - 15.05



Sustainability through Service-Learning in Environmental Sciences: teaching social responsibility

This session will be presented by: Dra. Mireia Esparza Section of Teaching and Learning of Experimental Sciences, Faculty of Education, Universitat de Barcelona, Barcelona, Spain



Synopsis

Since the 2016-17 academic year, the subject of Sustainable Development in Environmental Sciences degree works as a Service Learning Project: this is a project in which students learn about sustainability while they are carrying out a service to the community. Students (around 60-70 per year) work in groups of four - jointly with social entities - to carry out different projects related to environmental and/or social sustainability. The issues that have been worked on to date are related to environmental education, recovering green areas in the city, increasing the engagement of young people with ethical finance or tracing the route of the electronic waste of the University. All these projects are a good way for the students to learn how SDGs could be applied in a local way with a global vision and how their work can improve their community.







Best Practice Sharing Session 5; Thursday July 22nd 16.15 - 16.45pm



Sustainability in practice at Eötvös Loránd Tudományegyetem

This session will be presented by:
Viktória Mudra
Sustainability Coordinator, Eötvös Loránd University;
Sustainability Program Manager, Eötvös Loránd University Together for the Environmentally Conscious Approach



Synopsis

University environmental projects are more successful, the more motivated our communities are and broadly we target and involve a diverse set of communities in the long run. How can this be achieved and what projects can / should involve students and staff at the university? What are the advantages, disadvantages and difficulties of local initiatives and how can they be helped by the University?

Such issues are addressed in the presentation with a full SWOT analysis and practical examples. Achieved results and methods of application will also be presented by ELTE and its sustainability related partner, ELTE Together for Environmental Consciousness Program.

UNI-ECO Summer University participants can learn about several aspects of sustainability volunteering, but they will also be introduced to institutional environmental policy work, waste reduction and the practical implementation of biodiversity within the university (animal protection and local on-site composting).

By the end of the presentation, participants will also gain an insight into the benefits and context of wider sustainability networking.







Green Challenges Sessions: Overview

A series of four sessions to showcase Green Challenges Projects from across the Universities.

In March of 2021, Uni Eco launched a 'Green Challenge' programme at all five participating universities to invite students and staff to develop solutions to improve sustainability at their University campus, working toward the United Nations Sustainable Development Goals (SDGs).

The objective of the 'Green Challenges' campaign was to encourage campus users to get involved in making their university more sustainable, by proposing projects as part of UNI-ECO that promote good practices within the institution, and the exchange of ideas between the partner universities.

The common themes for projects within 'Green challenges (2021)' were defined based on the first part of the UNI-ECO project: the results of a 'State of the Art on Sustainable Development in Higher Education Institutions' study, conducted across the partner institutions (2020) which identified the priority areas for action.

The common themes of the call for projects within Green challenges were as follows:

- 1. Practices that will bring the university closer to a Zero Waste goal
- 2. Reducing the carbon footprint related to transport at the university
- 3. Actions to support and enhance biodiversity
- 4. Reducing the environmental footprint of catering at the university

Following a competitive call for ideas, 25 exciting Green Challenge projects were undertaken by teams from across the five partner institutions.

10 of these projects have been selected by partner Institutions to show-case the work underway as part of the Green Challenges initiative and will be presented in Sessions 1-3.







Green Challenges Session 1; Monday July 19th 9.35 - 10.30

In this session we will hear from three project teams under the broad theme of "Challenging Behaviours"

Each team will present their project (7 minutes max) followed by Question and Answers

Project 1: Bouge ta finance ('Move your finance') at University of Montpellier (UM).

Team members: Nicolas Jampierre and Mathias André

Brief summary: This project has developed a programme of interviews and social media pieces for students to help them understand what Green Finance is, and what it can do for a more sustainable planetary future.

Project 2: Sustainable Period Products Initiative at Trinity College Dublin (Trinity).

Team members: Georgia Dillon and Emma Bowie

Brief Summary: This project provides students with information on the availability of sustainable period products and raises awareness of the amount of waste generated by disposable products.

Project 3: Recycling Game: Where do you throw it? Utrecht University (UU).

Team members: Gergő Sütő and Joël Beuerle

Brief Summary: The UU campus is equipped with lots of recycling bins, but it's not always clear where to throw an item. This recycling quiz is designed to educate people on how to recycle, in a fun way!







