UCL approach to establishing a baseline and parameters for travel-planning

Establishing a baseline – types of travel
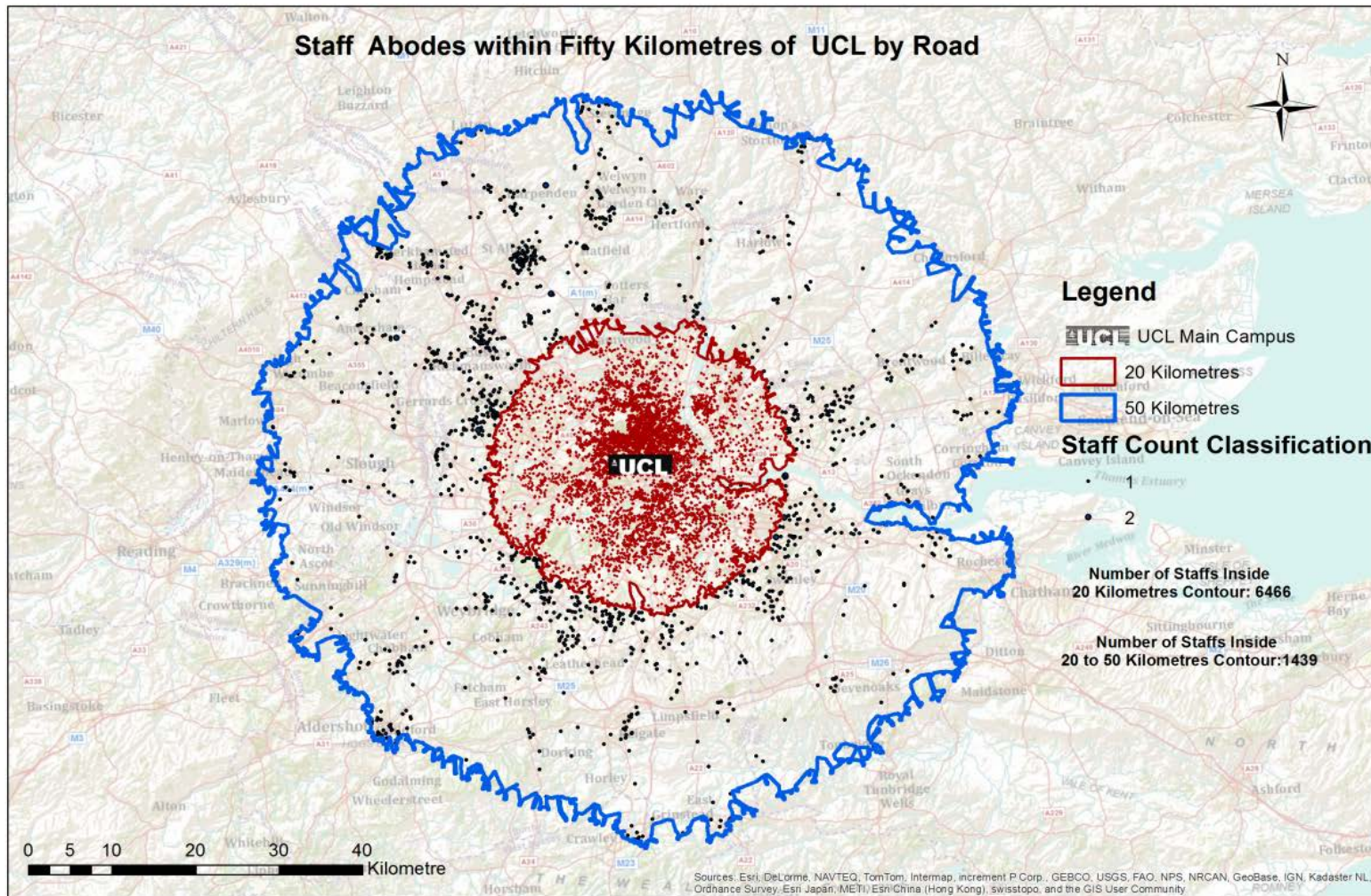

