

## Glyndwr University Travel Plan



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Glyndwr University Travel Plan

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## **Introduction**

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## 1 Introduction

### 1.1 Introduction

Glyndŵr University has developed this Travel Plan Strategy to improve access to the University by students, staff and visitors by all modes of travel.

Glyndŵr University, formerly known as New College; is the youngest University in Wales. The University is located on the north-western side of Wrexham found in North East Wales.

The largest campus is Plas Coch situated on Mold Road with a second site the North Wales School of Art and design at Regent Street also within Wrexham town centre. The campus lies next to Wrexham's Football Ground, and accommodates the majority of the University's programmes as shown in Figure 1. As well as the campuses within Wrexham there are 5 Glyndŵr University residence halls the Student Village and Plas Coch Hostel on the Plas Coch campus, two within Wrexham town centre and, Clwyd House approximately 3.5km from the main campus.

The travel plan is also being developed in advance of development proposals at the site for a new teaching building on their campus grounds in Wrexham.

### 1.2 Travel Plan definition, benefits and links to other strategies

A Travel Plan is a strategy for managing transport effectively. Its overall aim is to improve access by all modes of travel, ensuring a choice of travel.

According to Government research successful Travel Plans can achieve between a 3% and 30% reduction in drive alone commuting. The lowest modal shift is seen as a result of promotional measures such as car sharing and cycle measures alone. Greater modal shift can result from discounts for public transport and disincentives to drive such as car park management.

The economic and productivity advantages of Travel Plans for organisations are also well documented. These include:

- ☐ Healthier workforce resulting in increased productivity, well being and fewer sick days;
- ☐ Enhanced recruitment packages and fewer recruitment costs through increased retention of staff;
- ☐ Money savings by reducing the cost of staff reimbursement through mileage claims;
- ☐ Money savings by reducing the amount of land and maintenance required for car parking provision; and
- ☐ A revenue source through car park charging.

The Travel Plan strategy will compliment other corporate agendas and strategies: e.g. the Green Dragon Environmental Standard.

## **Site and Accessibility Audit**

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## 2 Site and Accessibility Audit

### 2.1 Introduction

An evaluation of access to Glyndwr University has been undertaken to establish the baseline arrangements for staff, student and visitor travel to the site. The focus of this audit has been the Plas Coch campus as the main site.

### 2.2 Location and Access arrangements

As shown in **Figure 1** Glyndwr University is situated within close proximity to a number of strategic routes through Wrexham, with easy access to the A483 to the west, the A5152 Chester Road to the East, and the B5425 New Road to the north. In addition, the position of the University enables the site to be accessed from a wide variety of transport modes in considering the proximate location of Wrexham General Rail Station and Wrexham Bus Station.

**Figure 2** illustrates the existing access arrangements for the site which can be described as follows:

#### *Plas Coch Road*

There are two accesses located on this route. The first provides access to the roundabout near the retail park and accommodates movement from all directions. The second vehicle access is for left-in only traffic movements.

#### *Mold Road*

The vehicle access from Mold Road is segregated to provide an "in-only" and "out-only" route. The vehicle entrance routes via the pedestrian main entrance to the University, with the vehicle exit emerging onto Mold Road from the southern end of the site.

#### *Crispin Lane*

Crispin Lane provides access to a series of small car parks that connect along the eastern boundary of the University Grounds.

### 2.3 Access on foot

The University is in the region of 700 meters from Wrexham Town Centre to the east which is approximately a 15 minute walk from the University. Although this route is relatively pedestrian friendly, the nature of the strategic road network in the area means that pedestrians/students face barriers to movement, i.e. the major roads and junctions surrounding the campus. Wrexham General Rail Station is within easy walking distance being adjacent to the site with Wrexham Central and Wrexham Town Centre 700-800 metres away.

Within the campus permeability is excellent, with a 10mph speed limit for vehicles, and ample routes for easy pedestrian movement. On-site observations revealed that during peak periods, there is the potential for conflict between vehicles and high levels of pedestrian movement through the campus.



***Pedestrian Footway access***



***Pedestrian Island***



***Separated Pedestrian walkway***

There is a lack of footways however from the pedestrian entrance off Mold Road likely to be used by students and staff travelling from the rail and bus stations. From this entrance there are no footways through the car parks and a pinch point to the south east of the Student Guild.

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**Entrance Mold Road****Pinch point internal road****CCTV coverage**

#### 2.4 Access by bicycle

Cycling access to and from the site is reasonably good with cycle lanes running on the western side of Mold Road.

**Off-road cycle lane****On-road cycle lane****Traffic and Cycle interaction**

The University has cycle parking distributed across various locations ensuring that the main University buildings provide cycle access and parking provision. There is however no undercover cycle parking.

- ☐ 8 cycle stands on south west side of the Library
- ☐ 3 cycle stands opposite south east wall of the Library
- ☐ 13 Sheffield stands south east wall of E block
- ☐ 5 Sheffield Stands courtyard made bounded by A Block, William Aston Hall, and the Health Centre
- ☐ 12 Sheffield stands within the Student Village

**Mold Road Cycle lane****On Site cycle parking**

#### 2.5 Access by bus

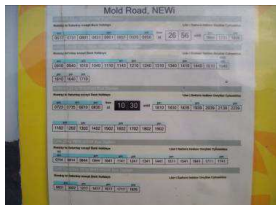
Wrexham Bus Station is approximately 700m walk from the Plas Coch Campus. There are bus stops on both sides of Mold Road adjacent to the University campus. The University is served by the 13, 15, 21, 23 and 40 services equating to 9 buses per hour to/ from Wrexham Bus Station.

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**Bus timetable at Mold Road****Bus stop on Mold Road****Bus stop on Mold Road****Table 1** Bus Frequencies

| Route | Serving                                         | Mon-Sat<br>AM      | Mon-Sat<br>PM | Sun    |
|-------|-------------------------------------------------|--------------------|---------------|--------|
| 13    | Wrexham -<br>Brymbo                             | 2 per hour         | 1 per hour    | N/A    |
| 15    | Wrexham -<br>Brymbo                             | 2 per hour         | 2 per hour    | N/A    |
| 21    | Wrexham -<br>Summerhill -<br>Wrexham            | 3 per hour         | Hourly        | Hourly |
| 23    | Wrexham -<br>Summerhill -<br>Wrexham            | 2 per hour         | N/A           | N/A    |
| 40    | Wrexham -<br>Llanfynydd -<br>Treuddyn -<br>Mold | 1 per two<br>hours | Hourly        | N/A    |

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## 2.6 Access by rail

Rail accessibility to the site is good with Wrexham General and Wrexham Central being within 500 and 800 metres walking distance respectively. The rail line into Wrexham runs adjacent to the eastern boundary of the University formed by Crispin Lane. From Wrexham General there are hourly rail services to Holyhead, Shrewsbury for Cardiff and Bidston and from Wrexham Central hourly services to Bidston.

There is service from Wrexham to London running on a Monday-Friday basis departing Wrexham at 07:00, the return journey leaves London at 18:10 taking approximately 2.5 hours.



*Train timetable Wrexham General*



*Rail Network map*



*Station signage*

## 2.7 Vehicle Parking Arrangements

There are a total of 915 car parking spaces provided within the University grounds. These are arranged into small car parks located at entrances to the main University buildings and facilities.

The management of the car park spaces is attained by designating spaces to specific uses such as for the disabled, visitors, staff and buses. The remaining spaces are allocated on a first come first served basis. All staff and students are currently eligible for car parking permits. On site security patrol and monitor car parking on site are able to clamp cars not displaying permits.

The quantity of spaces for each user group is as follows:

- ☐ 846 standard bays;
- ☐ 30 disabled bays;
- ☐ 12 bays reserved for visitors
- ☐ 12 coach/ bus bays
- ☐ 3 reserved bays for senior staff
- ☐ 6 reserved bays for the medical centre
- ☐ 6 reserved bays for pool cars

Please note that construction work occurring near to Crispin Lane has resulted in the removal of 27 car park spaces to accommodate site materials.

### *Bus/Coach parking*

There are two zones within the University grounds that accommodate parking for buses and/or coaches. Six of these spaces are reserved for mini buses which are located outside the University Library building.

## 2.8 Parking Usage Survey

To gain an understanding of how the on-site parking areas are currently utilised on a typical day, a parking beat survey was undertaken on Thursday 27 November 2008 between 07:00 – 19:00.

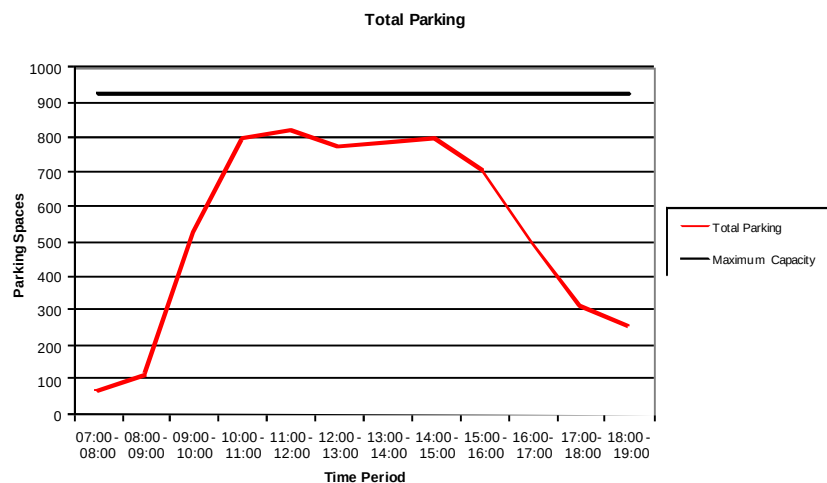
The following graph illustrates the accumulation of car parking spaces occupied and subsequently vacated over a 12 hour period from 7 am to 7pm. The maximum number of car parking spaces is also highlighted on the graph, represented as two bold lines. The solid block line represents the maximum number of car parking spaces demarcated on the site, whereas the broken line represents the temporarily reduced car parking numbers as a consequence of the construction works.

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**Graph 1** Car Parking Cumulative Curve**2.9 Catchment & Accessibility Mapping**

The University as it is in a town centre location is a destination accessible by all modes of travel. It is necessary however to consider the journey origins of staff and students to assess their level of accessibility to the site through postcode plotting and accessibility mapping using accession software. This will allow for appropriate development and targeting of travel plan measures.

Details of numbers and percentages of staff and students located within certain distances and time bands are illustrated in tables 2 and 3 below.

**Table 2** Distance students and staff are located from Glyndwr University.

| Buffer       | No. of full-time students | No. of part-time students | Student Total | Student %   | Staff      | Staff %     |
|--------------|---------------------------|---------------------------|---------------|-------------|------------|-------------|
| 0 – 1miles   | 895                       | 721                       | 1,616         | 32%         | 93         | 11%         |
| 1 – 2miles   | 350                       | 208                       | 558           | 11%         | 134        | 17%         |
| 2 – 5miles   | 251                       | 166                       | 417           | 8%          | 125        | 15%         |
| 5+           | 1,337                     | 1,121                     | 2,458         | 49%         | 459        | 57%         |
| <b>Total</b> | <b>2,833</b>              | <b>2,216</b>              | <b>5,049</b>  | <b>100%</b> | <b>811</b> | <b>100%</b> |

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**Table 3** Public Transport Access –staff & students who have access to public transport within journey times of 15, 30, 45, and 60 minutes of University.

| Buffer           | No. of full-time students | No. of part-time students | Student Total | Student % | Staff | Staff % |
|------------------|---------------------------|---------------------------|---------------|-----------|-------|---------|
| 0 - 15 mins      | 592                       | 779                       | 1,371         | 27%       | 92    | 11%     |
| 15 - 30 mins     | 472                       | 665                       | 1,137         | 23%       | 232   | 29%     |
| 30 - 45 mins     | 175                       | 293                       | 468           | 9%        | 109   | 13%     |
| 45 - 60 mins     | 175                       | 228                       | 403           | 8%        | 87    | 11%     |
| 60 - 75 mins     | 157                       | 189                       | 346           | 7%        | 43    | 5%      |
| 75 +             | 242                       | 261                       | 503           | 10%       | 58    | 7%      |
| No accessibility | 403                       | 417                       | 820           | 16%       | 190   | 23%     |
| Total            | 2,833                     | 2,216                     | 5,049         | 100%      | 811   | 100%    |

**Figures 3 and 5** illustrate student postcode locations and public transport accessibility. 32% of students live under 1 mile from the campus and 51% within 5 miles. 27% of staff live within 15 minutes travel time by public transport and 50% within 30 minutes public transport journey time. 33% live over an hour away by public transport.

