

## University of Dundee Facilities & Services Greening our F(l)eet



### Profile

- HEI
- 17,000 students (includes full and part time students)
- 3000 staff
- Urban
- 3 campuses

### About the project

#### Summary

In 2007 we initially wanted to decrease cars on campus and also to introduce low carbon vehicles to our fleet. We removed a large car park from centre of campus and turned this into our Campus Green – a new heart to our campus ♥, which we now use every graduation for garden parties, and on a monthly basis for 2<sup>nd</sup> hand bike sales & Dr. Bike (amongst other things).

Category supported by



2006-7



2007-8



2011

The same year we installed our 1<sup>st</sup> bike lockers & Sheffield Stands, joined liftshare and wrote our 1<sup>st</sup> five year Green Travel Plan. Each year we have improved facilities for active travel, reduced our fleet emissions, encouraged & increased car drivers to liftshare and increased green space (and planted more trees and wildflower areas).

## Project partners

**University of Dundee, Transport Scotland, TACTRAN, Cycling Scotland, Sustrans, Energy Savings Trust**

## The results

### The problem

Our methods of transport both to and on campus were unsustainable and polluting. We had too many cars and car parking spaces dominating areas of the campus. Very few facilities were available for walking or cycling to campus.

### The approach

Before any changes take place it is crucial to have a true measurement and scope of current facilities and travel patterns. So an assessment was required of current travel habits – a comprehensive travel survey was launched to all students and staff. We also undertook a car park audit and set up a Green Travel Group. Energy Savings Trust were contacted to undertake a Green Fleet Review.

### Our goal

1. Reduce car parking and no. of cars on campus 2. Reduce emissions from our Fleet 3. Increase Green space 4. Create a green 'heart' to the campus 5. Pedestrianise most of our campus, moving parking to the fringes 6. Create new walking and cycling routes 7. Install more shower and bike parking facilities 8. Write Green Travel Plan 9. Introduce Van and Bike pool 10. Reduce Grey fleet miles

### Obstacles and solutions

Changing car lover's behaviour	Highlighting fuel savings if they liftshared and also ability to share a parking permit thereby halving costs. Introduced dedicated liftshare parking spaces
Costs	Initially a very small budget was used on projects that we were able to get matched funding on. Every year we were able to source more grants for projects
Suitable sites	Removal of car park spaces freed up some areas. Re-arrangement of bins outside buildings created space for new Sheffield Bike racks.
Perceptions of Electric vehicles	Trialed several vehicles. Drivers took part in EST eco driving course. Had an electric pool car for staff to borrow (free) and try. Answered questions related to range anxiety

### Performance and results

1. Removed 108 car parking spaces 2. Reduced van fleet emissions by 9 tonnes/year and saved £10,000/annum in maintenance and fuel costs 3. 50% Fleet now low carbon 4. Top HE/FE liftsharer in Scotland 5. Increased bike parking by over 600% 6. 10% of staff regularly cycle to work. 7. Save over 200 Tonnes /annum through our sustainable transport measures. 8. Created a green heart to campus which has many benefits and has been used for garden parties, concerts, BBQ's, monthly Dr. Bike & bike sales, marques, picnics, stalls etc... Voted no. 1 in Scotland for student experience for 6<sup>th</sup> year in a row.

## The future

### Lessons learned

First step is the hardest, but keep going and soon the momentum becomes almost unstoppable 😊

### Sharing your project

We now have case studies on Energy Savings Trust, National Liftshare, Cycling Scotland, Choose Another Way, EAUC, Scottish Government

### What has it meant to your institution to be a Green Gown Award finalist?

Always feel good to be recognized within your sector for the work you have done. We display our Green Gown Awards with pride.

### Further information

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