Deliveries

Commuting

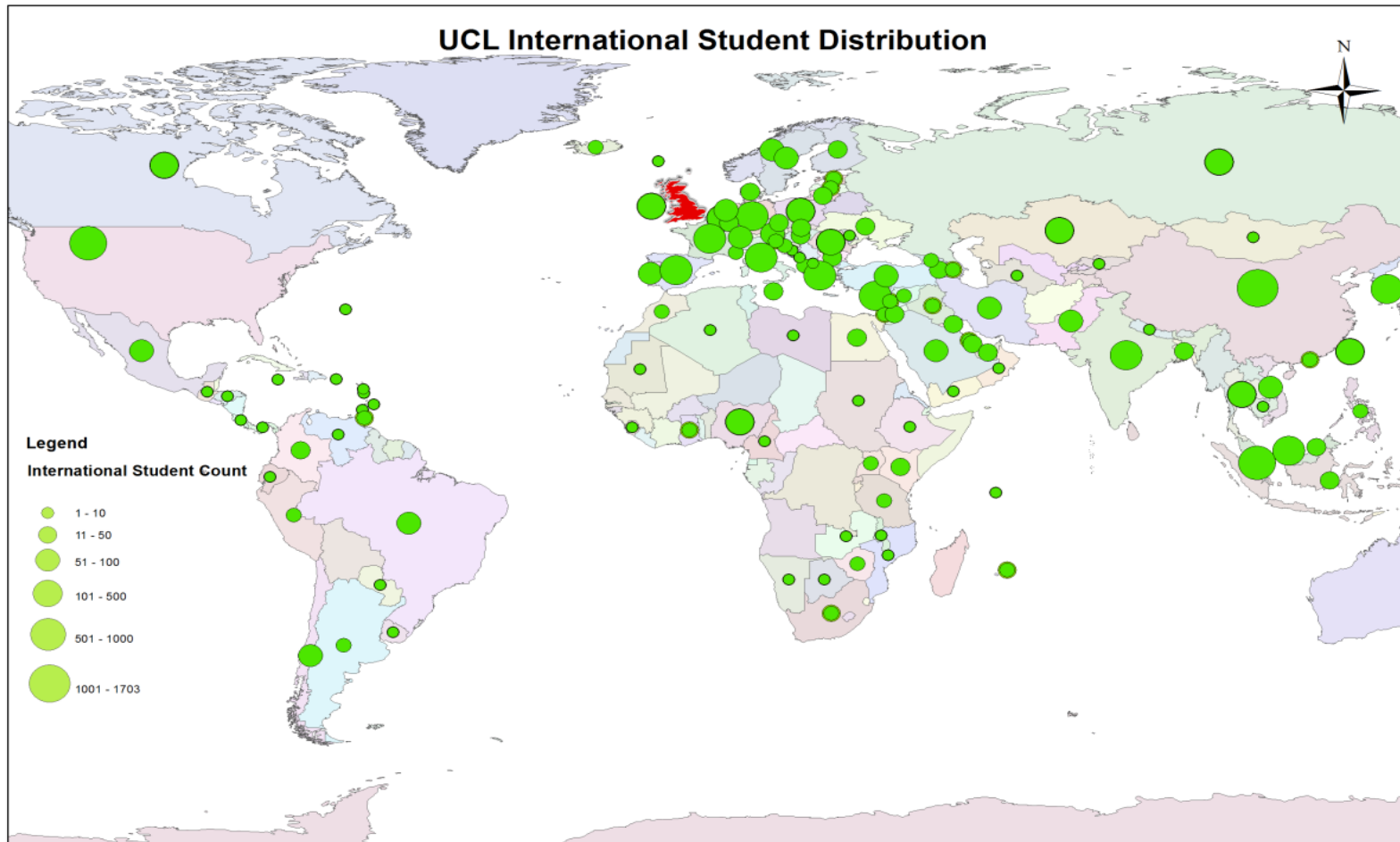Construction vehicles

Business travel
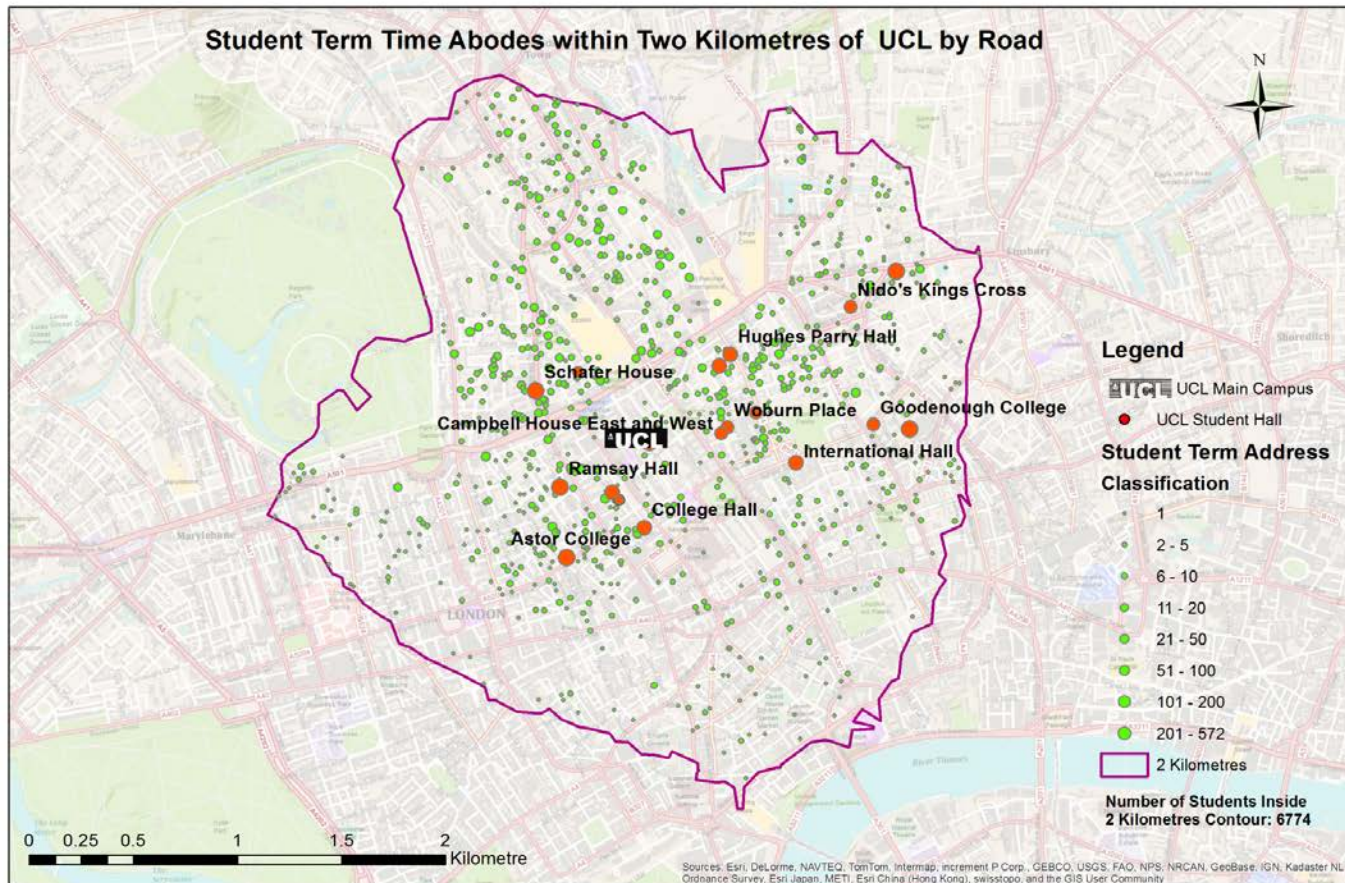
Student start and end of term travel

Establishing baseline – staff commuting

Staff Abodes within Fifty Kilometres of UCL by Road

Legend

- UCL Main Campus
- 20 Kilometres
- 50 Kilometres

Staff Count Classification
- 1
- 2

Number of Staffs Inside 20 Kilometres Contour: 6466

Number of Staffs Inside 20 to 50 Kilometres Contour: 1439

Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

Establishing baseline – start and end of term travel

UCL International Student Distribution

Legend
International Student Count
- 1 - 10
- 11 - 50
- 51 - 100
- 101 - 500
- 501 - 1000
- 1001 - 1703