**Figures 4 and 6** illustrate staff locations and public transport accessibility. 11% of staff live within 1 mile of the Plas Coch campus and 43% within 5 miles. Looking at public transport accessibility 11% of staff live within 15 minutes travel time by public transport and 40% within 30 minutes public transport journey time. 35% live over an hour away by public transport.

Relatively quick journeys tend to follow rail corridors to the northeast of Wrexham (Hope), to the northwest (Chester) and to the south east (Ruabon).

As shown almost all staff and students who are located within a 2 mile radius of the University can access the campus in less than 30 minutes by public transport. The exceptions to this generalisation are three employees located to the northeast and southwest of Wrexham.

The drawings show that the current public transport services are inaccessible to a large number of students attending the University. Consequently, this will place a high dependency on the private car as it is, in most cases, the only viable mode of transport to and from the University Campuses.

## 2.10 Access Arrangements to/ between other University sites

The university's second campus within Wrexham town centre is on Regent Street within 5 minutes walk of the Plas Coch campus closer to the Centre of town and the bus station and Wrexham central. The site also has cycle parking available. There is also cycle parking available at the two off campus halls of residence which are also within easy walking, cycling distance of the main campus. A third residence hall Clwyd House is approximately 3 miles from the town centre and is poorly served by public transport and has no facilities for cycle parking.

## 2.11 Summary

The Plas Coch Campus site is well located given its proximity to the town centre, cycle routes, bus stops and rail station and accessible by all modes of travel. There are however a relative ly poor frequency bus and rail services to the site. Analysis of the location of staff and students suggests there are high numbers within walking and cycling distance of the campus with scope to promote both these modes. There are still however a large proportion falling outside public transport accessibility and car sharing needs to be considered as one of the main focuses for travel to the site to reduce single occupancy car use.

## **Survey Results**

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### 3 Survey Results

#### 3.1 Introduction

To establish a baseline modal split and to identify appropriate measures for implementation a survey has been undertaken of both students and staff. An online survey was undertaken in February 2009 and the survey results were analysed using SPSS. It is recommended that repeat surveys be undertaken at a similar time of year to ensure consistency. This section provides a summary of the key results which will help determine the most appropriate measures for introduction at the university. The survey questions and results tables are included as Appendix 1. Cross tabulations have been undertaken to analyse survey results further comparing mode of travel to distance travelled, journey time and alternative mode. For staff further analysis has been undertaken for staff to compare mode of travel to work to need to leave the campus on work business during the working day.

The current staff and student modal split is shown in Table 4 and Graphs 1 and 2 below.

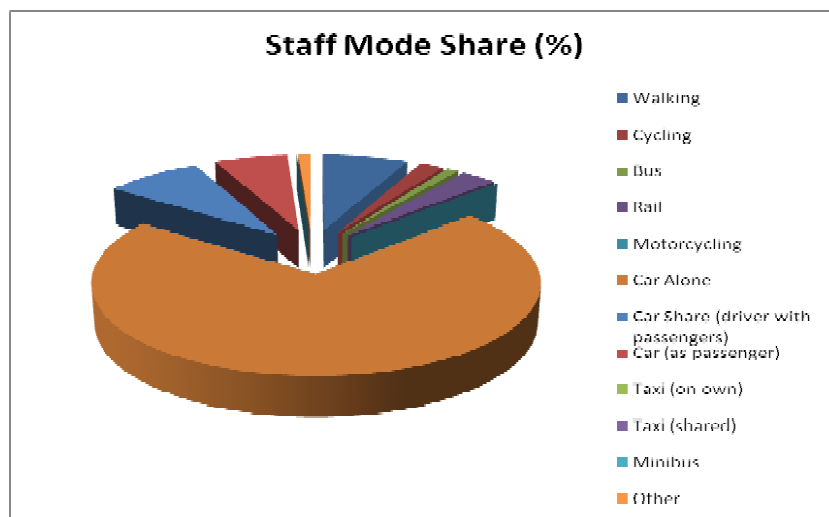
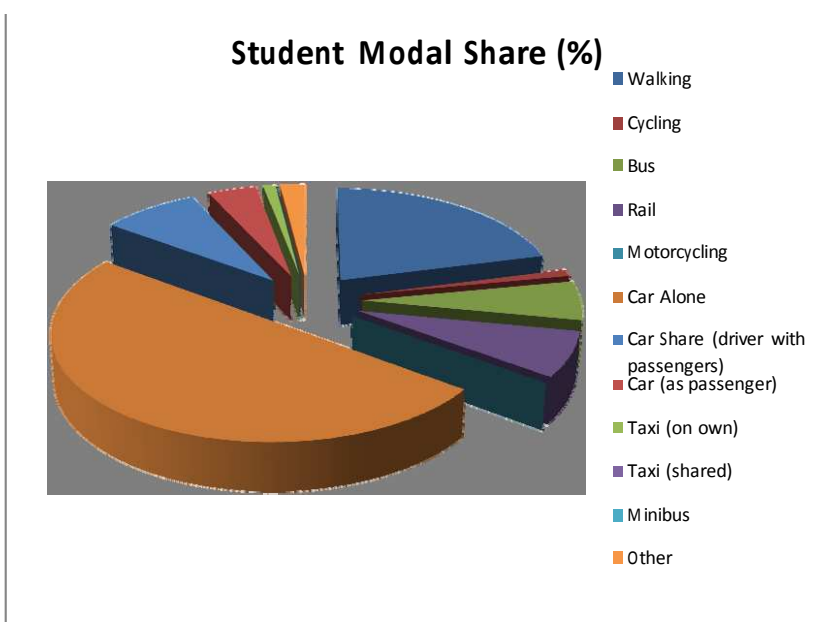
**Table 4** Current Modal Split

| Mode                               | Staff Mode Share (%) | Student Modal Share (%) |
|------------------------------------|----------------------|-------------------------|
|                                    |                      |                         |
| Walking                            | 7                    | 21                      |
| Cycling                            | 2                    | 1                       |
| Bus                                | 1                    | 6                       |
| Rail                               | 3                    | 7                       |
| Motorcycling                       | 0                    | 0                       |
| Car Alone                          | 71                   | 50                      |
| Car Share (driver with passengers) | 8                    | 8                       |
| Car (as passenger)                 | 6                    | 4                       |
| Taxi (on own)                      | 1                    | 1                       |
| Taxi (shared)                      | 0                    | 0                       |
| Minibus                            | 0                    | 0                       |
| Other                              | 1                    | 2                       |

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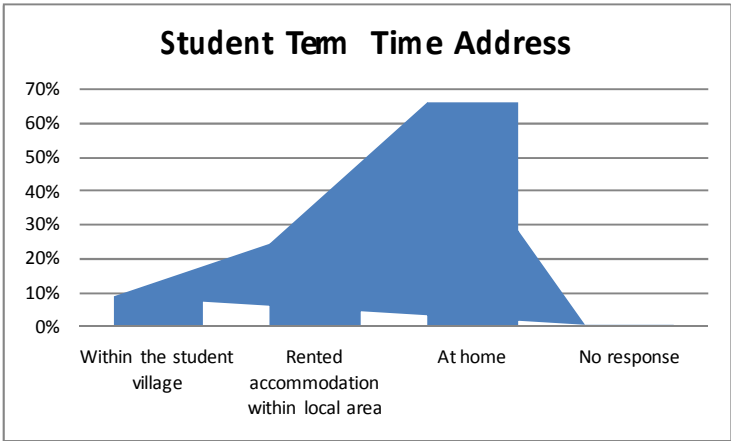
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Capabilitieson project:  
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Currently over 70% of staff and 50% of students travel to work alone by car. For students the second most well used mode is walking with 21% walking to campus. Few staff use public transport with only 1% travelling by bus and 3% by rail. Public transport use is higher among students with 6% and 7% respectively travelling by bus and rail. For staff after car alone the next most well used form of travel is car share with 14%. 12% of students are currently car sharing to campus.

3.2 Student Survey Results

Graph 3 Student Term Time Address



Students were asked where they lived 9% lived within the student village at Plas Coch, 25% within the local area and 66% at home. With the majority living at home away from campus as also illustrated in the postcode mapping it is important to ensure that University is accessible by all modes of travel.

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|                                                                                                             |                              | What is the approximate distance between your term-time home and main campus (one direction only)? |                               |                                |                                 |                                  |               |
|-------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------|---------------------------------|----------------------------------|---------------|
|                                                                                                             |                              | Less than one mile                                                                                 | Over 1 mile and up to 2 miles | Over 2 miles and up to 5 miles | Over 5 miles and up to 10 miles | Over 10 miles and up to 20 miles | Over 20 miles |
| Which of the following modes of transport covers the most significant part of your usual journey to campus? | Walking                      | 33                                                                                                 | 12                            | 6                              | 1                               | 0                                | 1             |
|                                                                                                             | Bicycle                      | 89%                                                                                                | 39%                           | 21%                            | 5%                              | 0%                               | 1%            |
|                                                                                                             |                              | 0                                                                                                  | 1                             | 1                              | 0                               | 1                                | 0             |
|                                                                                                             |                              | 0%                                                                                                 | 3%                            | 3%                             | 0%                              | 2%                               | 0%            |
|                                                                                                             | Bus                          | 0                                                                                                  | 1                             | 1                              | 2                               | 8                                | 4             |
|                                                                                                             |                              | 0%                                                                                                 | 3%                            | 3%                             | 9%                              | 13%                              | 6%            |
|                                                                                                             | Train                        | 0                                                                                                  | 0                             | 1                              | 4                               | 5                                | 9             |
|                                                                                                             |                              | 0%                                                                                                 | 0%                            | 3%                             | 18%                             | 8%                               | 13%           |
|                                                                                                             | Motorbike/ moped             | 0                                                                                                  | 0                             | 0                              | 0                               | 0                                | 0             |
|                                                                                                             |                              | 0%                                                                                                 | 0%                            | 0%                             | 0%                              | 0%                               | 0%            |
|                                                                                                             | Car (on own)                 | 3                                                                                                  | 12                            | 16                             | 11                              | 39                               | 44            |
|                                                                                                             |                              | 8%                                                                                                 | 39%                           | 55%                            | 50%                             | 64%                              | 61%           |
|                                                                                                             | Car (driver with passengers) | 0                                                                                                  | 1                             | 0                              | 3                               | 6                                | 10            |
|                                                                                                             |                              | 0%                                                                                                 | 3%                            | 0%                             | 14%                             | 10%                              | 14%           |
|                                                                                                             | Car (as passenger)           | 0                                                                                                  | 2                             | 3                              | 1                               | 2                                | 2             |
|                                                                                                             |                              | 0%                                                                                                 | 6%                            | 10%                            | 5%                              | 3%                               | 3%            |
|                                                                                                             | Taxi (on own)                | 0                                                                                                  | 1                             | 1                              | 0                               | 0                                | 0             |
|                                                                                                             |                              | 0%                                                                                                 | 3%                            | 3%                             | 0%                              | 0%                               | 0%            |
|                                                                                                             | Taxi (shared)                | 1                                                                                                  | 1                             | 0                              | 0                               | 0                                | 2             |
|                                                                                                             |                              | 3%                                                                                                 | 3%                            | 0%                             | 0%                              | 0%                               | 3%            |
|                                                                                                             | Mini bus                     | 0                                                                                                  | 0                             | 0                              | 0                               | 0                                | 0             |
|                                                                                                             |                              | 0%                                                                                                 | 0%                            | 0%                             | 0%                              | 0%                               | 0%            |
|                                                                                                             | Other                        | 0                                                                                                  | 0                             | 0                              | 0                               | 0                                | 0             |
|                                                                                                             |                              | 0%                                                                                                 | 0%                            | 0%                             | 0%                              | 0%                               | 0%            |

Table 5 above indicates that 89% of students living within 1 mile of the main campus walk to University. However 8% of those living under a mile drive and 39% of those living within 1 and 2 miles of the University drive. Results indicate as expected that of students living further away the highest percentage are travelling by car there is however some car sharing and use of public transport. There is scope for journeys within 5 miles to increase the use of public transport and cycling.

