

# OPEN DATA

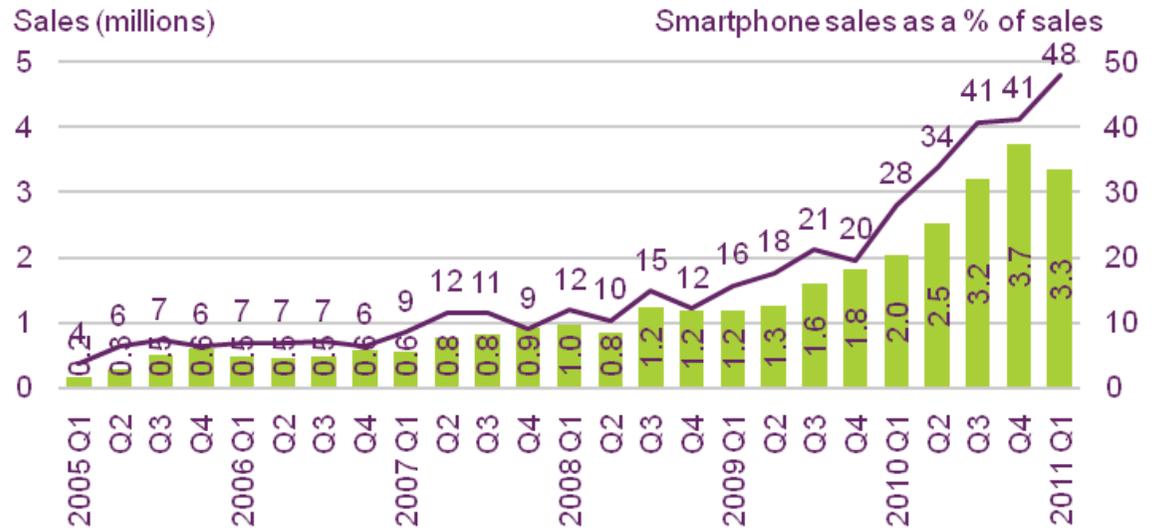


**Simon Beasley Reading Borough Council**



## Ability to access data

*“30 million people in the UK now have access to a smartphone”*





## The UK Position

- Open Data White Paper 2012
- Central Government is opening up its data across all departments
- Research is being undertaken to quantify its value
- No doubt that there can be real value of opening up data

### Open Data White Paper

Unleashing the Potential

#opendata

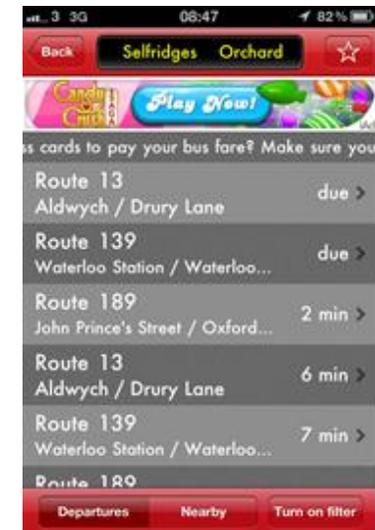
@uktransparency  
@cabinetofficeuk

# Case Study – Transport for London (TfL)

Aspiration “to publish TfL data in a format which maximises its accessibility and usefulness to developer partners, wherever legally, commercially and technically possible” (2012)

35 transport apps developed by 3<sup>rd</sup> parties using TfL’s open data.

Datasets include Tube and Bus, timetable and real time



# Case Study – Transport For Greater Manchester

On-going programme of releasing data for a range of council services.

Very successful Hackathon with 17 teams. Apps included:

- Bus app created by under 21's
- SatLav
- Taxi Rank Finder

Showcasing more than 120 datasets



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A to B Circular Plot Nearby

Walk in Manchester

from high street

add viz +

to bus station

direct less busy this route? ?