Establishing baseline – student term time travel

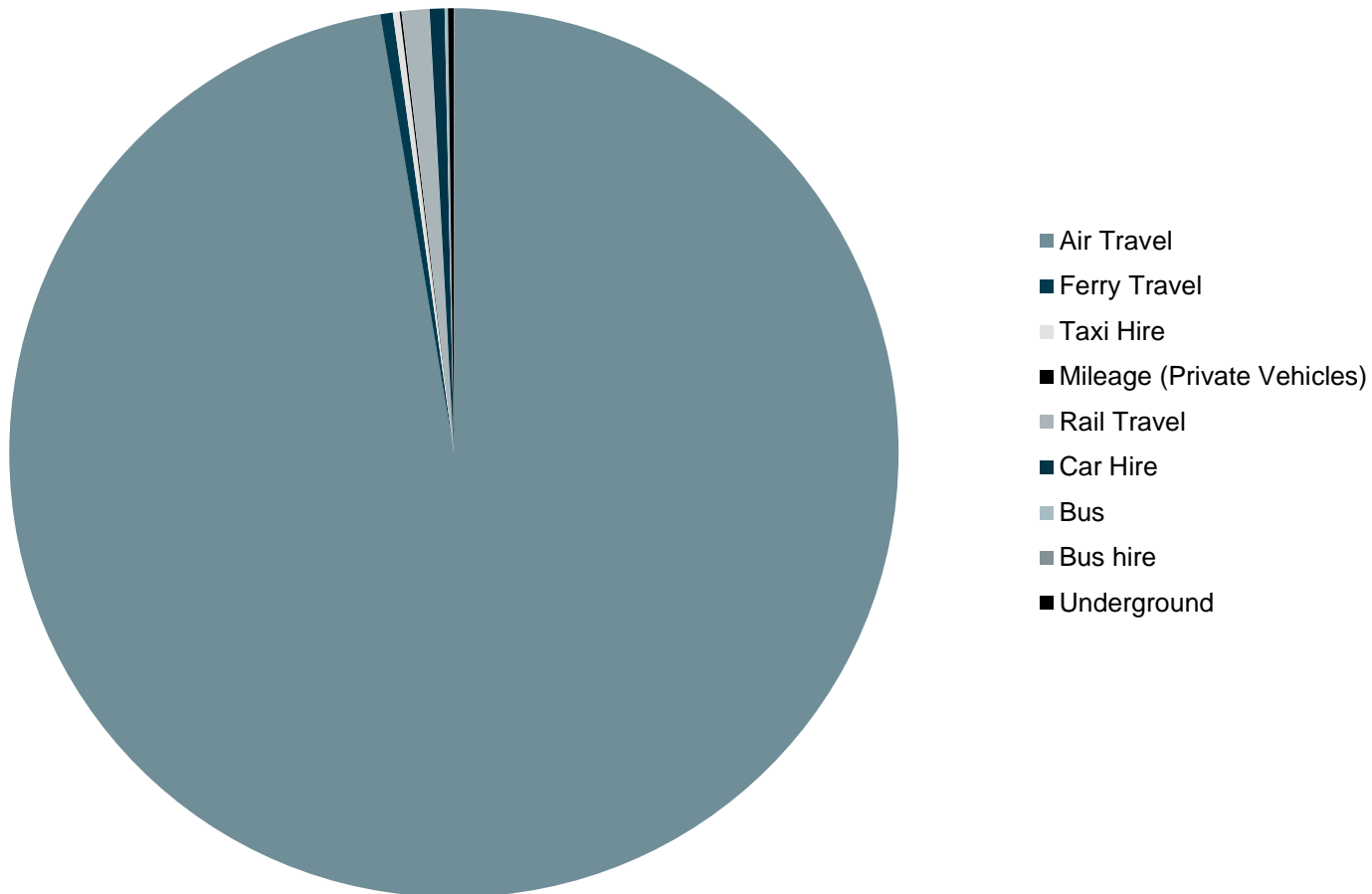Student Term Time Abodes within Two Kilometres of UCL by Road