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**Table 6** Cross Tabulation journey time and mode of travel.

|                                                                                                             |                              | How long does it currently take you to get to the campus where you mainly study? |               |               |               |
|-------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------|---------------|---------------|---------------|
|                                                                                                             |                              | Less than 15 minutes                                                             | 16-30 minutes | 31-60 minutes | 61-90 minutes |
| Which of the following modes of transport covers the most significant part of your usual journey to campus? | Walking                      | 33                                                                               | 19            | 1             | 0             |
|                                                                                                             |                              | 51%                                                                              | 22%           | 1%            | 0%            |
|                                                                                                             | Bicycle                      | 1                                                                                | 2             | 0             | 0             |
|                                                                                                             |                              | 2%                                                                               | 2%            | 0%            | 0%            |
|                                                                                                             | Bus                          | 0                                                                                | 3             | 8             | 5             |
|                                                                                                             |                              | 0%                                                                               | 3%            | 10%           | 22%           |
|                                                                                                             | Train                        | 1                                                                                | 8             | 4             | 6             |
|                                                                                                             |                              | 2%                                                                               | 9%            | 5%            | 26%           |
|                                                                                                             | Motorbike/ moped             | 0                                                                                | 0             | 0             | 0             |
|                                                                                                             |                              | 0%                                                                               | 0%            | 0%            | 0%            |
|                                                                                                             | Car (on own)                 | 25                                                                               | 42            | 48            | 9             |
|                                                                                                             |                              | 38%                                                                              | 49%           | 62%           | 39%           |
|                                                                                                             | Car (driver with passengers) | 0                                                                                | 6             | 11            | 3             |
|                                                                                                             |                              | 0%                                                                               | 7%            | 14%           | 13%           |
|                                                                                                             | Car (as passenger)           | 3                                                                                | 4             | 3             | 0             |
|                                                                                                             |                              | 5%                                                                               | 5%            | 4%            | 0%            |
|                                                                                                             | Taxi (on own)                | 0                                                                                | 2             | 0             | 0             |
|                                                                                                             |                              | 0%                                                                               | 2%            | 0%            | 0%            |
|                                                                                                             | Taxi (shared)                | 2                                                                                | 0             | 2             | 0             |
|                                                                                                             |                              | 3%                                                                               | 0%            | 3%            | 0%            |
|                                                                                                             | Mini bus                     | 0                                                                                | 0             | 0             | 0             |
|                                                                                                             |                              | 0%                                                                               | 0%            | 0%            | 0%            |
|                                                                                                             | Other                        | 0                                                                                | 0             | 0             | 0             |
|                                                                                                             |                              | 0%                                                                               | 0%            | 0%            | 0%            |

Table 6 above indicates that some students are willing to travel up to 90 minutes to study at the University by bus and train as well as by car alone and car sharing. Students are walking and cycling up to 30 minutes to campus.



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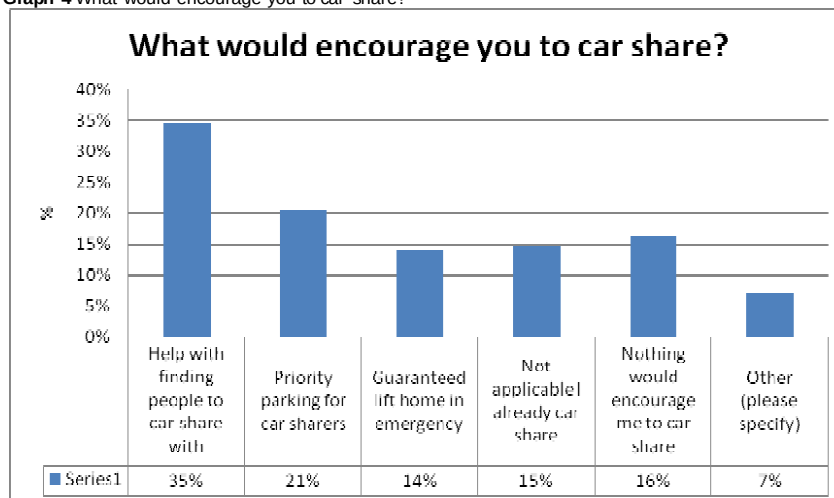
17

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Transportation

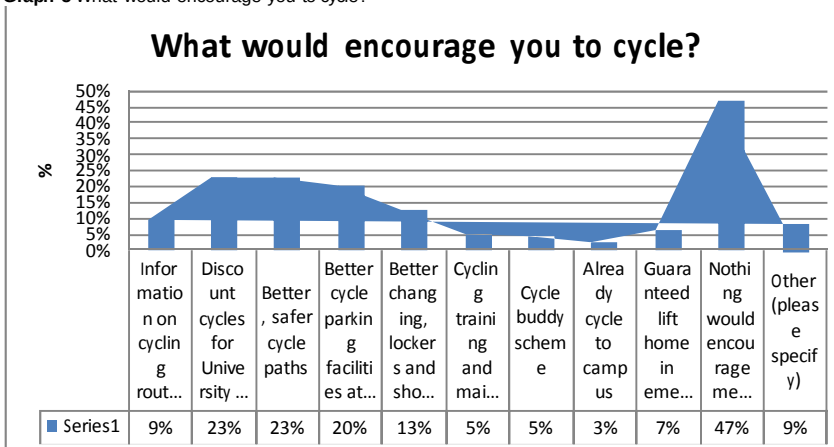
Table 7 above illustrates that a high number of current car users have a sustainable mode available as an alternative if their car were unavailable.

To assist in the identification of suitable travel plan measures for introduction respondents were asked to indicate what would encourage them to use more sustainable modes of travel and if they were car drivers why.

**Graph 4** What would encourage you to car share?



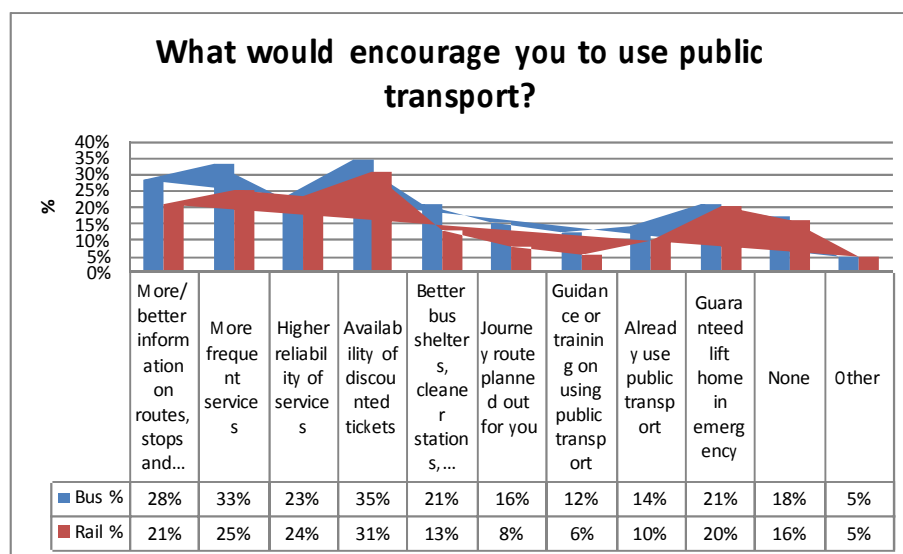
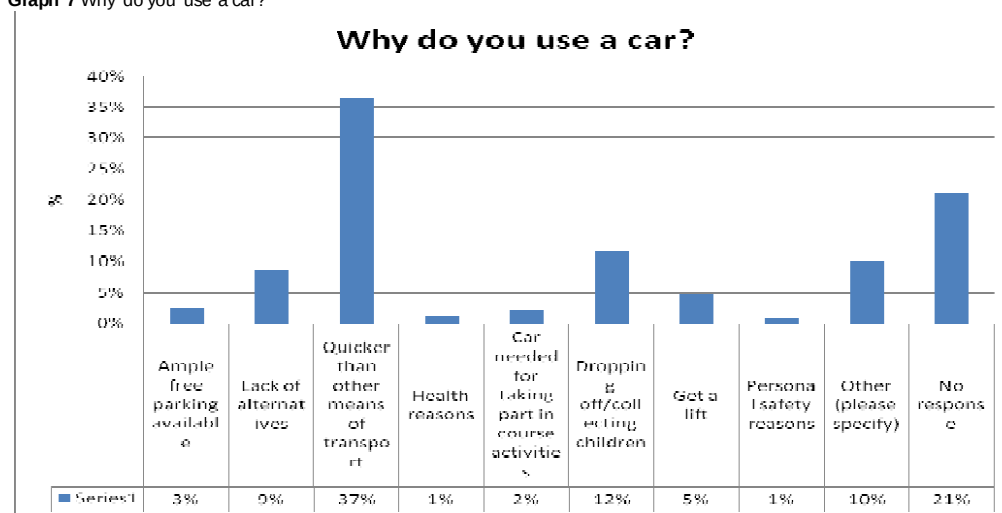
**Graph 5** What would encourage you to cycle?



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Capabilities project:  
Transportation**Graph 6** What would encourage you to use public transport?**Graph 7** Why do you use a car?

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- ☐ 23% would like to see discounts at cycle shops
- ☐ 20% would like to see a guaranteed lift home in an emergency
- ☐ Over 30% would like to see public transport discounts
- ☐ 37% of car drivers drove because it was faster/more convenient

**Table 8** Travel Plan Measures Awareness

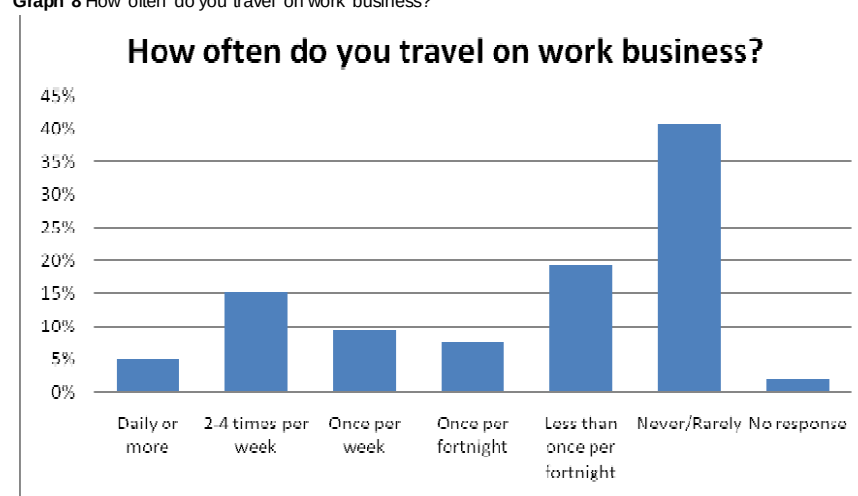
Are you aware of the following initiatives already in place at Glyndwr University?

|                              |     |
|------------------------------|-----|
| Cycle parking                | 35% |
| Showers within sports centre | 25% |
| Pool bikes                   | 6%  |

Students were asked if they were aware of facilities already in place to encourage travel by sustainable modes. 35% were aware of cycle parking and a quarter of respondents were aware of showers available for use.

