



# OXFORD BROOKES UNIVERSITY

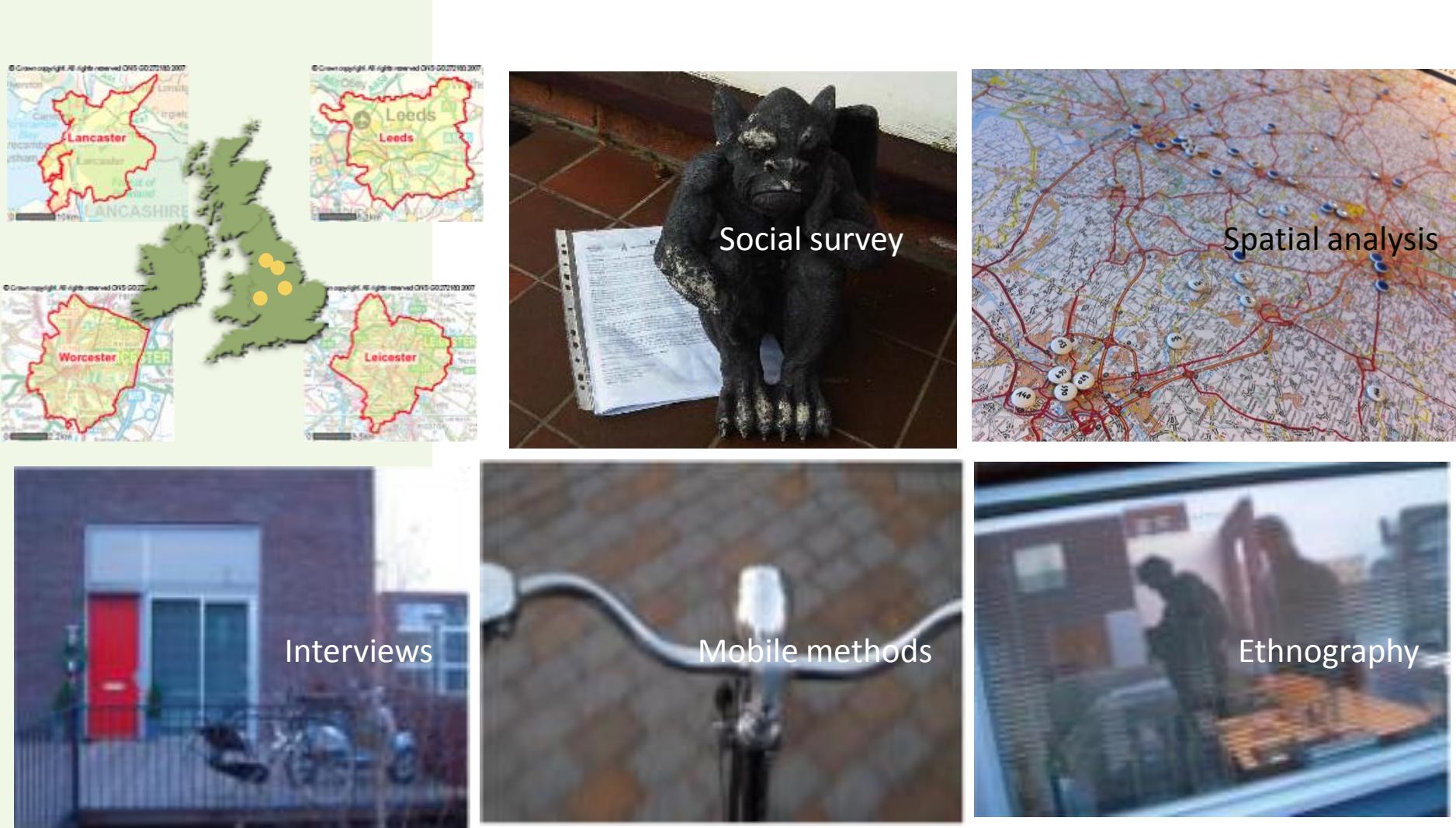
Tim Jones | Faculty of Technology Design and Environment  
**Approaches to re-allocating road space for walking and cycling: what needs to happen?**

November 2013

- 
- why are most people across the UK reluctant to walk or cycle?
  - what can be done to promote walking and cycling? – is reallocating road space enough?

