

# TransportHACK

12<sup>th</sup> – 13<sup>th</sup> March 2016

[Smartertravel2016.co.uk](http://Smartertravel2016.co.uk)

## Developer Manual & Event Information Pack



Eleni Thanopoulou  
Landor LINKS  
Apollo House  
359 Kennington Lane  
London  
SE11 5QY  
Office: +44 (0) 207 091 7895  
Mobile: +44 (0) 749 594 9592  
Email: [eleni@landor.co.uk](mailto:eleni@landor.co.uk)

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## Hackathon

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<b>EVENT NAME:</b>	TransportHACK
<b>DATE:</b>	Saturday & Sunday 12-13th March 2016
<b>LOCATION:</b>	Landor LINKS Offices Apollo House 359 Kennington Lane London SE11 5QY

### SCHEDULE:

#### Saturday 12<sup>th</sup> March

10:00 - 10:30: Registration

10:30 - 12:00: Orientation

12:00: Hacking Starts

13:00 - 14:00: Lunch

19:00 - 20:00: Dinner

23:00: End of Day 1

#### Sunday 13<sup>th</sup> March

08:00: Start of Day 2

9:00 – 10:00: Breakfast

13:00 - 14:00: Lunch

15:30: Hacking Ends

15:30 - 16:00: Final Remarks and Goodbye

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### Before the event we will require:

- A short company profile (up to 250 words)
- A company logo
- A list of team members' names
- A mobile number

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## Smarter Travel LIVE!

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<b>EVENT NAME:</b>	Smarter Travel LIVE! 2016
<b>DATE:</b>	Thursday & Friday 17-18th March 2016
<b>LOCATION:</b>	ArenaMK Stadium Way W Milton Keynes MK1 1ST

The full conference programme can be found here: [Conference Programme](#)

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### EXHIBITING AT SMARTER TRAVEL:

All the teams participating in the hackathon will benefit from a FREE 'Enterprise Zone' exhibition stand at Smarter Travel LIVE! 2016, which provides a unique chance to meet with the entire sustainable transport industry and network with potential clients.

To view the exhibition floorplan for Smarter Travel LIVE! 2016 please click [here](#).

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### FINAL PRESENTATIONS:

The hackathon presentations will take place during the **Speed Learning** session of the conference on **17th March at 16:30-18:30**.

During the Speed Learning session the teams will be placed at 'bar tables' marked by numbered balloons. There will be no chairs around the tables in order to facilitate smooth circulation of the delegates. If you require a chair due to a physical condition please let us know.

The teams will have **six 12-minute sessions** to present their projects and answer questions from delegates and the judging panel. Delegates will be free to choose any table – this means that in some sessions your table may have up to 20 delegates and in others there may be just one or two. This generally does not cause a problem, as we find that chatting to just a couple of people about a project or presenting to a large group can be equally rewarding.

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### JUDGING PANEL:

**Angela Trevithick**, *Head of Programme Implementation, Sustainable & Accessible Transport Division*, Department for Transport

**Julie Williams**, *Chief Executive*, Traveline Information Limited

**Jonathan Raper**, *CEO*, TransportAPI.com

**Gianluca Barletta**, *Head of Smart Consultancy*, WSP | Parsons Brinckerhoff

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## Challenges

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### MILTON KEYNES COUNCIL

#### *Finding parking in Milton Keynes*

Milton Keynes needs to support activity in the centre by supplying appropriate levels of accessible parking

Currently the central area has some capacity at most times, however customers often complain that parking is full, difficult to find and expensive.

The cost to supply a new space is high – say £15000 per space. The council therefore want to be sure that the city is full or near capacity before investing in new spaces.

So, how can we provide better information to motorists about the availability of spaces, and be sure that we are supplying reliable accurate information that directs them to available spaces.

Datasets that will be provided on the Hackathon day include an overview of occupancy levels by time of day for June and December.

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### BUCKINGHAMSHIRE COUNTY COUNCIL

Buckinghamshire County Council spends approximately £24 million supporting transport services connecting people to education, community facilities and local centres. Whilst available budgets are reducing, demand for services is increasing. Furthermore, we expect a 5% population growth in Buckinghamshire between 2011 to 2025.

How can we best continue to meet our statutory responsibilities for transport and maintain connectivity of rural communities and the services on which they rely, whilst reducing the Council's net expenditure? In finding a solution we are open to a complete paradigm shift which might include:

- digitally driven solutions;
- open access solutions;
- reinvesting reducing council resources in radically different ways; and
- innovative/prototype models that are scalable.

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## Challenges

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### CARPLUS

#### ***Lake District new transport services: Finding a way to reduce the use of cars as the primary transport means around Lake District***

Over 15 million people visit the Lake District National Park per year. Most visit the central and southern Lake District. At peak times this leads to inevitable problems of congestion and pollution.

Significant effort has been made of the years – of varying success – to change how people travel around. Since 2011, significant LSTF funding has been dedicated to changing the image and provision of services for visitor travel. The majority of journeys are still made by car, but repeated surveys show that most people would prefer to use their car a lot less.

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### TRAVELINE

#### ***Capturing daily travel disruption data and referencing it to existing transport Open Data***

Traveline GB offers journey planning services across England, Scotland and Wales via telephone, SMS, web and app services under the Traveline brand <http://www.traveline.info/>.

There are approximately 17,500 bus services in Great Britain. We know the route and timetable for every service, the operator, and the locality in which it operates. Each service is uniquely coded and national reference data is used to geo locate stops and localities.

The challenge is to consider how daily disruption information could be captured and made available as Open Data that can be associated with our existing Open Data products and services. This disruption information is not planned, and is not reported by real time systems where they are present; It may not yet be captured in any way.

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If anything is unclear please contact me as soon as possible.

Thank you and we look forward to seeing you at the TransportHACK.

Kind Regards,  
Eleni

Eleni Thanopoulou  
Event Logistics & Customer Engagement  
Lander LINKS  
T: +44 (0) 207 091 7895  
M: +44 (0) 749 594 9592  
[eleni@landor.co.uk](mailto:eleni@landor.co.uk)