### 3.3 Staff Travel Survey Results

**Graph 8** How often do you travel on work business?



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Capabilitieson project:  
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|                                                                                                             |                              | What is the approximate distance between your term-time home and main campus (one direction only)? |                               |                                |                                 |                                  |               |
|-------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------|---------------------------------|----------------------------------|---------------|
|                                                                                                             |                              | Less than one mile                                                                                 | Over 1 mile and up to 2 miles | Over 2 miles and up to 5 miles | Over 5 miles and up to 10 miles | Over 10 miles and up to 20 miles | Over 20 miles |
| Which of the following modes of transport covers the most significant part of your usual journey to campus? | Walking                      | 3<br>50.00%                                                                                        | 11<br>34.40%                  | 1<br>1.90%                     | 1<br>2.90%                      | 0<br>0.00%                       | 0<br>0.00%    |
|                                                                                                             | Bicycle                      | 1<br>16.70%                                                                                        | 1<br>3.10%                    | 2<br>3.80%                     | 0<br>0.00%                      | 0<br>0.00%                       | 0<br>0.00%    |
|                                                                                                             | Bus                          | 0<br>0.00%                                                                                         | 0<br>0.00%                    | 2<br>3.80%                     | 0<br>0.00%                      | 0<br>0.00%                       | 0<br>0.00%    |
|                                                                                                             | Train                        | 0<br>0.00%                                                                                         | 0<br>0.00%                    | 0<br>0.00%                     | 1<br>2.90%                      | 3<br>5.80%                       | 3<br>7.30%    |
|                                                                                                             | Motorbike/<br>moped          | 0<br>0.00%                                                                                         | 0<br>0.00%                    | 0<br>0.00%                     | 0<br>0.00%                      | 0<br>0.00%                       | 0<br>0.00%    |
|                                                                                                             | Car (on own)                 | 1<br>16.70%                                                                                        | 14<br>43.80%                  | 38<br>71.70%                   | 23<br>67.60%                    | 44<br>84.60%                     | 34<br>82.90%  |
|                                                                                                             | Car (driver with passengers) | 1<br>16.70%                                                                                        | 3<br>9.40%                    | 4<br>7.50%                     | 3<br>8.80%                      | 4<br>7.70%                       | 3<br>7.30%    |
|                                                                                                             | Car (as passenger)           | 0<br>0.00%                                                                                         | 3<br>9.40%                    | 4<br>7.50%                     | 6<br>17.60%                     | 1<br>1.90%                       | 0<br>0.00%    |
|                                                                                                             | Taxi (on own)                | 0<br>0.00%                                                                                         | 0<br>0.00%                    | 1<br>1.90%                     | 0<br>0.00%                      | 0<br>0.00%                       | 0<br>0.00%    |
|                                                                                                             | Taxi (shared)                | 0<br>0.00%                                                                                         | 0<br>0.00%                    | 0<br>0.00%                     | 0<br>0.00%                      | 0<br>0.00%                       | 0<br>0.00%    |
|                                                                                                             | Mini bus                     | 0<br>0.00%                                                                                         | 0<br>0.00%                    | 0<br>0.00%                     | 0<br>0.00%                      | 0<br>0.00%                       | 0<br>0.00%    |
|                                                                                                             | Other                        | 0<br>0.00%                                                                                         | 0<br>0.00%                    | 1<br>1.90%                     | 0<br>0.00%                      | 0<br>0.00%                       | 1<br>2.40%    |

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Table 9 above indicates that nearly 44% of staff living between 1 and 2 miles of the University travel by car. There is limited use of public transport by staff; there is scope to encourage use public transport in fav our of the car for journeys between 5 and 10 miles to the university.

**Table 10** Cross Tabulation journey time and mode of travel.

|                                                                                                             |                              | How long does it currently take you to get to the campus where you work? |               |               |               |
|-------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------|---------------|---------------|---------------|
|                                                                                                             |                              | Less than 15 minutes                                                     | 16-30 minutes | 31-60 minutes | 61-90 minutes |
| Which of the following modes of transport covers the most significant part of your usual journey to campus? | Walking                      | 2<br>2.90%                                                               | 12<br>14.50%  | 2<br>3.80%    | 0<br>0.00%    |
|                                                                                                             | Bicycle                      | 3<br>4.40%                                                               | 0<br>0.00%    | 1<br>1.90%    | 0<br>0.00%    |
|                                                                                                             | Bus                          | 0<br>0.00%                                                               | 1<br>1.20%    | 1<br>1.90%    | 0<br>0.00%    |
|                                                                                                             | Train                        | 0<br>0.00%                                                               | 0<br>0.00%    | 5<br>9.40%    | 1<br>10.00%   |
|                                                                                                             | Motorbike/<br>moped          | 0<br>0.00%                                                               | 0<br>0.00%    | 0<br>0.00%    | 0<br>0.00%    |
|                                                                                                             | Car (on own)                 | 46<br>67.60%                                                             | 57<br>68.70%  | 40<br>75.50%  | 8<br>80.00%   |
|                                                                                                             | Car (driver with passengers) | 7<br>10.30%                                                              | 8<br>9.60%    | 3<br>5.70%    | 0<br>0.00%    |
|                                                                                                             | Car (as passenger)           | 9<br>13.20%                                                              | 4<br>4.80%    | 1<br>1.90%    | 0<br>0.00%    |
|                                                                                                             | Taxi (on own)                | 1<br>1.50%                                                               | 0<br>0.00%    | 0<br>0.00%    | 0<br>0.00%    |
|                                                                                                             | Taxi (shared)                | 0<br>0.00%                                                               | 0<br>0.00%    | 0<br>0.00%    | 0<br>0.00%    |
|                                                                                                             | Mini bus                     | 0<br>0.00%                                                               | 0<br>0.00%    | 0<br>0.00%    | 0<br>0.00%    |
|                                                                                                             | Other                        | 0<br>0.00%                                                               | 1<br>1.20%    | 0<br>0.00%    | 1<br>10.00%   |

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Capabilitieon project:  
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|                                                                                                                                    |                                    | Which of the following modes of transport would you be most likely to use to travel to campus if your regular mode of travel were unavailable? |          |           |           |                     |                 |                                    |                       |                  |                  |          |           |
|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|-----------|---------------------|-----------------|------------------------------------|-----------------------|------------------|------------------|----------|-----------|
|                                                                                                                                    |                                    | Walking                                                                                                                                        | Bicycle  | Bus       | Train     | Motorbike/<br>moped | Car (on<br>own) | Car (driver<br>with<br>passengers) | Car (as<br>passenger) | Taxi (on<br>own) | Taxi<br>(shared) | Mini bus | Other     |
| Which of the following modes of transport covers the most significant part of your usual journey to campus? (Please tick one only) | Walking                            | 3<br>10%                                                                                                                                       | 3<br>23% | 1<br>2%   | 0<br>0%   | 0<br>0%             | 3<br>12%        | 0<br>0%                            | 3<br>8%               | 2<br>14%         | 0<br>0%          | 0<br>0%  | 1<br>7%   |
|                                                                                                                                    | Bicycle                            | 3<br>10%                                                                                                                                       | 0<br>0%  | 0<br>0%   | 0<br>0%   | 0<br>0%             | 1<br>4%         | 0<br>0%                            | 0<br>0%               | 0<br>0%          | 0<br>0%          | 0<br>0%  | 0<br>0%   |
|                                                                                                                                    | Bus                                | 0<br>0%                                                                                                                                        | 1<br>8%  | 0<br>0%   | 0<br>0%   | 0<br>0%             | 0<br>0%         | 0<br>0%                            | 0<br>0%               | 1<br>7%          | 0<br>0%          | 0<br>0%  | 0<br>0%   |
|                                                                                                                                    | Train                              | 0<br>0%                                                                                                                                        | 0<br>0%  | 2<br>4%   | 0<br>0%   | 0<br>0%             | 2<br>8%         | 0<br>0%                            | 2<br>6%               | 0<br>0%          | 0<br>0%          | 0<br>0%  | 1<br>7%   |
|                                                                                                                                    | Motorbike/<br>moped                | 0<br>0%                                                                                                                                        | 0<br>0%  | 0<br>0%   | 0<br>0%   | 0<br>0%             | 0<br>0%         | 0<br>0%                            | 0<br>0%               | 0<br>0%          | 0<br>0%          | 0<br>0%  | 0<br>0%   |
|                                                                                                                                    | Car (on<br>own)                    | 19<br>66%                                                                                                                                      | 7<br>54% | 34<br>76% | 38<br>95% | 1<br>100%           | 12<br>48%       | 0<br>0%                            | 24<br>67%             | 9<br>64%         | 1<br>100%        | 0<br>0%  | 10<br>71% |
|                                                                                                                                    | Car (driver<br>with<br>passengers) | 2<br>7%                                                                                                                                        | 1<br>8%  | 0<br>0%   | 2<br>5%   | 0<br>0%             | 4<br>16%        | 1<br>100%                          | 6<br>17%              | 0<br>0%          | 0<br>0%          | 0<br>0%  | 2<br>14%  |
|                                                                                                                                    | Car (as<br>passenger)              | 2<br>7%                                                                                                                                        | 1<br>8%  | 8<br>18%  | 0<br>0%   | 0<br>0%             | 2<br>8%         | 0<br>0%                            | 1<br>3%               | 0<br>0%          | 0<br>0%          | 0<br>0%  | 0<br>0%   |
|                                                                                                                                    | Taxi (on<br>own)                   | 0<br>0%                                                                                                                                        | 0<br>0%  | 0<br>0%   | 0<br>0%   | 0<br>0%             | 0<br>0%         | 0<br>0%                            | 0<br>0%               | 1<br>7%          | 0<br>0%          | 0<br>0%  | 0<br>0%   |
|                                                                                                                                    | Taxi<br>(shared)                   | 0<br>0%                                                                                                                                        | 0<br>0%  | 0<br>0%   | 0<br>0%   | 0<br>0%             | 0<br>0%         | 0<br>0%                            | 0<br>0%               | 0<br>0%          | 0<br>0%          | 0<br>0%  | 0<br>0%   |
|                                                                                                                                    | Mini bus                           | 0<br>0%                                                                                                                                        | 0<br>0%  | 0<br>0%   | 0<br>0%   | 0<br>0%             | 0<br>0%         | 0<br>0%                            | 0<br>0%               | 0<br>0%          | 0<br>0%          | 0<br>0%  | 0<br>0%   |
|                                                                                                                                    | Other                              | 0<br>0%                                                                                                                                        | 0<br>0%  | 0<br>0%   | 0<br>0%   | 0<br>0%             | 1<br>4%         | 0<br>0%                            | 0<br>0%               | 1<br>7%          | 0<br>0%          | 0<br>0%  | 0<br>0%   |

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Table 11 above illustrates that a high number of staff car users have a sustainable mode available as an alternative if their car were unavailable indicating scope to promote alternative modes to staff.

**Table 12** Cross Tabulation Work need and Mode of Travel

|                                                                                                             |                              | How often do you need to leave the University during the day on work business? |                    |               |                    |                              |               |
|-------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------|--------------------|---------------|--------------------|------------------------------|---------------|
|                                                                                                             |                              | Daily or more                                                                  | 2-4 times per week | Once per week | Once per fortnight | Less than once per fortnight | Never/ Rarely |
| Which of the following modes of transport covers the most significant part of your usual journey to campus? | Walking                      | 0<br>0%                                                                        | 0<br>0%            | 1<br>5%       | 1<br>6%            | 2<br>5%                      | 12<br>13%     |
|                                                                                                             | Bicycle                      | 1<br>9%                                                                        | 1<br>3%            | 0<br>0%       | 0<br>0%            | 1<br>2%                      | 1<br>1%       |
|                                                                                                             | Bus                          | 0<br>0%                                                                        | 0<br>0%            | 0<br>0%       | 0<br>0%            | 0<br>0%                      | 2<br>2%       |
|                                                                                                             | Train                        | 0<br>0%                                                                        | 1<br>3%            | 1<br>5%       | 1<br>6%            | 3<br>7%                      | 1<br>1%       |
|                                                                                                             | Motorbike/ moped             | 0<br>0%                                                                        | 0<br>0%            | 0<br>0%       | 0<br>0%            | 0<br>0%                      | 0<br>0%       |
|                                                                                                             | Car (on own)                 | 8<br>73%                                                                       | 29<br>85%          | 16<br>73%     | 14<br>82%          | 34<br>77%                    | 56<br>60%     |
|                                                                                                             | Car (driver with passengers) | 2<br>18%                                                                       | 0<br>0%            | 2<br>9%       | 1<br>6%            | 3<br>7%                      | 10<br>11%     |
|                                                                                                             | Car (as passenger)           | 0<br>0%                                                                        | 2<br>6%            | 2<br>9%       | 0<br>0%            | 1<br>2%                      | 9<br>10%      |
|                                                                                                             | Taxi (on own)                | 0<br>0%                                                                        | 0<br>0%            | 0<br>0%       | 0<br>0%            | 0<br>0%                      | 1<br>1%       |
|                                                                                                             | Taxi (shared)                | 0<br>0%                                                                        | 0<br>0%            | 0<br>0%       | 0<br>0%            | 0<br>0%                      | 0<br>0%       |
|                                                                                                             | Mini bus                     | 0<br>0%                                                                        | 0<br>0%            | 0<br>0%       | 0<br>0%            | 0<br>0%                      | 0<br>0%       |
|                                                                                                             | Other                        | 0<br>0%                                                                        | 1<br>3%            | 0<br>0%       | 0<br>0%            | 0<br>0%                      | 1<br>1%       |