# **why are most people across the UK reluctant to walk or cycle?**

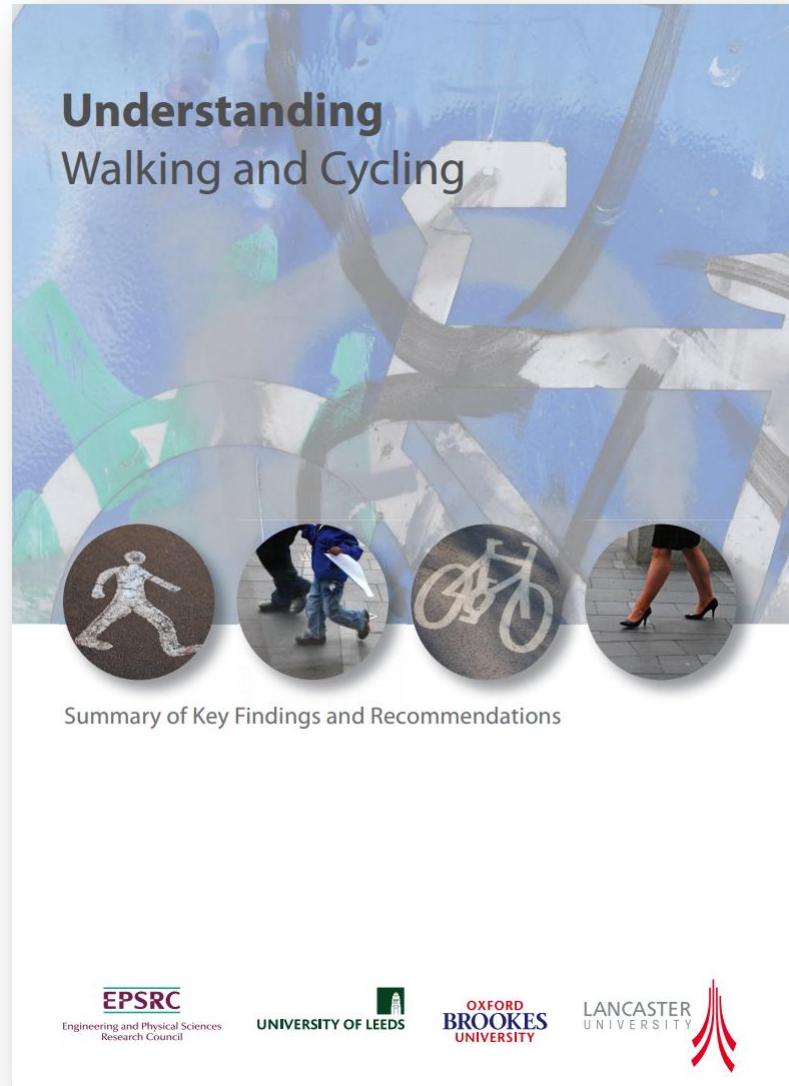




262 separate transcripts/1.5 million words of text

# Key Findings of UWAC study

- Complex lives: family & household circumstances make W&C difficult
- Travel by car is perceived as easy and normal
- Travel on foot or by cycle is perceived as difficult and abnormal



# Illustrative quotes

## Walking

“The whole thing with transport and not having a car; I do feel like a second class citizen, there's definitely a sense that, as a pedestrian and a cyclist, you are definitely second class citizens.”

Jim, Lancaster

## Cycling

“My ideal would be...for cycle paths to be absolutely physically removed from roads as in a proper kerb separating cyclists from traffic so that cyclists don't have to use the pavement but weren't sharing the roads with cars. Then cycling would definitely be an option and I'd find ways around the other inconveniences of cycling.”

Holly, Lancaster.

# Discourse on walking and cycling

Support for getting more people walking and cycling (but different ideas about how to achieve it!)