Establishing baseline - modal split
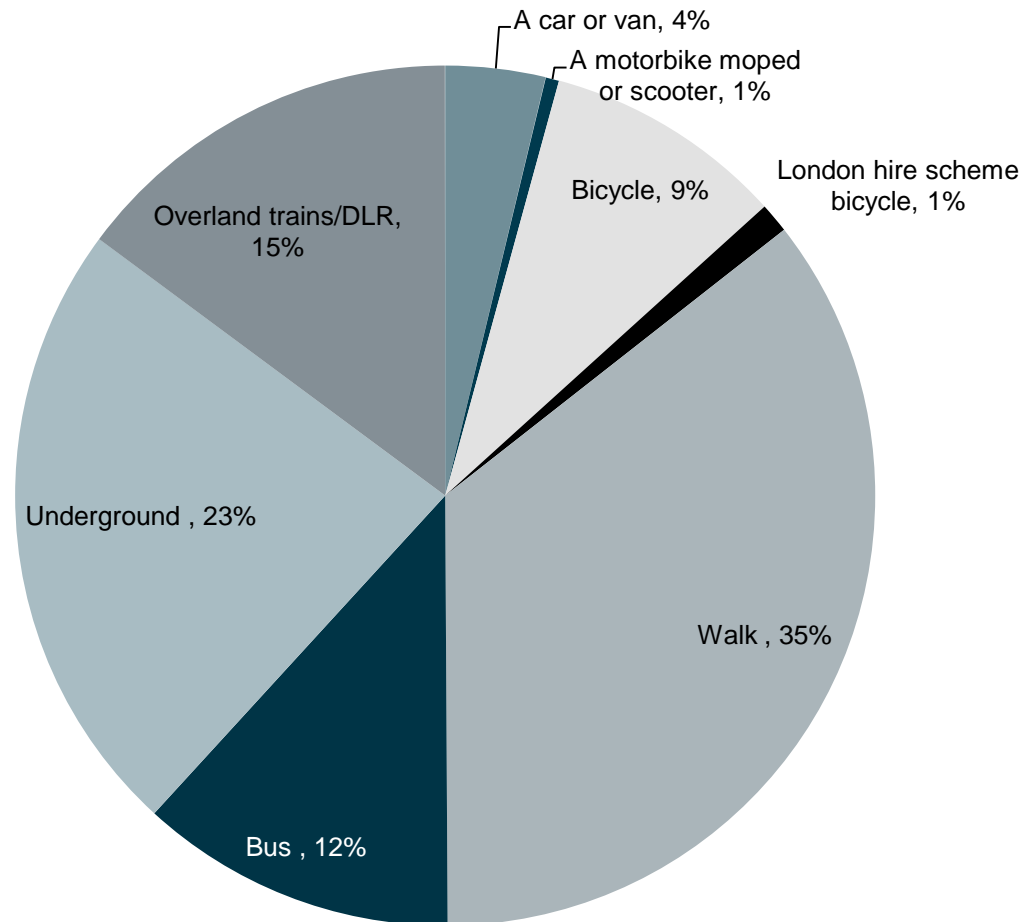
Establishing baseline – business travel

Estimated carbon emissions from business travel

- Air Travel
- Ferry Travel
- Taxi Hire
- Mileage (Private Vehicles)
- Rail Travel
- Car Hire
- Bus
- Bus hire
- Underground