Go

Distance	Time	Calories	CO <sub>2</sub> Saved
0.8 miles	11 mins (fast)	75 Cal (fast)	0.09 kg Metrolink
1.2 km	15 mins (med)	66 Cal (med)	0.25 kg car
1780 steps	23 mins (slow)	64 Cal (slow)	0.18 kg bus

Print Link How are we doing? Walk here often? [f](#) [t](#) [p](#)

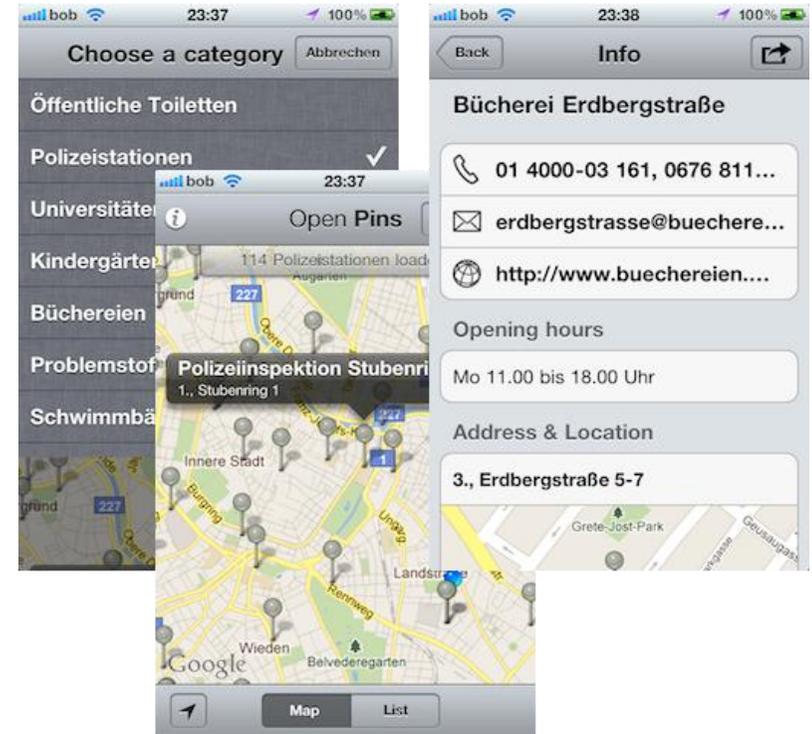
1. Start out along HIGH STREET, heading north.
2. After 56 yards bear right onto PHILIP STREET, heading north.
3. After 112 yards turn right onto ELLIS STREET, heading north.
4. After 45 yards turn left onto DERBY STREET, heading north.
5. After 1/2 mile bear left onto MOOR LANE, heading north.
6. After 75 yards bear left onto PEDESTRIAN CROSSING, heading west.
7. After 55 yards turn left onto MOOR LANE, heading north.
8. You will reach your destination 150 yards along MOOR LANE.

How are we doing? [Please give us feedback](#)



## Case Study – Vienna

- Multimodal transport Open Data including centralised journey planner
- Released as a catalogue of services
- Wide range of services including public transport, car parking etc.
- 30+ apps by 3<sup>rd</sup> parties but some source data direct as well as official catalogue.



## Transfer to Reading - Populations

London – 8.2m



Vienna –  
1.7m



Manchester –  
2.8m

Reading – 280,000





# Tide Project

## 5 Clusters

1. New Pricing Measures
2. Non-motorised Transport
3. **Network Management**
4. Electric Mobility
5. Public Transport Organisation