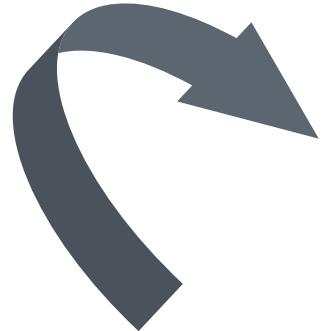
Skepticism about 'choice agenda

Issue of pavement cycling

Cycling performed by people who are committed and confident

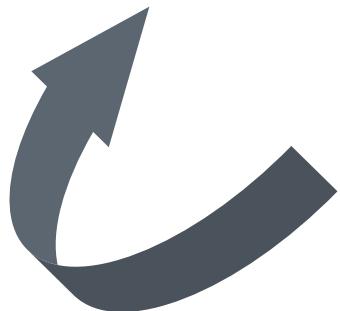


# Vicious circle



Increased demand for space for cars

UK urban areas designed around cars



People well disposed to W&C are deterred from doing so



People make short journeys by car they could easily make on foot or by cycle



# What should be done to promote walking and cycling in the UK?



# What should be done?

## Package of multi-sector policies required that seek to...

1. constrain car use in urban areas
  2. change the power hierarchy on Britain's streets
  3. raise status of W&C in all aspects of urban planning
- 
1. provide separated cycle tracks alongside all major roads
  2. normalise W&C as means of travel



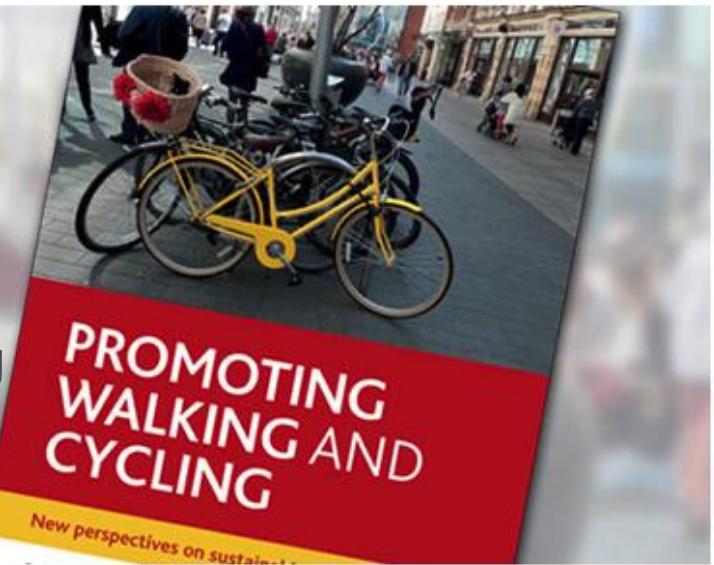
1. Necessary to make travel by car for short journeys in urban areas more difficult and make it feel abnormal and exceptional.
  
2. Put in place policies to make W&C easy, safe, comfortable and accepted as normal and obvious.

**NOT AN ANTI-CAR MESSAGE  
BUT PRO PEOPLE AND PLACE**

## The truth behind why we are reluctant to walk or cycle

“...highlights a range of issues including safety, time constraints, urban structure and perceptions of normality, and offers evidence-based policy solutions that could have a significant impact on levels of walking and cycling in the UK.”