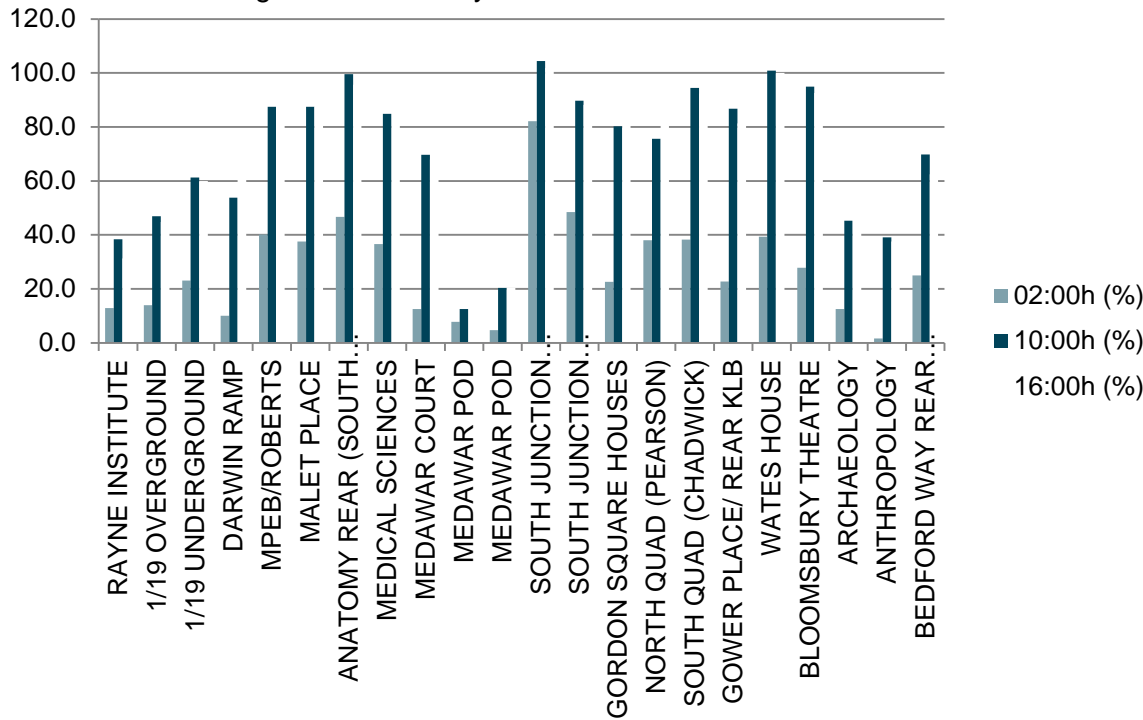# Establishing baseline - delivery vehicles
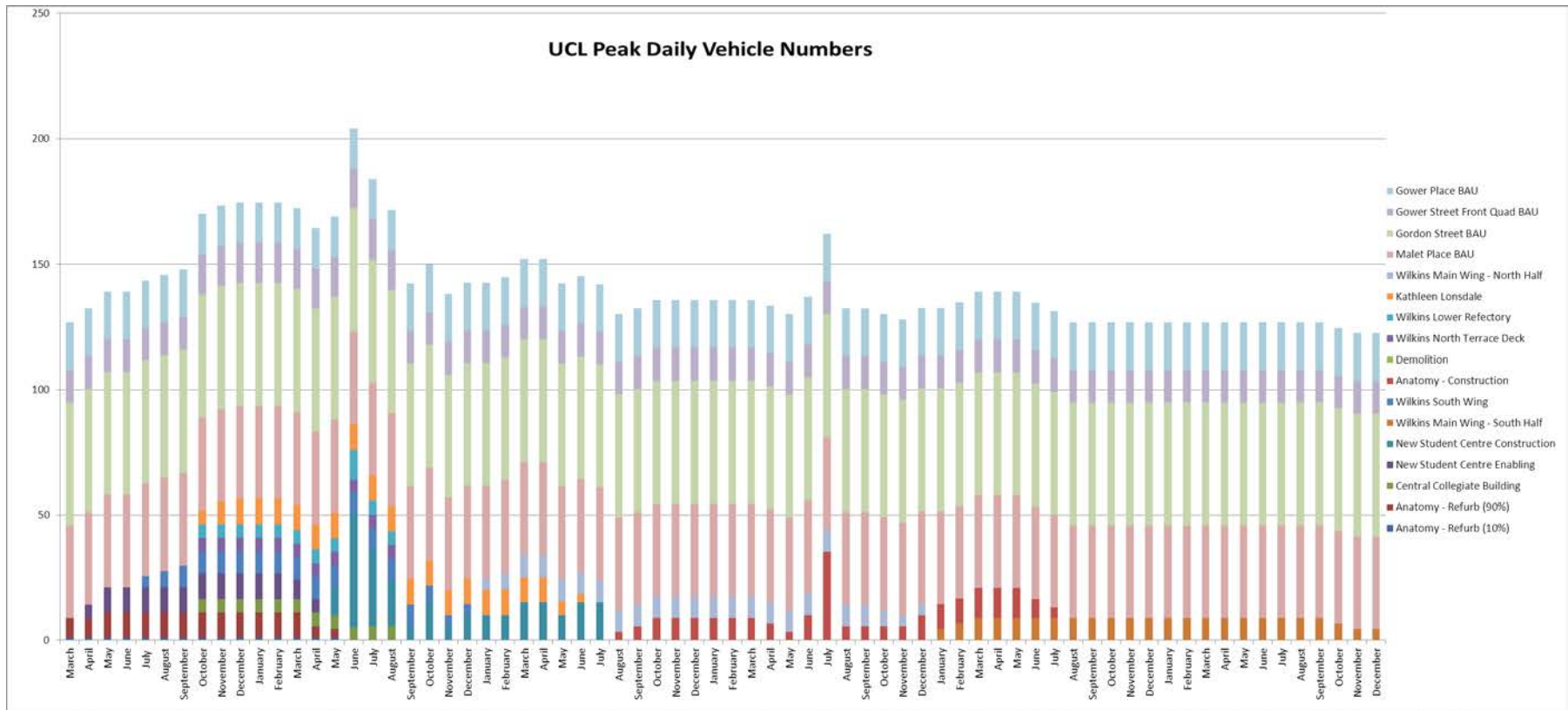
Baselining facilities – existing cycle parking

Average use over 8 days excl. weekends

Legend:
- 02:00h (%)
- 10:00h (%)
- 16:00h (%)

Categories (x-axis):
RAYNE INSTITUTE, 1/19 OVERGROUND, 1/19 UNDERGROUND, DARWIN RAMP, MPEB/ROBERTS, MALET PLACE, ANATOMY REAR (SOUTH...), MEDICAL SCIENCES, MEDAWAR COURT, MEDAWAR POD, MEDAWAR POD, SOUTH JUNCTION..., SOUTH JUNCTION..., GORDON SQUARE HOUSES, NORTH QUAD (PEARSON), SOUTH QUAD (CHADWICK), GOWER PLACE/ REAR KLB, WATES HOUSE, BLOOMSBURY THEATRE, ARCHAEOLOGY, ANTHROPOLOGY, BEDFORD WAY REAR...

