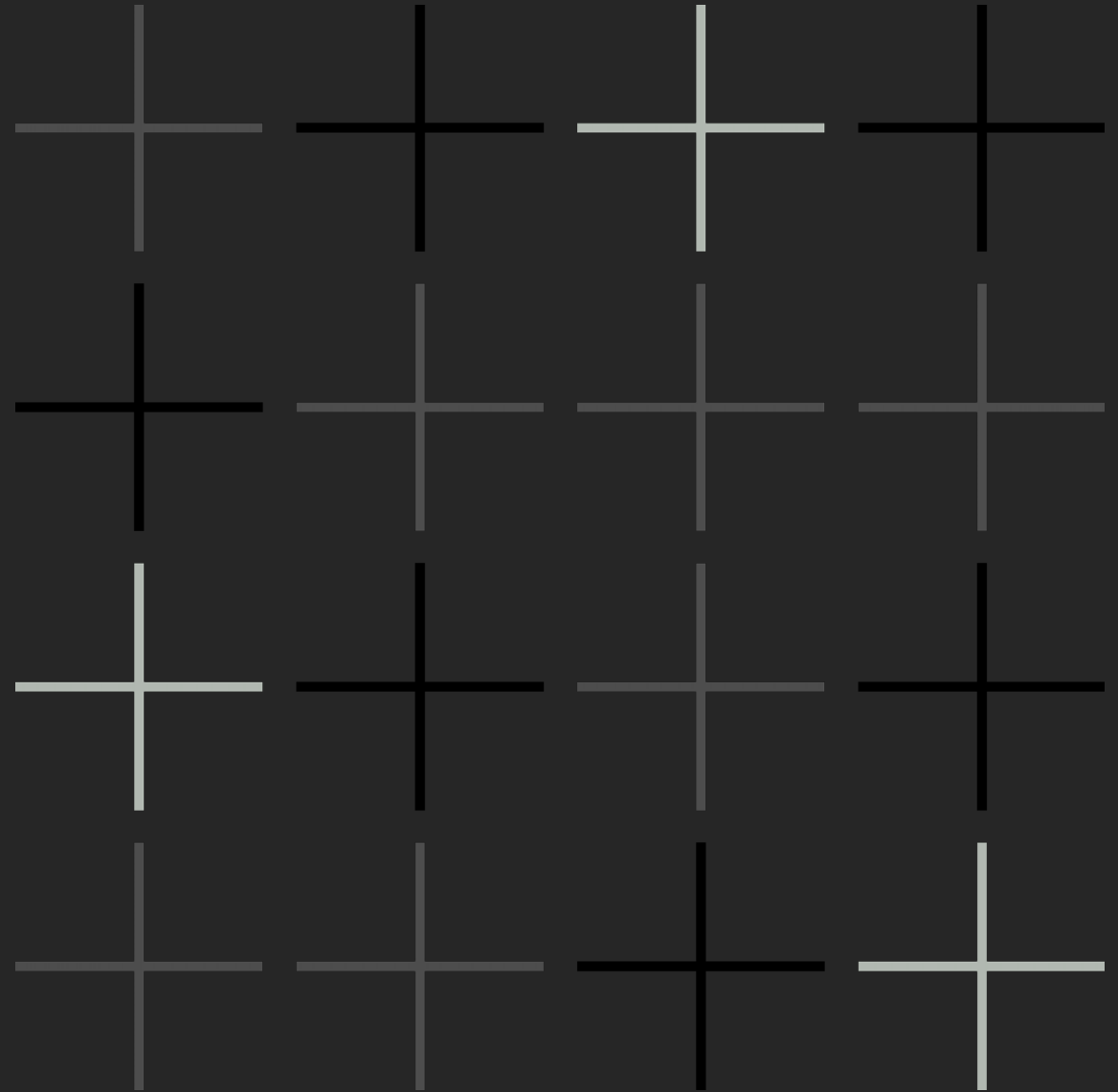




THE ROYAL ANNIVERSARY TRUST

The Queen's
Platinum Jubilee
Student Challenge
Prize Fund

March 2022





Student Challenge

The Queen's Platinum Jubilee Challenge brings together the winners of the 14th Round of the Queen's Anniversary Prize on a unique programme to accelerate the reduction of UK tertiary education carbon emissions to achieve net zero.

As part of the programme we are launching the Student Challenge to promote excellence and innovation in each participant institution and the chance to secure Prize Fund investment.