Green Challenges Session 2; Tuesday July 20th 13.35 - 14.25

In this session we will hear from three project teams under the broad theme of "Reducing your waste". Each team will present their project (7 minutes max) followed by Question and Answers.

Project 4: Student lab coat resale service (Trinity).

Team members: Megan O' Connor and Daniel O'Reilly

Brief summary: This project is developing a scheme for the collection, cleaning, and resale of laboratory (lab) coats at a reduced cost, to encourage reuse by students and to prevent waste.

Project 5: Ressourcerie Etudiante Solidaire (UM).

Team Members: Nicolas Reynaud, Daphnee Van Heerswynghels, Louna Teisseire-Pabou, Jil Heck, Antoine Pechoux, and Solène De Froberville

Brief Summary: Ressourcerie Etudiante Solidaire is a reuse project focused on salvaging furniture and household electrical items, from UM students to resell to incoming students.

Project 6: Waste-free Moving Out (ELTE).

Team members: Krupp Szonja, Gergő Nagy, Zsófia Teleki, Dorina Kozma, Bálint Kriston, Péter Gál and Katalin Élő

Brief Summary: This project offers sustainable containers (bags, boxes, etc) to students moving out, and enables salvage/ reuse of materials.







Green Challenges Session 3; Wednesday July 21st 9.35 - 10.45

In this session four Green Challenges teams will present their projects (7 min max presentations) followed by questions and answers.

Project 7: Eco-Calc (Trinity)

Team Members: Emma Gallagher, Cillian Fogarty and Oisin McConway

Brief Summary: Eco-Calc is a website designed to help users keep track of and budget the Carbon Footprint produced by their commute to and from college.

Project 8: Environmental impact label in the canteen (UU).

Team members: Gergő Sütő and Joël Beuerle

Brief summary: This project is designed to help people make low-impact food choices by providing food labelling in their canteen. Making the best choice for the planet is not easy but with this labelling system, the decision will be made easier.

Project 9: Planetary Health Diet at UB: towards a more sustainable option (UB).

Team members: Andrea Rizzo, Anna Escobedo, Ana Moragues, Sara Sangüesa, and Lina Solarte

Brief Summary: This project is applying sustainable food criteria (e.g. buy local, less packaging) to the catering at UB to reduce carbon footprint of food options.

Project 10: Sokszinu-kollegium/ Colourful Dormitory (ELTE)

Team members: Dorina Kozma, Viktória Mudra, Alex Barabás, Péter Gál, Hoang Nguyen Khanh An, Ákos Hunyadi, Gabriella Mudra, and Dominik Tóth

Brief summary: Sokszinu-kollegium is engaging students and staff in the renovation of ELTE's native herb garden and biodiversity improvements to their bee pasture, including the hand removal of ragwort, a noxious weed.







Green Challenges Session 4; Thursday July 22nd 13.00 - 14.25

In our final Green Challenges session, we will hear from all of the Green Challenges teams in attendance about what their experience was and what they learned from participating in the Green Challenges and the online Living Labs platform.

Also, the winner team(s) of the Green Challenge programme will also be announced!

All the teams put a lot of hard work into bringing their ideas to life, and we look forward to you joining us at this final session, to celebrate and recognise their contribution to making our universities more innovative, creative and sustainable.







E-Learning Module Session 1; Tuesday July 20th 14.35 - 15.15

This session will be led by Dr Silvia Gallagher, with presentations from Michele Hallahan, Sustainability Advisor from Trinity College Dublin, and Dr Jullien Drone Associate Professor of Organic Chemistry and Biochemistry at the University of Montpellier.





During this session, you will find out more information about our two elearning modules, Consumption and Waste, and Carbon Footprint. We will be asking for your input to help us improve the content of our modules through a short collaborative session.

We encourage you to complete at least one of these modules prior to the session and you can access them via these links:

- Consumption and Waste
- Carbon Footprint





E-Learning Module Session 2; Thursday July 22nd 15.15 - 16.15

Lead by Dr Silvia Gallagher, this second session on our eLearning modules will focus on the importance of SDG4 Quality Education in universities, and communicating and presenting our next steps for the eLearning modules. We will be asking you to share your best practices for sharing knowledge about sustainability to other staff and students, and showcasing our plans for the future of our eLearning modules.