Colin Pooley | main author



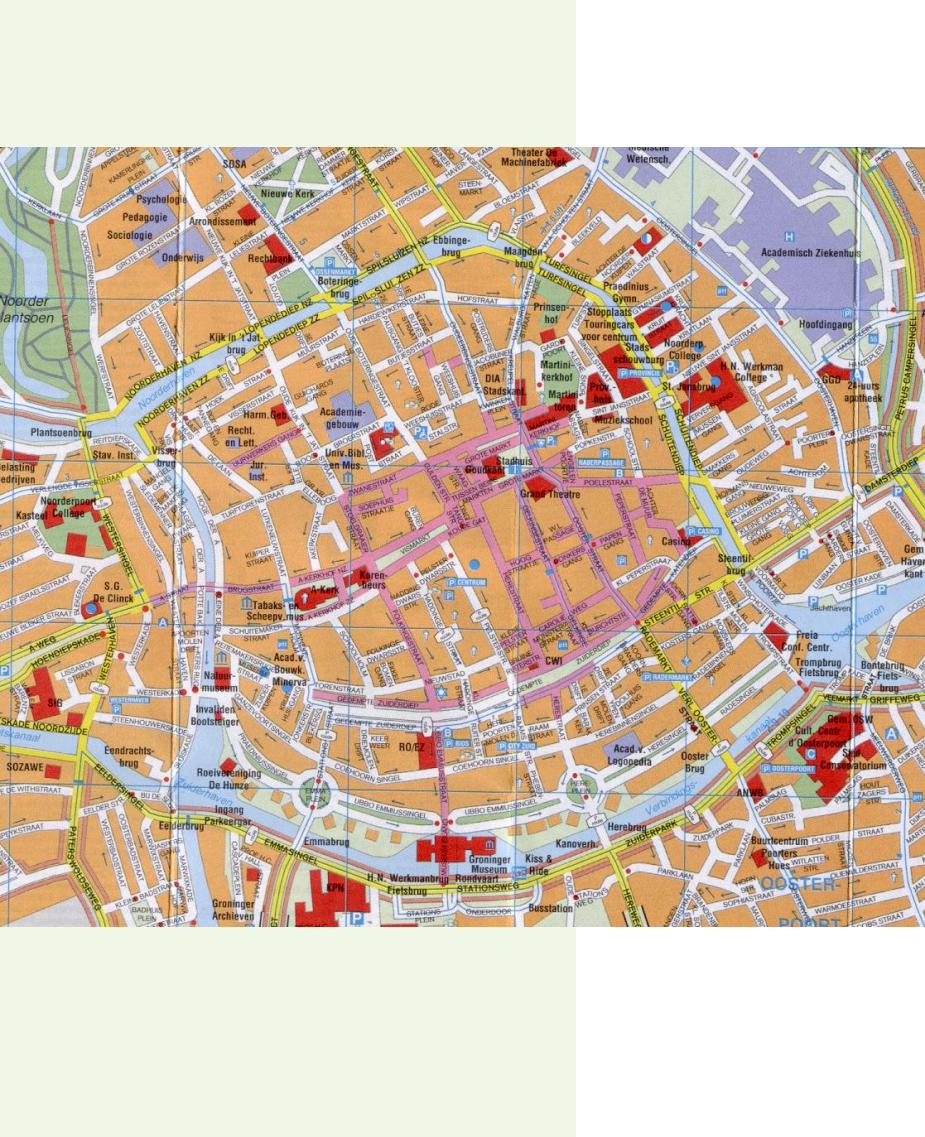
*Promoting walking and cycling: New perspectives on sustainable travel by Colin Pooley with Tim Jones, Miles Tight, Dave Horton, Griet Scheldeman, Ann Jopson, Caroline Mullen and Emanuele Strano*

## Groningen NL (popn 190K)

Enacted policies since 1970s to make it easier to walk and cycle and discourage use of cars in the city center.



# Groningen NL | traffic circulation



- Urban containment – circa 80% popn. living within 3km of city centre
- ‘Quarterized’ city centre & prohibited through (motor) traffic
- Prioritized walking and cycling

# Groningen | city centre



# Groningen | city centre



# Groningen | residential space



# Groningen | Mobility Space



# Groningen | turning/crossing



# Groningen | roundabouts



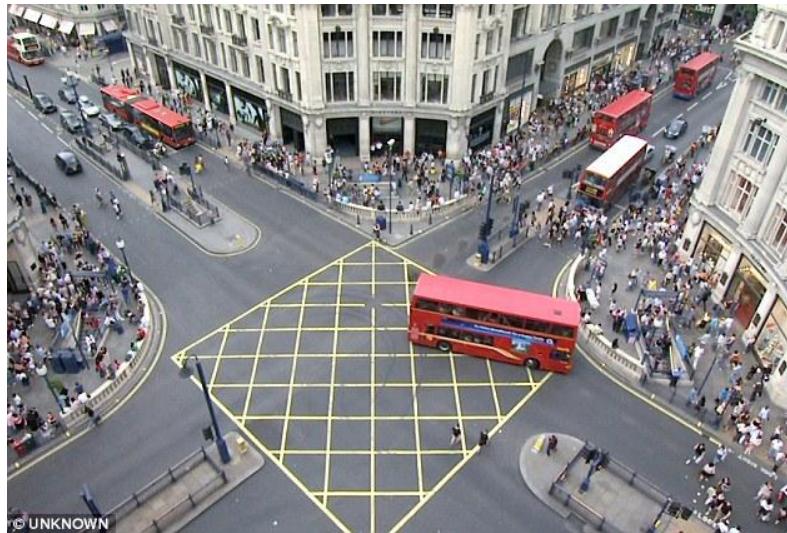


# **Positive moves to re-allocate space to walking and cycling in the UK**



# Re-prioritizing space and time

Oxford  
Circus |  
London



# Re-allocating space to cycling and walking

Old  
Shoreham  
Road |  
Brighton



[Source: http://lofidelitybicycleclub.co.uk/old-shoreham-road/](http://lofidelitybicycleclub.co.uk/old-shoreham-road/)