The Prize Fund aims to inspire students to create and implement small scale trials which directly influence the reduction of carbon emissions and the promotion of sustainable behaviours at their institute. The trials must focus on the institute's operations and student and staff body, but have the potential to be scaled to help reduce overall emissions for the tertiary education sector.

Background: The Queen's Platinum Jubilee Challenge

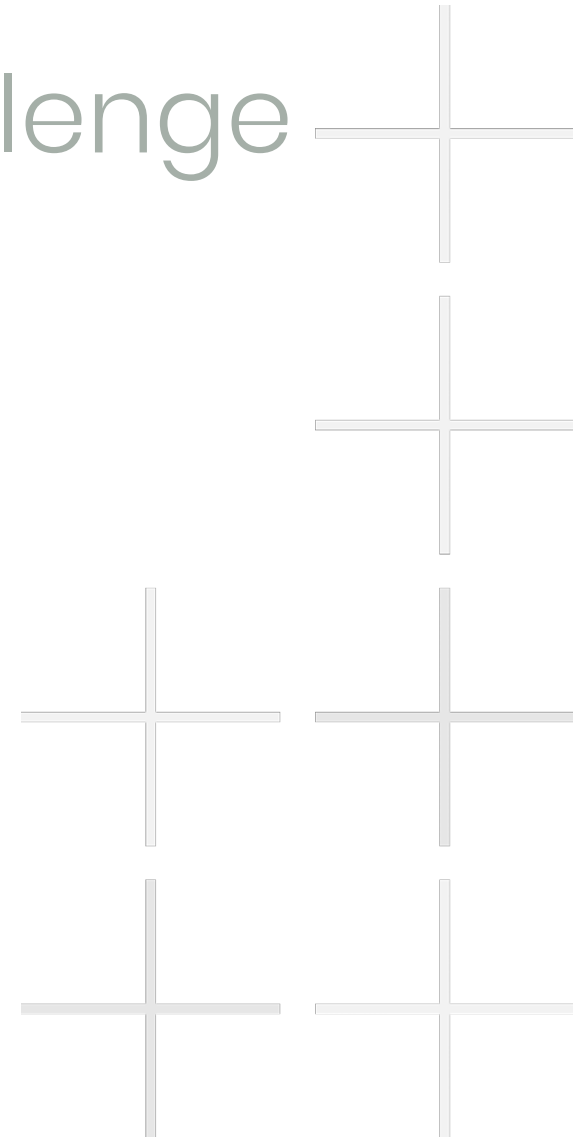
A new scheme has been launched by The Royal Anniversary Trust to mark the Queen's Platinum Jubilee that brings leading UK universities and further education colleges together to help their sector reduce carbon emissions to reach net zero. The Challenge has been accepted by the 21 winning institutions of the most recent round of The Queen's Anniversary Prizes.

The Student Challenge **Prize Fund** has been established as part of this scheme to allow each participant to champion excellence in student-led innovation and implement new, creative ideas to support the sector's ambition to reach net zero.

The projects will be shortlisted and approved by the 21 Participants at the planned Summer Residential in June 2022.



THE ROYAL ANNIVERSARY TRUST



The Queen's Anniversary Prizes Round 14 Winners



UNIVERSITY OF ABERDEEN



ANGLIA RUSKIN UNIVERSITY



UNIVERSITY OF BRADFORD



CHICHESTER COLLEGE GROUP



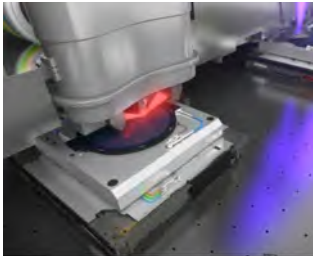
EXETER COLLEGE



UNIVERSITY OF GLASGOW



GRIMSBY INSTITUTE (THE TEC PARTNERSHIP)



HERIOT-WATT UNIVERSITY



UNIVERSITY OF HUDDERSFIELD



IMPERIAL COLLEGE LONDON



UNIVERSITY OF LEEDS



LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE



THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE



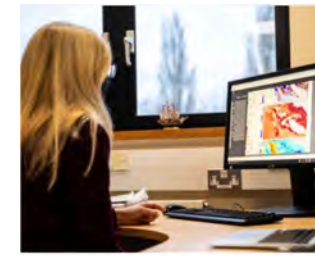
THE MANCHESTER COLLEGE



NOTTINGHAM TRENT UNIVERSITY



UNIVERSITY OF OXFORD



UNIVERSITY OF READING



SOUTH WEST COLLEGE



UNIVERSITY OF STRATHCLYDE



SWANSEA UNIVERSITY



WARWICKSHIRE COLLEGE

The Student Challenge Prize Fund

The Queen's Platinum Jubilee **Student Challenge Prize Fund** is available to up to five participants with outstanding ideas for student innovation.