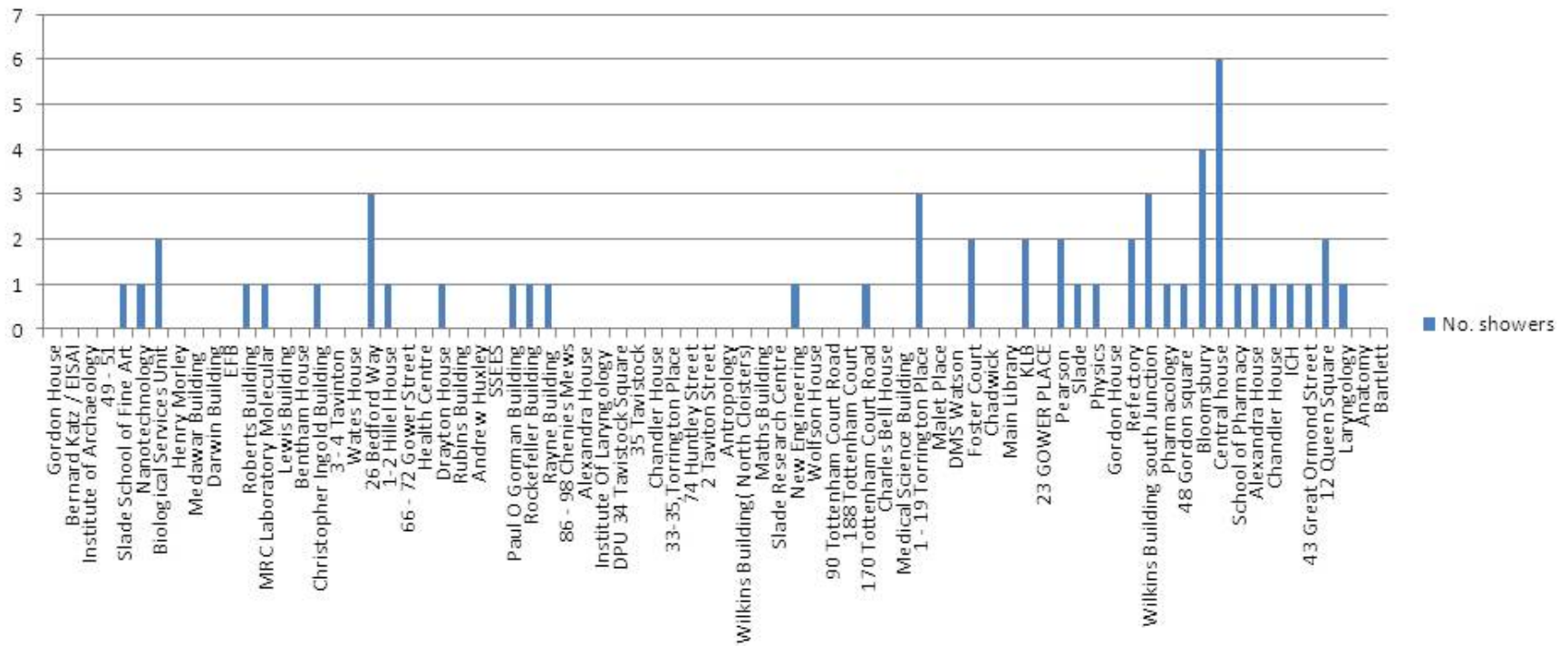# Baselining facilities – cycle fly parking

Bloomsbury Theatre / Wates House

Bllomsbury Theatre, Wates House and Gordon Cafe seems to be the most critical areas where illegal parking is taking place. The railings are full all around this area due to insufficient parking racks.