# Better urban design

Poynton |  
Cheshire



Source: Sustrans

# UK Cities finally ‘Going Dutch’?

THE INDEPENDENT FRIDAY 08 NOVEMBER 2013

**The INDEPENDENT**

NEWS VOICES SPORT TECH LIFE PROPERTY ARTS + ENTS TRAVEL MONEY INDYBEST BLOGS STUDENT OFFERS

UK World Business People Science Environment Media Technology Education Obituaries Diary Corrections Newsletter Appeals

News > UK > Home News

Dutch-style bike lanes set for roll-out in Bristol - Britain's cycling capital



A network of segregated cycle lanes will be created

JONATHAN OWEN | Tuesday 05 November 2013

SHARE | TWEET | g+ SHARE | in SHARE | Reddit | Shares: 2K | PRINT | A A A

ADS BY GOOGLE

**Is it the End of Britain?**  
Find Out Why The Looming Crisis Could Mean The End Of Britain  
[www.moneyweek.com/EndOfBritain](http://www.moneyweek.com/EndOfBritain)

In a bid to save lives and reduce the fear factor preventing people from taking to two wheels, Bristol is to announce radical new proposals which will make it Britain's first city to adopt Dutch-style cycle lanes.

The plans, being announced later this year, will

**FOOD + DRINK**



INDEPENDENT PARTNERS

Corporate foreign exchange and

ebooks | Jobs | Dating | Shop

Search The Independent

Advanced Search | Article archive | Topics

RSC

ROLLOVER

Royal Dutch Matilda THE MUSICAL ROLLOVER TO WATCH

Most Viewed | Most Commented | Most Shared

Moving photographs show Pope Francis embracing man disfigured by disease

Typhoon Haiyan: One of most powerful storms ever batters Philippines with 190mph winds

Exclusive: 'Jaw-dropping' breakthrough hailed as landmark in fight against hereditary diseases as Crispr technique heralds genetic revolution

Universities cancel Muslim cleric's speaking tour over concerns about his anti-gay views

Woman chokes to death during family meal at Frankie and Benny's restaurant in Teesside

“It is great to see ambitious decisions being made on transforming the city into a Dutch-style cycling haven...Cities such as New York and Seville have shown that building a network of segregated lanes leads to massive increases in cycling while also cutting congestion and collisions – now is the time for us to do the same.”

Martin Key | Campaigns Manager | British Cycling

**What needs to happen?  
Leadership + investment.**



# Politics & power | Oxford 'cycling city'

## Oxford Mail

News Sport Entertainment Lifestyle Letters Oxford Ulti Subscribe Announcements Jobs Homes Cars Dating Buy & Sell Click2find Advertise

Your Area Picture Galeries & Sales OX5 Run Opinion National News Hospital Heroes Community Travel Tell Us Your News Bullfinch Oxford Half Marathon

Oxford Mail > News >

8 WEEKS OF CULTURE & FUN, STARTING WITH CHRISTMAS LIGHT FESTIVAL 22-24 NOVEMBER

NEWS SEND YOUR NEWS, PICTURES & VIDEOS

### Loss of parking bays for cycle lane angers residents



By Amanda Williams

11:00am Wednesday 20th July 2011 in News



Adrian Greenwood

DOZENS of parking spaces could be lost from East Oxford if a cycle lane along Iffley Road is built, say people living in the area.

The news comes after a decision on whether to allow a controversial student accommodation block to be built on nearby St Clement's car park was delayed by councillors.

Oxfordshire County Council wants to remove parking bays between the Plain and Bullingdon Road as part of the current work to Iffley Road.

#### YOUR VOTE

Should car parking spaces on Iffley Road be scrapped in favour of a cycle lane?