- Projects should be *student-led on campus projects*, such as trials or living research, that aim to reduce carbon emissions or demonstrate a sustainable shift in behaviour within the sector.
- Projects can be done in collaboration with local community partners, as long as there are clear co-benefits and an impact on carbon emissions can be demonstrated.

Focus areas for the student trials could include:

ENERGY

Ideas for Engineering solutions;
Organisational change; Behavioural insights and change;
Microgeneration

FOOD

Ideas to reduce Agricultural emissions; Food miles and distribution;
Cooking and food waste; Landfill emissions

TRAVEL

Ideas that reduce emissions through Campus transport; Research travel; Student home travel

CARBON REMOVAL + SEQUESTRATION

Ideas that offer Natural solutions;
Technological solutions



About the **Prize Fund** for Participants

RUNNING THE COMPETITION WITH STUDENTS

- How the student competition is run internally is entirely up to the participants who can engage whichever student networks they choose (student unions, existing sustainability groups, students studying environmental sciences etc.) to come up with their best single idea.

MANAGING ENTRANTS

- Each Challenge participant is responsible for the full oversight of their Student Challenge, including management of any internal deadlines for entrants in order to get to a final single submission by the **June 20th** application deadline.

STUDENT CHALLENGE LEAD

- Please nominate a Student Challenge Lead as a main point of contact, and a member of staff who can lend practical support to students should they be successful.

PROJECT IMPLEMENTATION

- The 5 winning student trials must be conducted between **July – December 2022 and overseen by the Student Challenge Lead**. Fund winners will also need to provide an interim progress update **in mid October** documenting the trial's progress, followed by the final impact data in early December for inclusion in the Queen's Platinum Jubilee Challenge Report published in January 2023.

MATCH FUNDING

- Prize funding will be awarded in amounts of £5,000, £10,000 or £15,000 by The Royal Anniversary Trust with support from The Department for Education. The funding should be sufficient to complete the project, however, we have no objection should you or any of your partners wish to match the funds.

SHORTLISTING & VOTING AT THE RESIDENTIAL

- As a pre-read to the June Residential, every one of the 21 Challenge participants will receive the anonymised applications. First round shortlist voting will take place at the beginning of the residential, followed by a second round of voting to get to the five winners. The Royal Anniversary Trust will have the casting vote in the event of any tied voting.

About the Prize Fund for Students

WHO CAN TAKE PART

- Current undergraduates or postgraduate students can apply and are to be teamed up with member(s) of academic staff. Representation can be from across different schools and disciplines.

HOW TO ENTER

- Student applications will be communicated and managed by each institution, in accordance with their individual policies. The institution will narrow to a single entry by 20th June. The requirements for students are a written application accompanied by a 2 minute video pitch to be shown at the June Residential.

DEADLINE AND WINNERS ANNOUNCED

- The final deadline for a submission from each participant will be 20th June, with the top 5 winning student trials announced at the end of June and implementation taking place **between July – December 2022.**

- Students and student groups will be guided by a nominated Student Challenge Lead and provided academic staff support as required for trial implementation.

PRIZE FUNDING

- Prize funds will be awarded in amounts of £5,000, £10,000 or £15,000. Each application must specify the amount they require and how the funding will be used within the project. In exceptional circumstances, an additional £5,000 maybe made available.

SHORTLISTING & VOTING

- All final student submissions will be voted on by each of the 21 participants at the end of June. This format includes a first round of voting to get to a shortlist, followed by a second round with five winners selected.

PROGRESS REPORT

- In mid October the winning student trials will be asked to provide an interim progress update, followed in early December by a simple 2-page report outlining the project and its measurable impact for inclusion the Queen's Platinum Jubilee Challenge Report.

Timeline

April – June

- Student Challenge brief and guidance shared with participants.
- Participants launch and run Challenge internally to reach one, final submission.

20th June – application deadline for Student Challenge

27 – 30th June

- During the residential, all 42 attendees will participate in two rounds of voting to reach five winning projects.
- Specific funding awarded early July.

July – December

- Student trials commence implementation and running of projects on campus.

Mid October (progress update)

- Each project submits a progress report in mid October

Early December

- Project completion with final data and findings submitted in early December for inclusion in the Queen's Platinum Jubilee Challenge Report.



Guidelines

Participants will be asked to consider the following factors when voting and reviewing student applications:

Practical – The trial must be executable by the students between July - Dec 2022 using the resources and funding awarded.