Baselining facilities - showers

Number of showers in UCL buildings (April 2013)

Baselining facilities – public transport

Focus of the travel plan

- Improving facilities for cyclists and walkers
- Preventing the need for business travel
- Reducing short haul flights
- Consolidating deliveries to campus

Improving facilities for cyclists and walkers

New cycle hubs and clusters

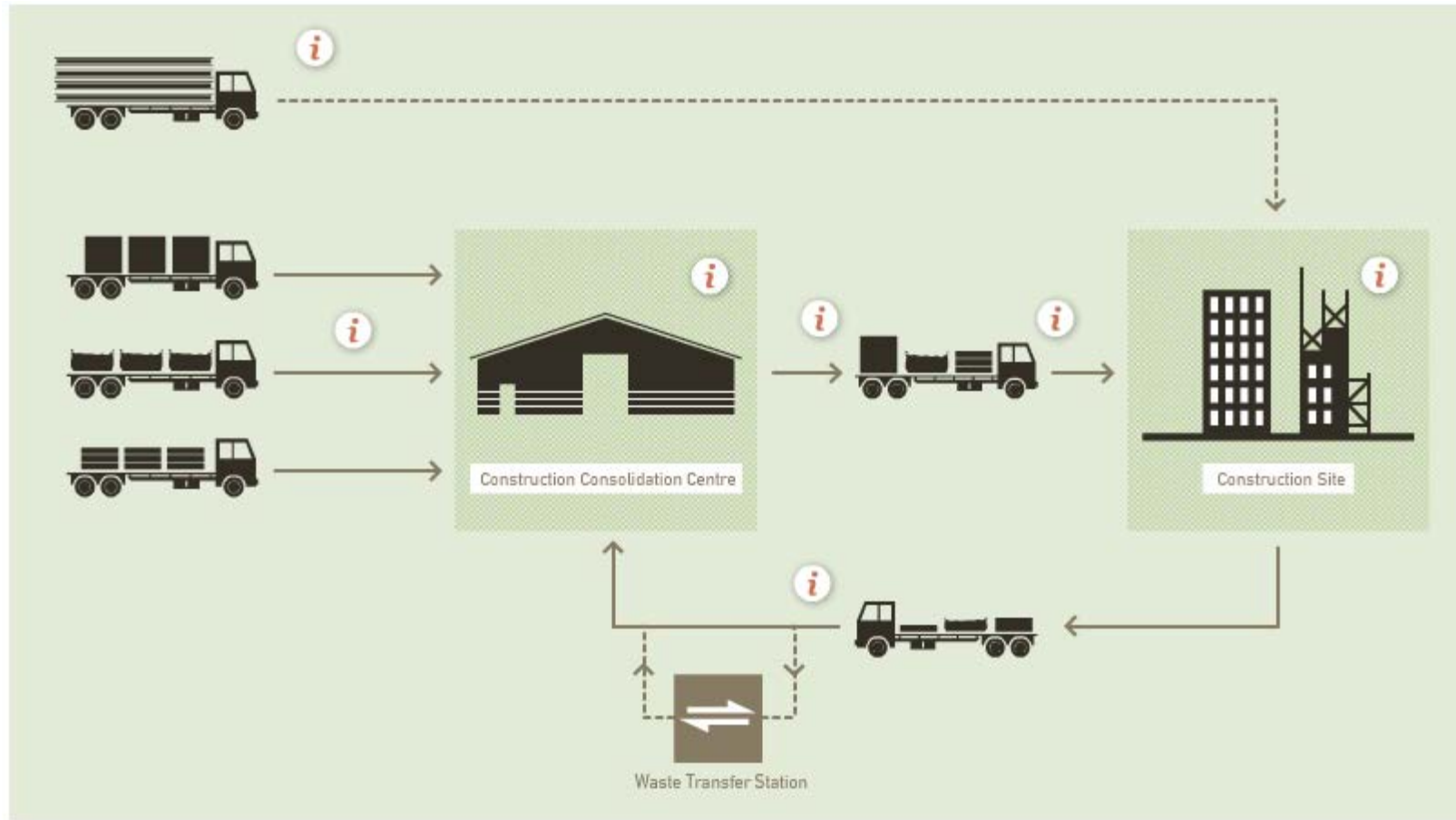# Reducing the impact of business travel

Improved video-conferencing and teleconferencing facilities

Expenses system prioritising train travel over flights

Consolidating deliveries to campus

Consultation

- Local Planning Authority

- Key stakeholders within Estates (e.g. security, capital projects, fire)

- Bicycle user groups

- Building managers

Thank you

Any further questions?

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UCL

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