

Third Level Students Use Multimedia to Promote Cycling



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Velo City 2019

Smarter Travel Workplaces & Campus Programme

The logo for the Smarter Travel Workplaces programme. It features the text 'smartertravel >>>' in a green and blue font, with '>>> workplaces' in a blue font below it.

smartertravel >>>
>>> workplaces

The logo for the Smarter Travel Campus programme. It features the text 'smartertravel >>>' in a green and blue font, with '>>> campus' in an orange and blue font below it.

smartertravel >>>
>>> campus

- Working with large employers and third level institutions to implement workplace travel plans
- Workplace Travel Plans are a package of measures to encourage people to walk, cycle, use public transport, carpool or reduce trips through 'smarter working'

Programme overview

Benefits of Workplace Travel Plans

- Reduced parking pressure
- Staff and student wellbeing
- Supports sustainability agenda



Programme overview

Encourage and facilitate staff and students to:

- Swap the car for another mode
- Change their habits/behaviour
- Change their patterns of travel



Smarter Travel Campus

Working with third level campuses around the country



Examples of Best Practice

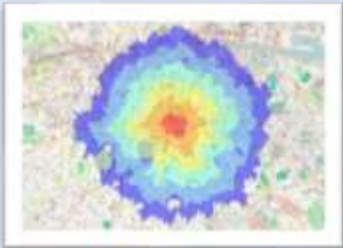


SMARTER TRAVEL
Campus Awards 2020

To see examples of last years winners
visit: www.smartertravelstudentawards.ie

smarter travel >>>
>>> campus

Cycle to Work Scheme



REBOOT YOUR COMMUTE
Join the Challenge

COMMUTER CHALLENGE
Oct 1 - Nov 11

Join the Challenge

Register at www.ccttestravelingges.ie



Programme Features and Resources

- Staff & student travel survey and report
- Accessibility maps
- Action plan
- Challenges
- **Campus Awards – students & teaching staff**
- Partner Seminars and networking
- Cycle Training
- Promotional materials



Smarter Travel Campus Awards

Aim: To engage staff and students through their field of interest to consider smarter transport options



Objectives

- Identify lecturers with the potential to include the projects as part of graded coursework
- Gain buy in from teaching staff
- Engage with and reward students
- Recognise staff, students and their campuses
- Following awards - work with campuses so that entries are shared locally & gain positive PR

Smarter Travel Campus Awards

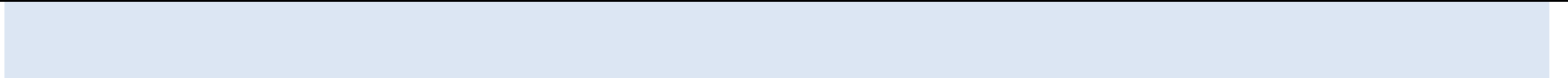
Working with lecturers

- Third level students develop projects to **facilitate, enable** and **promote** walking, **cycling**, public transport & carpooling

Courses

- Multimedia, Sport, Health, Engineering, Marketing, Event Management, Communications, Innovation & Technology

Smarter Travel Campus Awards 2019



Smarter Travel Campus Awards 2019

DEFEET EMISSIONS!

Find out in the summer or early fall how well you can reduce your carbon footprint with the Sustainability award app and get a chance to win a £500 prize!

How do I use it?
An app that encourages sustainability by (a) providing a virtual footprint.
One of the main features in the app is a qualification and an associated footprint. The aim of the game is to decrease the footprint as much as possible by being sustainable.

How do I track it?
The app is connected to Leap cards, Dublin's bus cards and you can buy train tickets. It records when you travel between public transport by linking Leap Card or simply pressing Travel Card against and tapping phone screen (a Transport for Ireland app will notify you for any other card and just using phone for all modes of transport).

What are the prizes?
A year's free bus travel for the holder of the app or a £50 voucher for the holder of the app. App also offers special promotions, days and vouchers.