14 Partners from across  
Europe

15 Champion Cities

50 Circle Cities

### Cluster Leaders

Reading

University of Southampton

Open Data

Traveller info HMI

Advanced PT priority systems

### Champion Cities

Rome

Lyon



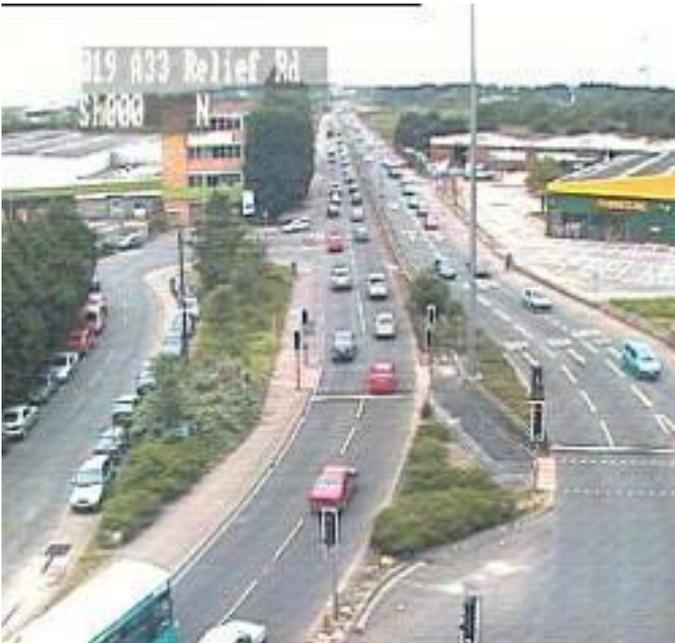
## TIDE Questions from Transport Authorities

1. What data should I provide?
2. How do I get the data?
3. Will the app developers use my data?
4. Will the developers provide a reliable service?
5. What are good examples of apps?
6. Do I need to produce an app myself?
7. What standards should I use?
8. How should I ensure data quality?
9. Should I pre-process my data?
10. Can I charge for my data?

# What Data has Reading Released?



# What Data is to be released?





# travel Reading live



[MAPS](#) | [TRAVEL BY ...](#) | [DESTINATIONS](#) | [PARKING](#) | [TRAFFIC](#) | [SCHOOLS](#) | [DISABILITY](#)

**UPDATES**



Borough Council and BBC Berkshire Tue, 29 Jan 2013 14:48:51 +00:00 LIVE NEWS AND TRAFFIC UPDATES from Reading Borough Council ;

LIVE TRAVEL 29/01/13 14:49:32

**BUS** **RAIL** **ROAD**

READING BUSES SERVICES [click no for details](#)

- 5 6 GOOD SERVICE
- 9 GOOD SERVICE
- 11 GOOD SERVICE
- 13 14 GOOD SERVICE
- 15 16 16a GOOD SERVICE
- 17 GOOD SERVICE
- 20 20a 21 GOOD SERVICE
- 22 23 24 GOOD SERVICE
- 26 GOOD SERVICE
- 33 GOOD SERVICE

PARK & RIDE AND BUSINESS PARK SERVICES

- Green Park RIBP, Madejski, Kennet Island GOOD SERVICE
- Loddon Bridge NO DATA

READING TO OUT OF TOWN DESTINATIONS

- Jet Black - 1 MINOR DELAYS
- Vitality - 2/2a GOOD SERVICE
- 190 GOOD SERVICE
- X25 - RailAir NO DATA

[more bus services](#) [about this panel](#)

## £20m+ awarded as Reading's plans get the go ahead



plan my journey →

To:

From:

compare time and cost

On: DD/MM/YY

Leaving at  Arriving by

12 : 00

GO

### Weather



TUESDAY  
White Cloud  
Max: 13°C  
Min: 9°C



WEDNESDAY  
Light Rain Shower  
Max: 10°C  
Min: 5°C



THURSDAY  
Light Rain Shower  
Max: 10°C  
Min: 5°C

[more BBC Weather](#)

### Feedback

tell us what you think [click](#)



### Report a problem



### traffic cameras



Current image:  
M4 Junction 11 (N)  
14:49:52  
[refresh image](#)