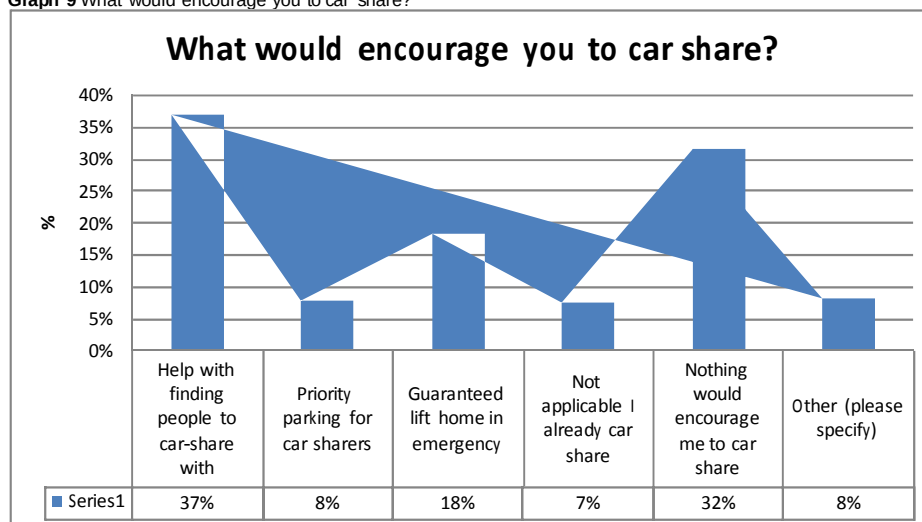
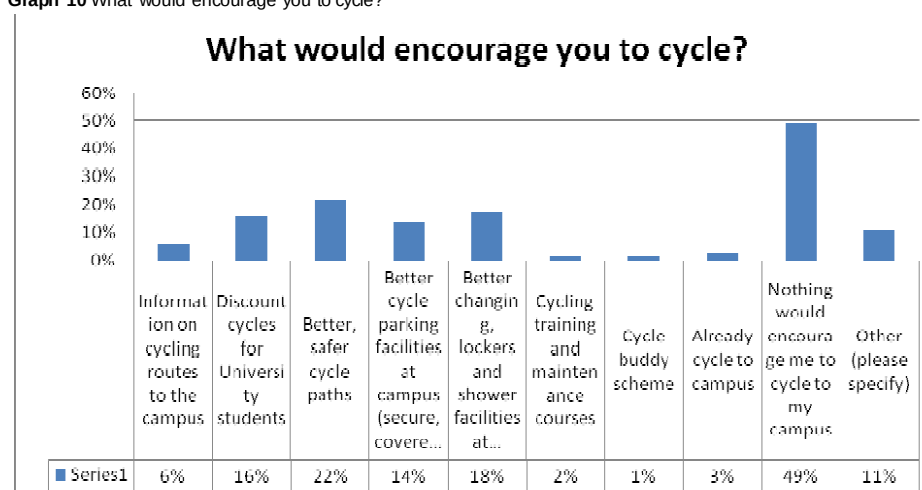
Staff were asked how often they left campus on University business. Table 12 shows that of those who never or rarely left campus 60% were single occupancy car users. There were also a number of staff using sustainable modes that are required to leave campus on work business.

To assist in the identification of suitable travel plan measures for introduction respondents were asked to indicate what would encourage them to use more sustainable modes of travel and if they were car drivers why.

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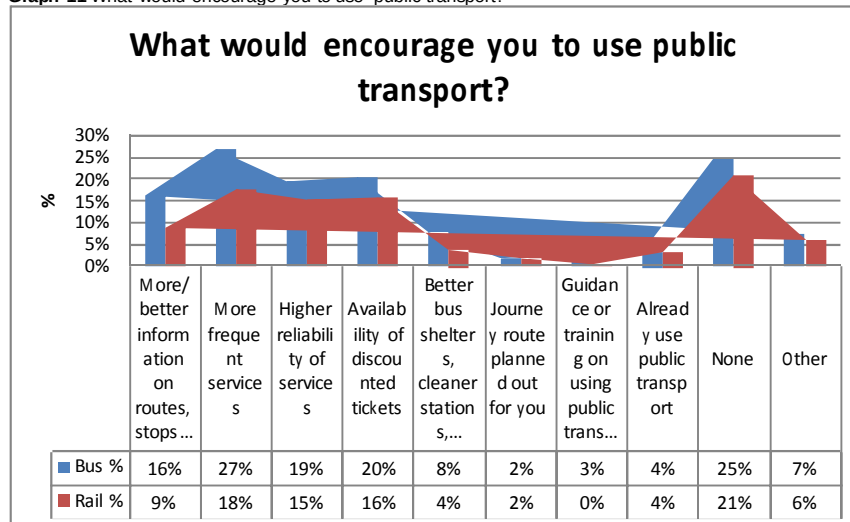
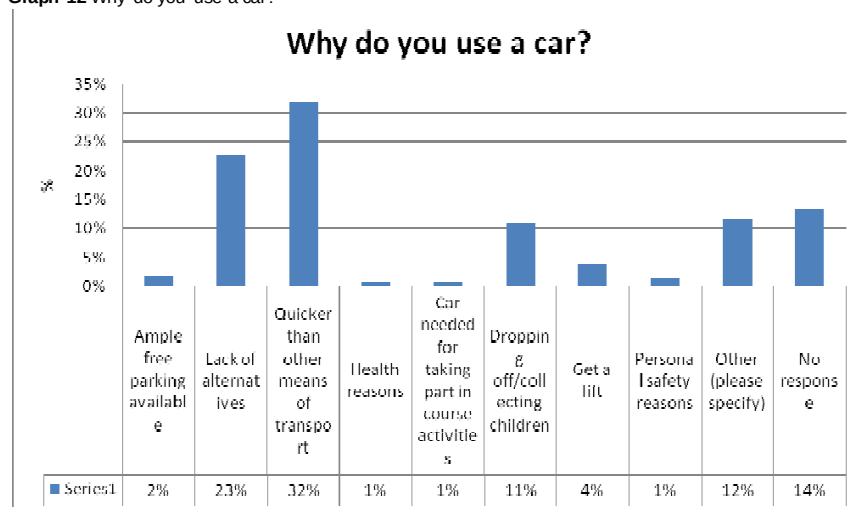
Capabilities project:  
Transportation**Graph 9** What would encourage you to car share?**Graph 10** What would encourage you to cycle?

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Capabilities project:  
Transportation

**Graph 11** What would encourage you to use public transport?**Graph 12** Why do you use a car?

- ☐ 16% would like to see discounts at cycle shops
- ☐ Up to 20% would like to see public transport discounts
- ☐ 32% of car drivers drove because it was faster/more convenient
- ☐ 37% would like help finding a car share partner

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Transportation

- ☐ 18% would like to see a guaranteed lift home in an emergency
- ☐ 32% would like to see improved cycle facilities either covered cycle parking or showers and lockers.

**Table 13** Travel Plan Measures Awareness

Are you aware of the following initiatives already in place at Glyndwr University?

|                              |     |
|------------------------------|-----|
| Cycle parking                | 46% |
| Showers within sports centre | 49% |
| Pool bikes                   | 25% |
| Pool cars                    | 62% |

Staff were asked if they were aware of facilities already in place to promote sustainable modes of travel almost half were aware of cycle parking and showers with over 60% aware of pool cars. Only a quarter of respondents knew that pool cycles were available.

### 3.4 Summary

In summary survey results of staff and students indicate that there are sustainable travel options for a number of staff and students to use to the University and willingness to use alternatives if certain measures were introduced. The majority of staff do not need to leave the campus frequently on University business. There are however a high number of staff and students living outside the public transport catchments pointing towards the need to support car sharing.

### **Travel Plan Progress to date**

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## 4 Travel Plan Progress to date

### 4.1 Introduction

Although not formalised within a Travel Plan Strategy the University has shown its commitment to improving accessibility to its sites and to reducing its carbon footprint by successfully progressing a number of Travel Plan measures detailed below.

### 4.2 Facilities

As illustrated within figure 2 there have been a number of cycle parking locations introduced across the university campus. These are complimented by shower facilities within the sports centre.

There are also pool bikes and pool cars available for staff use on University business.

Currently all students and staff are eligible for car parking permits. The car park is patrolled by security guards who can enforce against illegal parking through clamping. Within the car park there are a number of reserved spaces for the medical centre, pool cars and senior members of staff the Vice Chancellor, Chancellor and Chair of the Board

The University also operates a small vehicle fleet of maintenance vans and 4 minibuses used for sports teams, fieldtrips, transporting to teacher training placements. An airport pick up service for international students has recently been withdrawn.

### 4.3 Policy

The University already has in place procedures for travel expenses claims which includes a transport hierarchy policy whereby staff may use their own vehicles if public transport is unavailable or impractical, and there are no pool cars available. There is also a policy available to advise staff on the use of pool cars and purchasing cards available for booking rail travel.

### 4.4 Communication and Partnerships

There is already established a Sustainability Forum at the campus which reports to the Finance and Estates Committee raising transport issues for the campus. The University is keen to join forces with other large employers within Wrexham. In previous years the University has provided a park and ride site for the Council during the busy Christmas shopping period and the car park is used on match days by Wrexham Football Club.

## **Travel Plan Aims, Objectives and Targets**

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## 5 Travel Plan Aims, Objectives and Targets

### 5.1 Introduction

This section sets out the aims and objectives of the Travel Plan and proposes mode share targets.

### 5.2 Travel Plan Aspirations

This Travel Plan will provide a 3 year strategy from the date of occupation of the proposed development. The aspirations of this Travel Plan are to:

- ☐ Manage travel to the site by ensuring accessibility to the site for all by a choice of modes;
- ☐ Promote a healthy workforce, and student population; and
- ☐ Provide a commitment to improving local air quality and reducing the carbon footprint of the University.

### 5.3 Travel Plan Objectives

The above aims will be promoted through the following travel plan objectives:

- 1) Support and encourage active travel walking and cycling to staff, students and visitors;
- 2) Support and encourage the use of public transport by staff, students and visitors;
- 3) Support and encourage the use of powered two-wheelers by staff, students and visitors;
- 4) Discourage and disincentivise journeys by car alone by non-medical staff, students and visitors; and
- 5) Discourage and disincentivise unnecessary car journeys by staff on work business

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#### 5.4 Modal Share Targets

Staff and Students surveys undertaken in February 2009 have been used to formulate challenging but realistic modal share targets for travel to the site.

**Table 12** Modal Share Targets

| Mode                               | Staff Mode Share | 3 Year Staff Target | Student Modal Share | 3 Year Student Target |
|------------------------------------|------------------|---------------------|---------------------|-----------------------|
|                                    |                  |                     |                     |                       |
| Walking                            | 7                | 8                   | 21                  | 26                    |
| Cycling                            | 2                | 3                   | 1                   | 3                     |
| Bus                                | 1                | 3                   | 6                   | 8                     |
| Rail                               | 3                | 6                   | 7                   | 10                    |
| Motorcycling                       | 0                |                     | 0                   |                       |
| Car Alone                          | 71               | 62                  | 50                  | 36                    |
| Car Share (driver with passengers) | 8                | 17                  | 8                   | 16                    |
| Car (as passenger)                 | 6                |                     | 4                   |                       |
| Taxi (on own)                      | 1                | 1                   | 1                   | 1                     |
| Taxi (shared)                      | 0                |                     | 0                   |                       |
| Minibus                            | 0                |                     | 0                   |                       |
| Other                              | 1                |                     | 2                   |                       |

Table 12 above introduces the following targets which are realistic but challenging:

- ☐ To reduce staff journeys by car alone by 9%
- ☐ To reduce student journeys by car alone by 14%
- ☐ To increase the number of students walking to campus by 5%
- ☐ To increase the number of staff walking to campus by 1%
- ☐ To increase the number of students cycling to campus by 2%
- ☐ To increase the number of staff cycling to campus by 1%
- ☐ To increase the number of students using public transport by 5%
- ☐ To increase the number of staff using public transport by 5%
- ☐ To increase the number of students car sharing by 4%
- ☐ To increase the number of staff car sharing by 3%

These targets are to be achieved within 3 years of occupation and will be achieved through the introduction of a raft of measures which are detailed in the following section.