Yes:

37%

No:

63%

Get involved: send your photos, videos, news & views by texting OXFORD NEWS to 80360 or email us

Search >

Tweet 0

Like 1

+0

Email

Print this page

Comment(49)



#### FEATURED JOBS

Housing Caseworkers Oxford

Senior Sales Person Oxford

Household Iffley

Office Administrator South East England

Part Time Technical Officer South East England

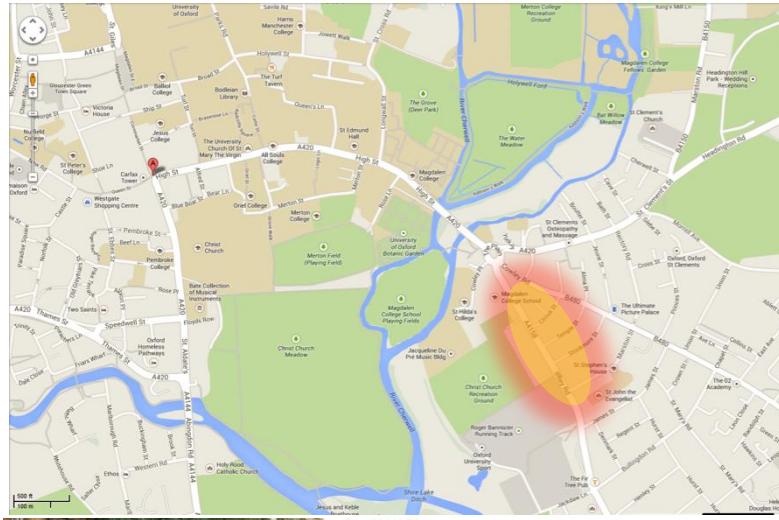
Vehicle Technician South East England

#### MOST READ

1. Family amazed by kindness of people for girl's funeral
2. RUGBY UNION: Finch leads Wood tribute
3. Stars' music shop faces the axe for hotel chain eaterie
4. Castle's Christmas market scrapped as organiser quits
5. Fight between drivers sparks road paint job
6. Oxford United eyeing a Boxing Day sell-out
7. Man hanged himself
8. 5,500 NEW JOBS ON THE WAY
9. Pair wanted over sex crimes against girls
10. Kitson charged by FA
11. 300 animals could die as pets sanctuary faces funding crisis
12. Potter injury rocks Oxford United
13. Town will double in size in a decade'
14. Victim tells of closure as her rapist gets 15 years
15. Trust shuts social club down over £9,000 in rent arrears
16. Charges dropped against scrap metal workers
17. Missing man James Brooke is found safe and well
18. City's Green Belt is at risk like never before
19. The Scales of Justice
20. 'Tackiest pub' is up for sale again

#### MOST READ YESTERDAY

1. Stars' music shop faces the axe for hotel chain eaterie
2. Pair wanted over sex crimes against girls
3. Man hanged himself
4. RUGBY UNION: Finch leads Wood tribute
5. Family amazed by kindness of people for girl's funeral
6. Missing man James Brooke is found safe and well
7. Road clears after two-car crash on A34
8. Driver caught eating porridge at the wheel



Source: <http://commoninfirmities.com/tag/bicycles/>

# **Looking forward | Walking and cycling for healthy ageing and wellbeing**



# Ageing population

Population is set to age significantly over the next 30 years

Older people likely to become more active in the future

Older people in the UK walk but cycle less

More supportive infrastructure can help safeguard walking and encourage cycling

Electric bicycles also offer great potential to support older cycling



# Indicator species: Older people





# cycle BOOM

DESIGN FOR LIFELONG  
HEALTH & WELLBEING

**cycle BOOM** is a study to understand cycling amongst the older population and how this affects independence, health and wellbeing.

The ultimate aim is to advise policy makers and practitioners how our environment and technology can be designed to help people to continue to cycle in older age or to reconnect with cycling.

[www.cycleboom.org](http://www.cycleboom.org)

# Thank you

[tjones@brookes.ac.uk](mailto:tjones@brookes.ac.uk)

Visit [www.cycleboom.org](http://www.cycleboom.org)

Follow [@cycle\\_BOOM](https://twitter.com/cycle_BOOM)