Park & Ride



Reading Cycle Network



Flights & Connections



Underground



Rail



Download



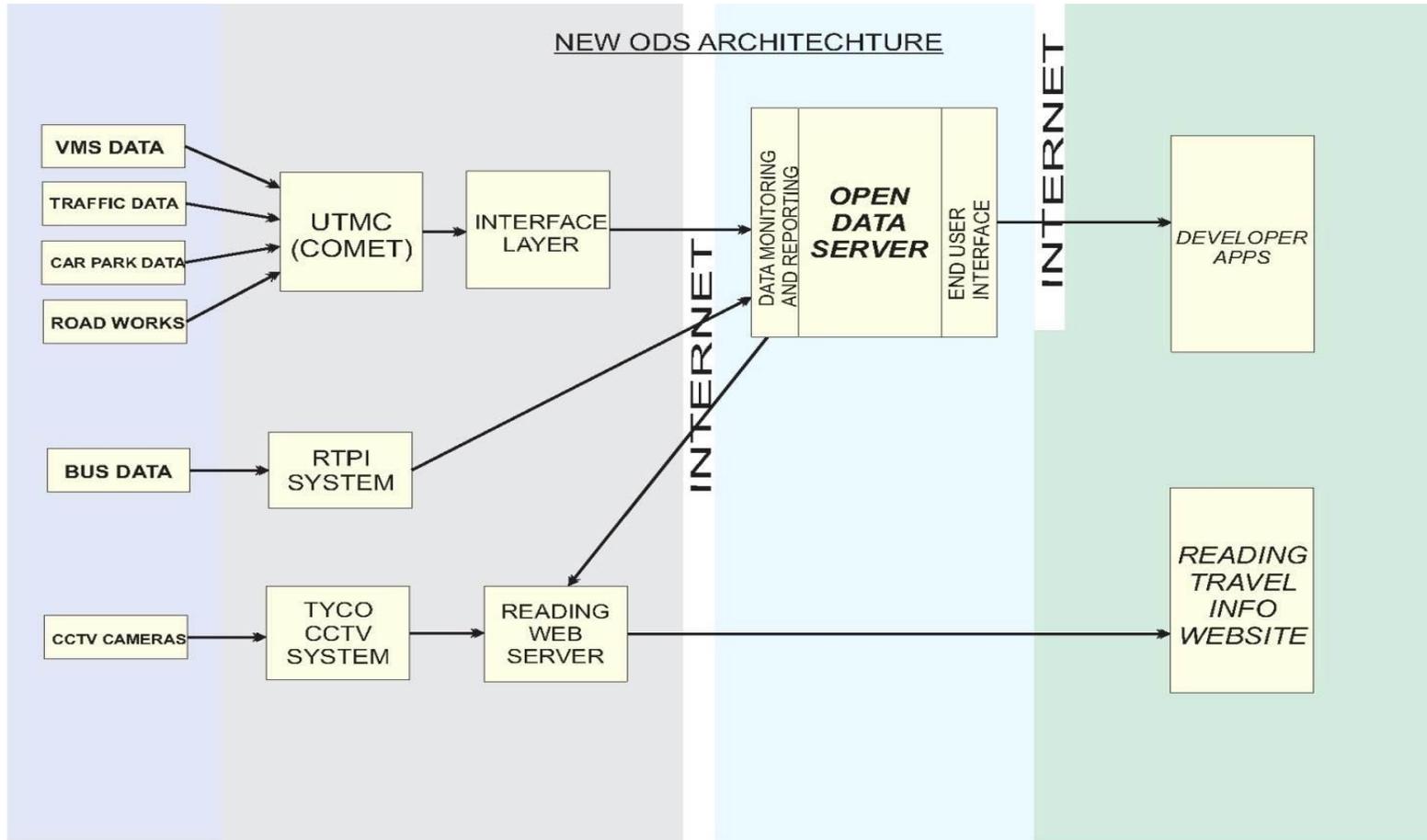
### Getting There

travel details for destinations and events in Reading





# Reading's Open Data Server





## Hoped for Outcomes

- 3<sup>rd</sup> parties to use the data to create new and innovative mobile apps and websites.
- Multimode (walking, cycling, public transport and car) to enable travellers to make informed choices about travel.
- Good quality apps which make good use of the data.
- A range of apps appealing to different users – for example we could see live travel data in a Reading Festival app.





## Concluding comments

Reading is in the process of providing data that is easy to provide

But this does not necessarily equate to what people want

Non transport data may be as important as the transport data in providing good services

The private sector is better placed to provide the end user services and can help advise on what data Reading should focus on

<http://ods.reading-travelinfo.co.uk/api>

[www.reading-travelinfo.co.uk](http://www.reading-travelinfo.co.uk)

Thank you