## **Travel Plan Measures**

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## 6 Travel Plan Measures

### 6.1 Introduction

Provided below is a Travel Plan toolkit of measures divided into the following, to achieve the targets set above:

- ☐ Policy measures – such as cycle mileage and tax free cycles and bus tickets;
- ☐ Facilities – such as cycle parking; and
- ☐ Promotion – marketing of the above measures, and Travel Plan

It is considered that all three areas need to be progressed to ensure success. It is an action plan with proposed timescales which will be implemented by the University

### 6.2 Administration of the Plan

In order to implement the Travel Plan the University will have a Travel Plan Co-ordinator (TPC) who will be the contact for staff, visitors and students with regards to sustainable transport and will also provide the link to external colleagues within TAITH and to the Local Planning Authority. The responsibility for the Travel Plan lies within Estates Department and the TPC is:

Peter Rhodes.

Head of Estates

p.rhodes@glyndwr.ac.uk

01978293020

The Travel Plan will be taken forward by the TPC and Travel Plan Action Group which will form part of the existing Sustainability Forum. This needs to include representation from senior staff from all occupiers of the site. The terms of reference of the action group will be as follows:

- ☐ To set tasks and priorities for the TPC;
- ☐ To monitor and review progress;
- ☐ To ensure the work of the Travel Plan is co-ordinated with other policies and activities of the organisation e.g. Green Dragon
- ☐ To provide management support required to take ideas forward e.g. revisions to HR policies
- ☐ To identify any necessary funding required deliver the Travel Plan.

This group reports to the Finance and Estates Committee, which reports to the Core Executive and then Board of Governors allowing progress to be reported and awareness of the Travel Plan to be raised.

### 6.3 Travel Plan Toolkit of Initiatives

The following tables set out the proposed Action Plan for the Travel Plan with details of who will be responsible and by when the action should be achieved.

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Capabilities on project:  
Transportation

| Travel Plan Initiatives                                                                                                                          | Timescales     | Potential Methodology                                                                                                                                                                                                                                                     | Who will benefit?  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| <b>Policy</b>                                                                                                                                    |                |                                                                                                                                                                                                                                                                           |                    |
| Offer a guaranteed ride home to alleviate staff concerns about being stranded at work/ University in the event of unforeseen circumstances.      | September 2009 | -Liaison with HR to set up a policy detailing circumstances when can be used.<br>-Make arrangements within each department or Finance department for claiming reimbursement.<br>-Advertise via staff newsletters and email.                                               | Staff and students |
| Encourage HR and Finance Department to introduce a Cycle2Work scheme where staff can save up to 30% on the cost of a new cycle.                  | Completed      | -Work with HR, Finance, Procurement, and Legal to engage scheme provider.<br>-Establish internal staff in Finance and HR to check eligibility of staff and set up salary deductions.<br>-Promote to staff via intranet, posters, and email.                               | Staff              |
| Encourage HR and Finance Department to introduce a Green Travel scheme where staff can save up to 30% on the cost of an annual bus ticket.       | April 2010     | -Work with HR, Finance, Procurement, and Legal to engage scheme provider.<br>-Establish internal staff in Finance and HR to check eligibility of staff and set up salary deductions.<br>-Promote to staff via intranet, posters, and email.                               | Staff              |
| Conduct an audit of mileage claims to allow analysis of where staff are currently travelling to form on work business to allow targeted measures | April 2010     | -Obtain historic mileage claim forms from Finance<br>-Data entry and review to ascertain staff travel patterns.<br>-Consider change to system to allow constant monitoring e.g., electronic claim system.<br>-Develop appropriate initiatives to reduce business mileage. | Staff              |
| Develop a strategy for deliveries to the University                                                                                              | Completed      |                                                                                                                                                                                                                                                                           |                    |
| Encourage HR and Finance Department to introduce interest free loans for cycle purchase for staff                                                | Completed      |                                                                                                                                                                                                                                                                           | Staff              |
| Encourage HR and Finance Department to introduce interest free loans for public transport annual season tickets for staff                        | April 2011     | -Work with Finance and HR to develop eligibility policy, funding pot, and procedure to pay back via salary.<br>-Promote via newsletters, intranet and email.                                                                                                              | Staff              |
| Encourage HR and Finance Department to introduce interest free loans for powered two wheelers for staff                                          | April 2011     | -Work with Finance and HR to develop eligibility policy, funding pot, and procedure to pay back via salary.<br>-Promote via newsletters, intranet and email.                                                                                                              | Staff              |
| Investigate the feasibility of introducing a car parking management strategy and needs based eligibility criteria                                | April 2012     | -Undertake a review of current and future car parking needs.<br>-Consider existing survey results.                                                                                                                                                                        | Staff and students |

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| Travel Plan Initiatives                                                                                                                                                     | Timescales          | Potential Methodology                                                                                                                                                                                                                                                                                | Who will benefit?            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
|                                                                                                                                                                             |                     | <ul style="list-style-type: none"> <li>-Staff consultation.</li> <li>-Work with HR and Finance and Union representatives to develop most appropriate method of control and allocation of spaces.</li> <li>-Set up car park review panel.</li> <li>-Possible application process by staff.</li> </ul> |                              |
| Investigate the feasibility of introducing priority car parking spaces for car sharers.                                                                                     | April 2012          | <ul style="list-style-type: none"> <li>-Consider alongside car park management strategy.</li> <li>-Develop eligibility policy with HR.</li> <li>-Issue permits.</li> <li>-Establish monitoring procedure.</li> </ul>                                                                                 | Staff and students           |
| Review and expand the existing expenses claim/transport hierarchy policy                                                                                                    | Completed           |                                                                                                                                                                                                                                                                                                      | Staff                        |
| <b>Facilities</b>                                                                                                                                                           |                     |                                                                                                                                                                                                                                                                                                      |                              |
| Introduce cycle parking at Bath Road and Clwyd Halls of Residence.                                                                                                          | December 2009       | <ul style="list-style-type: none"> <li>-Procure and install secure cycle parking.</li> <li>-Consider mechanism for allocation of spaces if appropriate.</li> </ul>                                                                                                                                   | Students and visitors        |
| Introduce secure cycle parking at proposed developments Creative Industries Building (28 spaces) and Centre for Child (8 spaces)                                            | During construction | <ul style="list-style-type: none"> <li>-To be introduced as part of construction.</li> <li>-Promote to staff and students using the building and across campus via notice board, newsletters, and intranet.</li> </ul>                                                                               | Staff, students and visitors |
| Investigate the feasibility of doubling the amount of cycle parking to 48 spaces to serve the Student Village providing a covered facility.                                 | April 2012          | <ul style="list-style-type: none"> <li>-Purchase and install cycle parking</li> <li>-Promote to students in halls of residence via posters and email.</li> <li>-Consider system for issue of keys e.g. if is a lockable compound.</li> </ul>                                                         | Students                     |
| Investigate the feasibility of providing additional covered cycle parking spaces for 10 cycles in the courtyard formed by the Health Centre, William Aston Hall and A Block | April 2012          | <ul style="list-style-type: none"> <li>-Purchase and install cycle parking</li> <li>-promote to staff, students and visitors via travel plan notice board, compliment slips, intranet and internet.</li> </ul>                                                                                       | Staff, students and visitors |
| Introduce linkages by sustainable modes to new university facilities off campus e.g. Northop and hall of residence at Northop.                                              | ongoing             | <ul style="list-style-type: none"> <li>-Review current accessibility between campuses by public transport.</li> <li>-Consider options and feasibility for provision of transport e.g. bus, car sharing.</li> </ul>                                                                                   | Staff, students and visitors |
| Make contact with other local employers to increase negotiation powers and share resources.                                                                                 | April 2010          | Meet with key local employers e.g. Wrexham Football Club, Hospital, and Primary Care Trust.                                                                                                                                                                                                          |                              |
| Continue to support Wrexham Council and Football Club through offering park and ride facilities where required.                                                             | ongoing             |                                                                                                                                                                                                                                                                                                      |                              |
| Consider purchasing pedometers to encourage staff and students to walk to university.                                                                                       | Completed           |                                                                                                                                                                                                                                                                                                      | Staff and students           |

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Capabilities project:  
Transportation

| Travel Plan Initiatives                                                                                                                       | Timescales | Potential Methodology                                                                                                                                                                                                                                    | Who will benefit?               |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Continue to improve pedestrian linkages through the Plas Coch site particularly from the south east entrance adjacent to the football ground. | April 2012 | -Consultation with staff and students<br>-Consider design options within available space.                                                                                                                                                                | Staff, students and visitors    |
| Monitor traffic speeds within campus to ensure pedestrian safety                                                                              |            | -Liaise with security staff and undertake on site observations                                                                                                                                                                                           |                                 |
| Introduce dedicated motorcycle parking areas                                                                                                  | April 2012 | -Consider as part of car park management strategy.<br>-Purchase suitable motorcycle parking e.g. anchors or stand.                                                                                                                                       | Staff, students and visitors    |
| Investigate any grant money available to further improve facilities for sustainable travel at the site.                                       | ongoing    | -Liaison with the Council, TAITH and any other bodies which may have funding for access e.g. Sport England, Primary Care Trust.                                                                                                                          | Staff, students and visitors    |
| <b>Promotion</b>                                                                                                                              |            |                                                                                                                                                                                                                                                          |                                 |
| Hold a Travel Plan launch event                                                                                                               | April 2010 | -Obtain freebies to give to staff and students and summary of the Travel Plan measures.<br>-Hold in prominent place with high footfall<br>-Advertise with posters and via intranet.                                                                      | Staff and students              |
| Put up a Travel Plan notice board.                                                                                                            | April 2010 | -Obtain permissions to put up notice board in prominent place.<br>-Keep up to date with postcode plots, meeting and event dates, and new initiatives.                                                                                                    | Staff and students and visitors |
| Include information on access to the site by all modes on the internet and intranet sites                                                     | April 2010 | -In house or using external company design a travel plan website with information on travel to the site, news, events and initiatives.<br>-Liaise with web master to put onto intranet and internet sites with links to home pages.<br>-Keep up to date. | Staff and students and visitors |
| Include links to Transport Direct and Travelline Cymru on internet and intranet sites                                                         | April 2010 | -Liaise with web master to put links onto intranet and internet sites                                                                                                                                                                                    | Staff and students and visitors |
| Approach local bus operators to request free weekly bus try out tickets for staff and students to encourage travel by bus.                    | April 2010 | -Approach managers of local bus garages or marketing department.<br>-Promote to staff and students possible competition via email or intranet.                                                                                                           | Staff and students              |
| Include Travel Plan information within any welcome packs and induction materials for new starters.                                            | April 2010 | -Produce materials suitable for new starters.<br>-Liaise with HR to send out travel information with interview or appointment letters.<br>-Liaise with staff undertaking corporate or departmental inductions.                                           | Staff and students              |
| Develop a car share database or create a private car share group on car sharing website e.g. Liftshare                                        | April 2010 | -Engage with car share provider to set up private group.<br>-Set up intranet link for staff and students.<br>-Promote to staff and students via the intranet.                                                                                            | Staff and students              |