How do you estimate it?
The app uses a computer program to calculate the carbon footprint for the user. The app also offers a list of activities that are considered to be sustainable and a list of activities that are considered to be unsustainable. The app also offers a list of activities that are considered to be sustainable and a list of activities that are considered to be unsustainable.

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Have a sole!
The app also offers a list of activities that are considered to be sustainable and a list of activities that are considered to be unsustainable.

Heat The World.

SMARTER TRAVEL Campus Awards 2019 FINALIST

Engineering & Innovation – Technology Finalist: Aimee Shanley Brookes, Andrew Brohan & Aimee Shanley Brookes, Dublin City University

Smarter Travel Campus Awards 2019

Universal Design Innovation
ME388



ndicycle

Mission Statement:
"To further develop the capabilities of the bicycle helmet by adding additional features that protect the cyclist more than to just protect the head"

Design
Switch similar to that of a motorcycle on the handle that you can use to indicate left and right.
Button on the break so that when the break is applied, the back of the helmet shines a red break light.

Features and Benefits

- Safe way to indicate on bicycle.
- Modular setup, do not need to buy a new helmet.
- Brake lights.
- Rechargeable battery.
- Adds more features to the helmet



Group 11
Patrick Devaney
Peter Healy
Samarth Naresh
Luke O'Higgins
Vaibhav Sethi



Trinity College Dublin
Address: Colinstown, 2006, Blackhall Lane
Dublin 15, Ireland



SMARTER TRAVEL
Campus Awards 2019

WINNER

Winners: Engineering & Innovation – Design Category:
Peter Healy, Vaibhav Sethi, Samarth Naresh, Luke O'Higgins & Patrick Devaney, Trinity College Dublin

Smarter Travel Campus Awards 2019



Engineering & Innovation – Design Finalist: Peter McKeown, Danny Deary, Arnie Sasnauskas, Niall Halloran & Conall O’Kelly, Trinity College Dublin

Smarter Travel Campus Awards 2019

Daily CO₂
Emitted by UL Student Drivers

UL Carbon Campaign

A group of our UL Environmental Society members suggested a campaign to convey how much carbon an average person may emit daily. Carbon is something we all emit in some form or another. However, carbon can be something that is very difficult to imagine or represent due to its gaseous invisibility.

As commuting by car is one of the biggest contributors to carbon emissions by most people, we chose to illustrate statistics around this, which in turn might encourage some people to use more sustainable travel options. We decided to produce two balloon like pieces, one which would be a physical object at a human scale which we could display in various locations around campus, and one would be a poster graphic which would illustrate a massive figure in a recognizable location. We chose to use a balloon-like sphere shape to communicate the idea of CO₂ being a rising gas. We chose a colour scheme of red for both pieces to be recognizable to one another and to be striking.

For the physical object, we calculated the average volume of CO₂ emitted by a single car commuting to UL daily, which equated to a sphere of a 7ft diameter. After a lot of research we sourced an inflatable ball online suitable to our idea.

For the graphic, we calculated the average volume of CO₂ emitted by all cars commuting to campus daily, which equates to a sphere of diameter approx 38m, which we decided to compare to the size of the UL Entrance Flag Poles, one of the best known UL landmarks.

**Reduce Yours;
Travel Smart**

Brought to you by
The UL Environmental Society

SMARTER TRAVEL
Campus Awards 2019

WINNER

*Health & Event Management Category Winners:
Luke O'Driscoll, William Horan, Christopher Asmus & Kate
McMahon, University of Limerick*

Benefits for staff & students

- Prizes & national recognition for staff and students
- Judged by industry experts
- Finalists invited to National Award Ceremony
- Good experience for portfolio or CV

Outcomes

- Student engagement over an academic term or longer
- Staff engagement
- Sustainability – brought into graded coursework
- Ownership/buy into the Smarter Travel agenda
- Pride & positive PR for campus, lecturer & students – win win!
- Planting seeds – behaviour change

2019 Awards Ceremony Light House Cinema Dublin



Thank you

Further information:

www.smartertravelstudentawards.ie

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