Innovative – The idea must be creative and innovative within the sector in the UK.

Impact – The carbon impact and broader results must be measurable i.e., impact data must be used to assess the trial's results by Dec 2022.

Scale – Ideas which have the potential to scale in other institutes and have the biggest impact on reducing carbon in the education sector.

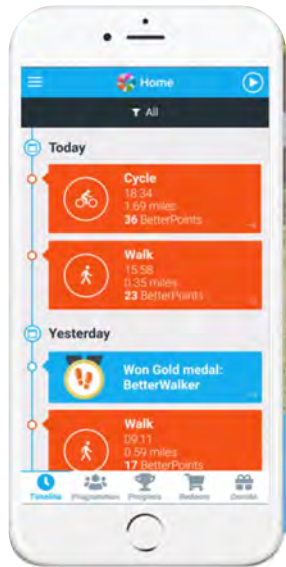
Engagement – Ideas which demonstrate a high level of energy, excitement and engagement from the students themselves.



Inspirational Ideas of Student Challenges



'Pitch for the Planet' Student Competition



EcoGo

Funded by the University of Sussex, EcoGo is a free to join rewards programme for staff and students, designed to help you get around more sustainably and help tackle the climate crisis. It rewards sustainable travel for commuting and leisure trips from and to campus, and encourages regular walking, running, wheeling and cycling activity for health and wellbeing.

Other ideas from Pitch for Planet Competition:

Sustainable Gamification: gamifying sustainability on campus through a new sustainable behaviour change app

BioChar: capturing and storing carbon from the atmosphere in a new bio char fertiliser, which can then be sold to local farmers to grow lower carbon food

Sustainable fashion: upcycling second-hand clothing into next years' fashion essentials and contributing to textile recycling

Hydroponic fish tanks: growing and selling fresh produce without the need from soil – through the use of hydroponic fish tanks

'Green Impact Awards' Student Competition



At Cambridge University, Churchill College worked to tackle single-use plastics across the College with a particular focus on catering and conferencing. Their multi-faceted approach, including sourcing sustainable alternatives, resulted in an estimated 4% reduction in single-use plastics at Churchill.



The Cambridge Institute for Sustainability Leadership developed a tool to track and record their scope 1, 2 and 3 carbon emissions. They will use the outcomes and wider engagement actions to help to inform policies, processes and practices to reduce the departments' long-term footprint.

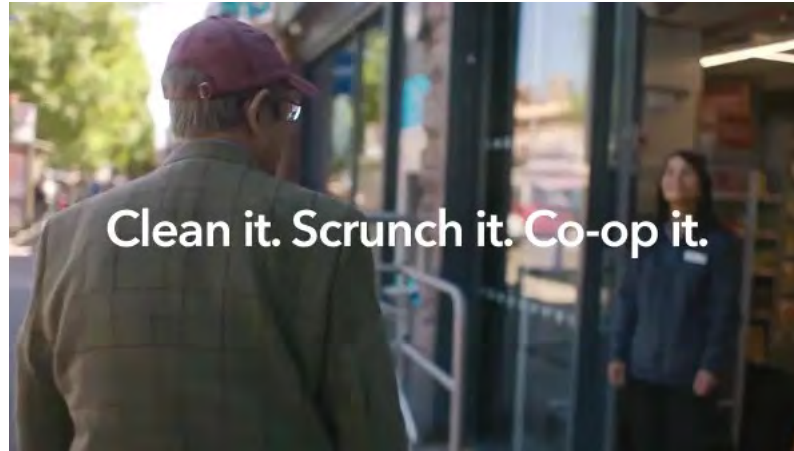


Sustainable food options at King's College and Churchill College

Other examples



The Microsoft Garage provides a platform for hackathons and ideathons all year long, including our month-long Sustainability Ideathon for Earth Day 2021 and the year-round Sustainability program using our HackBox platform for employees to collect ideas, share concepts, create projects, form teams, and inspire colleagues globally.



Co-op's new soft plastics recycling scheme has proved a huge hit since it launched in July with thousands of customers getting involved to learn, champion, and use the recycling bins in their local Co-op store. The in-store units means that all of Co-op's own food packaging is easy-to-recycle either via kerbside collection or through the in-house closed loop system.



Nightclub SWG3 in Glasgow, Scotland will trial an innovative scheme to trap body heat from the dancers on its dance floor to heat and cool various parts of its complex. Dubbed BODYHEAT, the system captures and converts human body heat created by staff and partiers inside the venue into a renewable energy source for the club to use.

Thank you