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Capabilities project:  
Transportation

| Travel Plan Initiatives                                                                                                                                                                             | Timescales                   | Potential Methodology                                                                                                                                                                                                                       | Who will benefit?               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Investigate the feasibility of the production of a website How to Get to Guide to the University sites including access by all modes.                                                               | April 2010                   | -Produce a leaflet including a map detailing access to the site by sustainable modes and facilities available including bus and train times and destinations.<br>-Issue with payslips, make available at receptions.                        | Staff and students and visitors |
| Include sustainable travel information on rear of compliment slips                                                                                                                                  | April 2010                   | -Create summary travel information and map.<br>-Liaison with each department to include within compliment slips.                                                                                                                            | Visitors                        |
| Liaise with Wrexham Council Cycling Officer and road safety team to investigate the feasibility of adult cycle training being offered to staff and students.                                        | April 2011                   | -Liaison with council.<br>-Advertise training sessions and organise additional bikes and equipment if required.<br>-Ensure any health and safety forms completed.<br>-Consider TPC training to instructor level to allow training in house. | Staff and students              |
| Hold annual events to promote Bike Week using cycling marketing materials from <a href="http://www.bikeweek.org">www.bikeweek.org</a> . Consider offering cyclists breakfasts and bike maintenance. | June on an annual basis      | -Liaison with local bike shops to offer maintenance sessions.<br>-Arrange additional cycle storage<br>-Negotiate discount voucher or provide breakfasts for staff.<br>-Promote via posters and emails.                                      | Staff and students              |
| Hold annual events for staff to promote Car Free Day 22 <sup>nd</sup> September.                                                                                                                    | September on an annual basis | -Consider staff competition for most sustainable team<br>-Give away freebies.<br>-Promote via emails and posters.                                                                                                                           | Staff and students              |
| Hold travel plan surgeries for staff and students to discuss travel issues.                                                                                                                         | At regular intervals         | -Provide journey planning information for staff.                                                                                                                                                                                            | Staff and students              |
| Provide information to staff on any courses being held in the local area to improve motorcycle safety. E.g. Bike Safe.                                                                              | Ongoing                      | -Advertise on the Travel Plan notice board.                                                                                                                                                                                                 | Staff and students              |
| Liaise with public transport operators for regular updates to current bus and rail timetables in reception areas                                                                                    | Ongoing                      | -Work with reception staff to monitor stock levels of timetables and reorder                                                                                                                                                                | Staff and students              |
| Obtain copies of local cycle map make available to staff, students and visitors in reception areas.                                                                                                 | Ongoing                      | -Work with reception staff to monitor stock levels of cycle maps and reorder.                                                                                                                                                               | Staff and students              |
| Promote pool bikes at Plas Coch campus for staff and students to travel between sites and on work business during the day.                                                                          | Completed                    | -Map locations and advertise on the Travel Plan notice board.<br>-Promote methodology for booking pool bikes                                                                                                                                | Staff and students              |
| Promote existing cycle parking and showers                                                                                                                                                          | Ongoing                      | -Map locations and advertise on the Travel Plan notice board.<br>-Sign cycle parking locations within the site.                                                                                                                             | Staff and students              |
| <b>Fleet</b>                                                                                                                                                                                        |                              |                                                                                                                                                                                                                                             |                                 |
| Promote pool cars at Plas Coch campus for staff use                                                                                                                                                 | Ongoing                      | -Pool cars are linked with ability to claim mileage.                                                                                                                                                                                        | Staff                           |

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Capabilitieson project:  
Transportation

| Travel Plan Initiatives                                          | Timescales | Potential Methodology                                                        | Who will benefit?  |
|------------------------------------------------------------------|------------|------------------------------------------------------------------------------|--------------------|
|                                                                  |            | -Ensure managers enforce this<br>-Promote methodology for booking pool cars. |                    |
| Investigate the use of bio fuel for fleet vehicles               | April 2011 | -Work with fleet manager and procurement to look at opportunities .          | Staff and students |
| Investigate the future replacement vehicles with hybrid vehicles | April 2012 | -Work with fleet manager and procurement to look at opportunities .          | Staff and students |

**Travel Plan Administration,  
Marketing and Monitoring**

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Capabilities project:  
Transportation

## 7 Travel Plan Administration, Marketing and Monitoring

### 7.1 Introduction

This final chapter provides a strategy for marketing the Travel Plan and its initiatives and for monitoring and reviewing the Travel Plan.

### 7.2 Marketing Strategy

The following range of marketing tools and media could be utilised to inform, staff, students and visitors about the travel plan:

- ☐ Distribution of the Travel Plan document and annual progress reports and action plans;
- ☐ Encouragement staff involvement in Travel Plan Action Group;
- ☐ Dissemination of meeting minutes from Travel Plan Action Group;
- ☐ Production and distribution of a summary of incentives for staff;
- ☐ Holding of a Travel Plan launch event and Travel Plan Surgeries for staff and students;
- ☐ Production of a Travel Plan newsletter or include Travel Plan updates within any newsletters for staff and/or students;
- ☐ Feeding of Travel Plan news and events to staff via staff meetings;
- ☐ Production and distribution to staff and students promotional materials
- ☐ Poster campaigns to promote any events e.g. Bike Week;
- ☐ Welcome packs for new starters introducing the travel plan; and
- ☐ Travel Plan notice board.

### 7.3 Monitoring and Review Process

Travel Plan monitoring will include the collection of data on car parking, cycle parking and motorcycle parking usage. Annual staff and patient surveys will be undertaken in Year 1 to firstly obtain a baseline to set targets against. An annual snap shot survey will be undertaken in Years 2 full Travel Plan survey at the end of Year 3 to determine success of the strategy.

Progress towards the implementation of initiatives will be monitored at each meeting by the Travel Plan Action Group and monitoring data e.g. snap shot surveys of cycle usage will be used to indicate progress towards targets. Annual reports will be produced to detail progress to date and to provide an annual action plan for the forthcoming year. Progress will be reported from the Travel Plan Action Group (part of the existing Sustainability Forum) to the Finance and Estates Committee, Core Executive and then Board of Governors. In the event progress is not being made or monitoring data shows a likely non achievement of targets additional resources and time will be allocated and priorities reassessed at the earliest opportunity.

## **Appendix 1 Travel Survey Results**

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Transportation

## Appendix 1 Travel Survey Results

### Student Travel Survey

Q2 What gender are you?

|             |     |      |
|-------------|-----|------|
| Male        | 101 | 39%  |
| Female      | 156 | 61%  |
| no response | 0   | 0%   |
|             | 257 | 100% |

Q3 Which of the following age groups do you belong to?

|             |     |      |
|-------------|-----|------|
| 16-24 years | 133 | 52%  |
| 25-29 years | 47  | 18%  |
| 30-39 years | 41  | 16%  |
| 40-49 years | 27  | 11%  |
| 50-59 years | 8   | 3%   |
| 60+ years   | 1   | 0%   |
| no response | 0   | 0%   |
|             | 257 | 100% |

Q4 Do you have a disability that dictates your method of travel to campus?

|             |     |      |
|-------------|-----|------|
| yes         | 6   | 2%   |
| no          | 241 | 94%  |
| no response | 10  | 4%   |
|             | 257 | 100% |

Q5 Which school or department do you belong to?

|                                                  |     |      |
|--------------------------------------------------|-----|------|
| Business School                                  | 28  | 11%  |
| Science & Technology                             | 27  | 11%  |
| Computing & Communications Technology            | 46  | 18%  |
| Art & Design                                     | 10  | 4%   |
| Humanities                                       | 11  | 4%   |
| Health, Social Care & Sports & Exercise Sciences | 61  | 24%  |
| Education & Community                            | 62  | 24%  |
| other                                            | 11  | 4%   |
| no response                                      | 1   | 0%   |
|                                                  | 257 | 100% |

Q6 Do you study?

|             |     |      |
|-------------|-----|------|
| Full time   | 221 | 86%  |
| Part time   | 35  | 14%  |
| No response | 1   | 0%   |
|             | 257 | 100% |

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Capabilitieson project:  
Transportation

Q7 Where do you live?

|                                        |     |      |
|----------------------------------------|-----|------|
| Within the student village             | 23  | 9%   |
| Rented accommodation within local area | 63  | 25%  |
| At home                                | 170 | 66%  |
| No response                            | 1   | 0%   |
|                                        | 257 | 100% |

Q8 Which of the following modes of transport covers the most significant part of your usual journey to campus?

|                               |     |      |
|-------------------------------|-----|------|
| Walking                       | 54  | 21%  |
| Bicycle                       | 3   | 1%   |
| Bus                           | 16  | 6%   |
| Train                         | 19  | 7%   |
| Motorbike/moped               | 0   | 0%   |
| Car (on own)                  | 126 | 49%  |
| Car (driver, with passengers) | 20  | 8%   |
| Car (as a passenger)          | 10  | 4%   |
| Taxi (on own)                 | 2   | 1%   |
| Taxi (shared)                 | 0   | 0%   |
| Mini bus                      | 0   | 0%   |
| Other (please specify)        | 4   | 2%   |
| No response                   | 3   | 1%   |
|                               | 257 | 100% |

Q9 Which of the following modes of transport would you be most likely to use to travel to campus if your regular mode of travel were unavailable?

|                               |     |      |
|-------------------------------|-----|------|
| Walking                       | 49  | 19%  |
| Bicycle                       | 12  | 5%   |
| Bus                           | 48  | 19%  |
| Train                         | 49  | 19%  |
| Motorbike/moped               | 2   | 1%   |
| Car (on own)                  | 14  | 5%   |
| Car (driver, with passengers) | 8   | 3%   |
| Car (as a passenger)          | 53  | 21%  |
| Taxi (on own)                 | 11  | 4%   |
| Taxi (shared)                 | 0   | 0%   |
| Other (please specify)        | 9   | 4%   |
| No response                   | 2   | 1%   |
|                               | 257 | 100% |

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Capabilitieson project:  
Transportation

Q10 What is the approximate distance between your term-time home and main campus?

|                                 |     |      |
|---------------------------------|-----|------|
| Less than 1 mile                | 37  | 14%  |
| Over 1 mile and up to 2 miles   | 32  | 12%  |
| Over 2 and up to 5 miles        | 29  | 11%  |
| Over 5 miles and up to 10 miles | 22  | 9%   |
| Over 10 and up to 20 miles      | 61  | 24%  |
| Over 20 miles                   | 72  | 28%  |
| no response                     | 4   | 2%   |
|                                 | 257 | 100% |

Q11 How long does it currently take you to get to the campus where you mainly study?

|                      |     |      |
|----------------------|-----|------|
| Less than 15 minutes | 65  | 25%  |
| 16-30 minutes        | 87  | 34%  |
| 31-60 minutes        | 77  | 30%  |
| 61-90 minutes        | 23  | 9%   |
| No response          | 5   | 2%   |
|                      | 257 | 100% |

Q12 How many days a week do you normally travel to the University campus during term-time?

|             |     |      |
|-------------|-----|------|
| One day     | 25  | 10%  |
| Two days    | 24  | 9%   |
| Three days  | 58  | 23%  |
| Four days   | 76  | 30%  |
| Five days   | 55  | 21%  |
| Six days    | 4   | 2%   |
| Seven days  | 5   | 2%   |
| No response | 10  | 4%   |
|             | 257 | 100% |

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Capabilities project:  
Transportation

Q13 Which of the following would encourage you to use public transport for your journey to campus?

|                                                                | Bus | Bus % | Rail | Rail % |
|----------------------------------------------------------------|-----|-------|------|--------|
| More/better information on routes, stops and timetables        | 73  | 28%   | 54   | 21%    |
| More frequent services                                         | 85  | 33%   | 65   | 25%    |
| Higher reliability of services                                 | 59  | 23%   | 61   | 24%    |
| Availability of discounted tickets                             | 89  | 35%   | 79   | 31%    |
| Better bus shelters, cleaner stations, modern trains and Buses | 54  | 21%   | 33   | 13%    |
| Journey route planned out for you                              | 40  | 16%   | 20   | 8%     |
| Guidance or training on using public transport                 | 31  | 12%   | 15   | 6%     |
| Already use public transport                                   | 37  | 14%   | 26   | 10%    |
| Guaranteed lift home in emergency                              | 54  | 21%   | 52   | 20%    |
| None                                                           | 45  | 18%   | 42   | 16%    |
| Other                                                          | 12  | 5%    | 12   | 5%     |

Q14 Which two of the following would encourage you to cycle to your campus?

| Information on cycling routes to the campus                                                    | 24  | 9%  |
|------------------------------------------------------------------------------------------------|-----|-----|
| Discount cycles for University students                                                        | 58  | 23% |
| Better, safer cycle paths                                                                      | 59  | 23% |
| Better cycle parking facilities at campus (secure, covered, Sufficient number of stands, etc.) | 52  | 20% |
| Better changing, lockers and shower facilities at campus                                       | 33  | 13% |
| Cycling training and maintenance courses                                                       | 13  | 5%  |
| Cycle buddy scheme                                                                             | 12  | 5%  |
| Already cycle to campus                                                                        | 7   | 3%  |
| Guaranteed lift home in emergency                                                              | 17  | 7%  |
| Nothing would encourage me to cycle to my campus                                               | 121 | 47% |
| Other (please specify)                                                                         | 22  | 9%  |

Q15 If you travel by car where do you park?

| Within University car parks on campus | 181 | 70%  |
|---------------------------------------|-----|------|
| Elsewhere on campus                   | 1   | 0%   |
| Within surrounding streets            | 9   | 4%   |
| Other (please specify)                | 9   | 4%   |
| No response                           | 57  | 22%  |
|                                       | 257 | 100% |

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Capabilitieson project:  
Transportation

Q16 If you travel by car what is your main reason?

|                                                 |     |      |
|-------------------------------------------------|-----|------|
| Ample free parking available                    | 7   | 3%   |
| Lack of alternatives                            | 23  | 9%   |
| Quicker than other means of transport           | 94  | 37%  |
| Health reasons                                  | 3   | 1%   |
| Car needed for taking part in course activities | 6   | 2%   |
| Dropping off/collecting children                | 30  | 12%  |
| Get a lift                                      | 12  | 5%   |
| Personal safety reasons                         | 2   | 1%   |
| Other (please specify)                          | 26  | 10%  |
| No response                                     | 54  | 21%  |
|                                                 | 257 | 100% |

Q17 Which two of the following would encourage you to car-share?

|                                            |    |     |
|--------------------------------------------|----|-----|
| Help with finding people to car-share with | 89 | 35% |
| Priority parking for car sharers           | 53 | 21% |
| Guaranteed lift home in emergency          | 36 | 14% |
| Not applicable I already car share         | 38 | 15% |
| Nothing would encourage me to car share    | 42 | 16% |
| Other (please specify)                     | 19 | 7%  |

Q18 Are you aware of the following initiatives already in place at Glyndwr University?

|                              |    |     |
|------------------------------|----|-----|
| Cycle parking                | 90 | 35% |
| Showers within sports centre | 65 | 25% |
| Pool bikes                   | 15 | 6%  |

**Staff Travel Survey**

Q2 What gender are you?

|             |     |      |
|-------------|-----|------|
| Male        | 74  | 32%  |
| Female      | 154 | 68%  |
| no response | 0   | 0%   |
|             | 228 | 100% |

Q3 Which of the following age groups do you belong to?

|             |     |      |
|-------------|-----|------|
| 16-24 years | 9   | 4%   |
| 25-29 years | 27  | 12%  |
| 30-39 years | 48  | 21%  |
| 40-49 years | 71  | 31%  |
| 50-59 years | 60  | 26%  |
| 60+ years   | 12  | 5%   |
| no response | 1   | 0%   |
|             | 228 | 100% |

Q4 Do you have a disability that dictates your method of travel to campus?

|             |     |     |
|-------------|-----|-----|
| yes         | 5   | 2%  |
| no          | 218 | 96% |
| no response | 5   | 2%  |

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Capabilitieson project:  
Transportation

|  |     |      |
|--|-----|------|
|  | 228 | 100% |
|--|-----|------|

Q5 Do you work?

|             |     |      |
|-------------|-----|------|
| Full time   | 192 | 84%  |
| Part time   | 31  | 14%  |
| No response | 5   | 2%   |
|             | 228 | 100% |

Q6 How often do you need to leave the University during the day on work business?

|                              |     |      |
|------------------------------|-----|------|
| Daily or more                | 12  | 5%   |
| 2-4 times per week           | 35  | 15%  |
| Once per week                | 22  | 10%  |
| Once per fortnight           | 17  | 7%   |
| Less than once per fortnight | 44  | 19%  |
| Never/Rarely                 | 93  | 41%  |
| No response                  | 5   | 2%   |
|                              | 228 | 100% |

Q7 Which School or Department do you belong to?

**School**

|                                                  |    |     |
|--------------------------------------------------|----|-----|
| Business School                                  | 4  | 2%  |
| Science & Technology                             | 21 | 9%  |
| Computing & Communications Technology            | 7  | 3%  |
| Art & Design                                     | 9  | 4%  |
| Humanities                                       | 6  | 3%  |
| Health, Social Care & Sports & Exercise Sciences | 28 | 12% |
| Education & Community                            | 23 | 10% |
| other                                            | 20 | 9%  |
|                                                  |    | 0%  |

**Department**

|                                                            |    |    |
|------------------------------------------------------------|----|----|
| Finance                                                    | 7  | 3% |
| Estates                                                    | 6  | 3% |
| HR                                                         | 10 | 4% |
| Health & Safety                                            | 2  | 1% |
| Core Executive & Governance                                | 8  | 4% |
| Commercial Services (Trading, Student Union etc.)          | 5  | 2% |
| Student Services                                           | 8  | 4% |
| User Services (Library)                                    | 11 | 5% |
| Technical Services                                         | 3  | 1% |
| Information Systems                                        | 3  | 1% |
| Registry Services                                          | 3  | 1% |
| Student Programmes Office                                  | 9  | 4% |
| Academic Office                                            | 8  | 4% |
| Service Information Desk                                   | 1  | 0% |
| Marketing & Recruitment (including Widening Participation) | 11 | 5% |
| Admissions                                                 | 0  | 0% |
| Careers                                                    | 5  | 2% |

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|                        |    |     |
|------------------------|----|-----|
| Enterprise             | 2  | 1%  |
| Disability Centre      | 0  | 0%  |
| International Office   | 4  | 2%  |
| Research Office        | 3  | 1%  |
| Post Graduate Office   | 1  | 0%  |
| Other (please specify) | 27 | 12% |

|                                                                                                                |     |      |
|----------------------------------------------------------------------------------------------------------------|-----|------|
| Q8 Which of the following modes of transport covers the most significant part of your usual journey to campus? |     |      |
| Walking                                                                                                        | 16  | 7%   |
| Bicycle                                                                                                        | 4   | 2%   |
| Bus                                                                                                            | 2   | 1%   |
| Train                                                                                                          | 7   | 3%   |
| Motorbike/moped                                                                                                | 0   | 0%   |
| Car (on own)                                                                                                   | 157 | 69%  |
| Car (driver, with passengers)                                                                                  | 18  | 8%   |
| Car (as a passenger)                                                                                           | 14  | 6%   |
| Taxi (on own)                                                                                                  | 1   | 0%   |
| Taxi (shared)                                                                                                  | 0   | 0%   |
| Mini bus                                                                                                       | 0   | 0%   |
| Other (please specify)                                                                                         | 2   | 1%   |
| No response                                                                                                    | 7   | 3%   |
|                                                                                                                | 228 | 100% |

Q9 Which of the following modes of transport would you be most likely to use to travel to campus if your regular mode of travel were unavailable?

|                               |     |      |
|-------------------------------|-----|------|
| Walking                       | 29  | 13%  |
| Bicycle                       | 13  | 6%   |
| Bus                           | 45  | 20%  |
| Train                         | 40  | 18%  |
| Motorbike/moped               | 1   | 0%   |
| Car (on own)                  | 25  | 11%  |
| Car (driver, with passengers) | 1   | 0%   |
| Car (as a passenger)          | 36  | 16%  |
| Taxi (on own)                 | 14  | 6%   |
| Taxi (shared)                 | 1   | 0%   |
| Other (please specify)        | 14  | 6%   |
| No response                   | 9   | 4%   |
|                               | 228 | 100% |

Q10 What is the approximate distance between your term-time home and main campus?

|                                 |    |     |
|---------------------------------|----|-----|
| Less than 1 mile                | 6  | 3%  |
| Over 1 mile and up to 2 miles   | 32 | 14% |
| Over 2 and up to 5 miles        | 53 | 23% |
| Over 5 miles and up to 10 miles | 34 | 15% |
| Over 10 and up to 20 miles      | 52 | 23% |
| Over 20 miles                   | 41 | 18% |
| no response                     | 10 | 4%  |

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|  |     |      |
|--|-----|------|
|  | 228 | 100% |
|--|-----|------|

Q11 How long does it currently take you to get to the campus where you work?

|                     |     |      |
|---------------------|-----|------|
| Less than15 minutes | 68  | 30%  |
| 16-30 minutes       | 83  | 36%  |
| 31-60 minutes       | 53  | 23%  |
| 61-90 minutes       | 10  | 4%   |
| No response         | 14  | 6%   |
|                     | 228 | 100% |

Q12 When do you typically arrive?

|                   |     |      |
|-------------------|-----|------|
| Before 8am        | 18  | 8%   |
| Between 8 and 9am | 183 | 80%  |
| After 9am         | 16  | 7%   |
| No response       | 11  | 5%   |
|                   | 228 | 100% |

Q13 When do you typically leave?

|                   |     |      |
|-------------------|-----|------|
| Before 4pm        | 12  | 5%   |
| Between 4 and 6pm | 167 | 73%  |
| After 6pm         | 31  | 14%  |
| No response       | 18  | 8%   |
|                   | 228 | 100% |

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Q14 Which of the following would encourage you to use public transport to travel to work?

|                                                                | Bus | Bus % | Rail | Rail % |
|----------------------------------------------------------------|-----|-------|------|--------|
| More/better information on routes, stops and timetables        | 37  | 16%   | 20   | 9%     |
| More frequent services                                         | 61  | 27%   | 40   | 18%    |
| Higher reliability of services                                 | 44  | 19%   | 35   | 15%    |
| Availability of discounted tickets                             | 46  | 20%   | 36   | 16%    |
| Better bus shelters, cleaner stations, modern trains and Buses | 18  | 8%    | 9    | 4%     |
| Journey route planned out for you                              | 4   | 2%    | 4    | 2%     |
| Guidance or training on using public transport                 | 6   | 3%    | 1    | 0%     |
| Already use public transport                                   | 8   | 4%    | 8    | 4%     |
| None                                                           | 56  | 25%   | 48   | 21%    |
| Other                                                          | 17  | 7%    | 14   | 6%     |

Q15 Which two of the following would encourage you to cycle to work (all or part of the journey)?

|                                                                                                |     |     |
|------------------------------------------------------------------------------------------------|-----|-----|
| Information on cycling routes to the campus                                                    | 13  | 6%  |
| Discount cycles for University students                                                        | 36  | 16% |
| Better, safer cycle paths                                                                      | 50  | 22% |
| Better cycle parking facilities at campus (secure, covered, Sufficient number of stands, etc.) | 32  | 14% |
| Better changing, lockers and shower facilities at campus                                       | 40  | 18% |
| Cycling training and maintenance courses                                                       | 4   | 2%  |
| Cycle buddy scheme                                                                             | 3   | 1%  |
| Already cycle to campus                                                                        | 6   | 3%  |
| Nothing would encourage me to cycle to my campus                                               | 112 | 49% |
| Other (please specify)                                                                         | 25  | 11% |

Q16 If you travel by car where do you park?

|                                       |     |      |
|---------------------------------------|-----|------|
| Within University car parks on campus | 176 | 77%  |
| Elsewhere on campus                   | 2   | 1%   |
| Within surrounding streets            | 0   | 0%   |
| Other (please specify)                | 12  | 5%   |
| No response                           | 38  | 17%  |
|                                       | 228 | 100% |

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Q17 If you travel by car what is your main reason?

|                                                 |     |      |
|-------------------------------------------------|-----|------|
| Ample free parking available                    | 4   | 2%   |
| Lack of alternatives                            | 52  | 23%  |
| Quicker than other means of transport           | 73  | 32%  |
| Health reasons                                  | 2   | 1%   |
| Car needed for taking part in course activities | 2   | 1%   |
| Dropping off/collecting children                | 25  | 11%  |
| Get a lift                                      | 9   | 4%   |
| Personal safety reasons                         | 3   | 1%   |
| Other (please specify)                          | 27  | 12%  |
| No response                                     | 31  | 14%  |
|                                                 | 228 | 100% |

Q18 Which two of the following would encourage you to car share?

|                                            |    |     |
|--------------------------------------------|----|-----|
| Help with finding people to car-share with | 84 | 37% |
| Priority parking for car sharers           | 18 | 8%  |
| Guaranteed lift home in emergency          | 42 | 18% |
| Not applicable I already car share         | 17 | 7%  |
| Nothing would encourage me to car share    | 72 | 32% |
| Other (please specify)                     | 19 | 8%  |

Q19 Are you aware of the following initiatives already in place at Glyndwr University?

|                              |     |     |
|------------------------------|-----|-----|
| Cycle parking                | 105 | 46% |
| Showers within sports centre | 112 | 49% |
| Pool bikes                   | 56  | 25% |
| Pool cars                    | 141 | 62% |