Welcome
to the…

TDI transport
data
initiative

Chair
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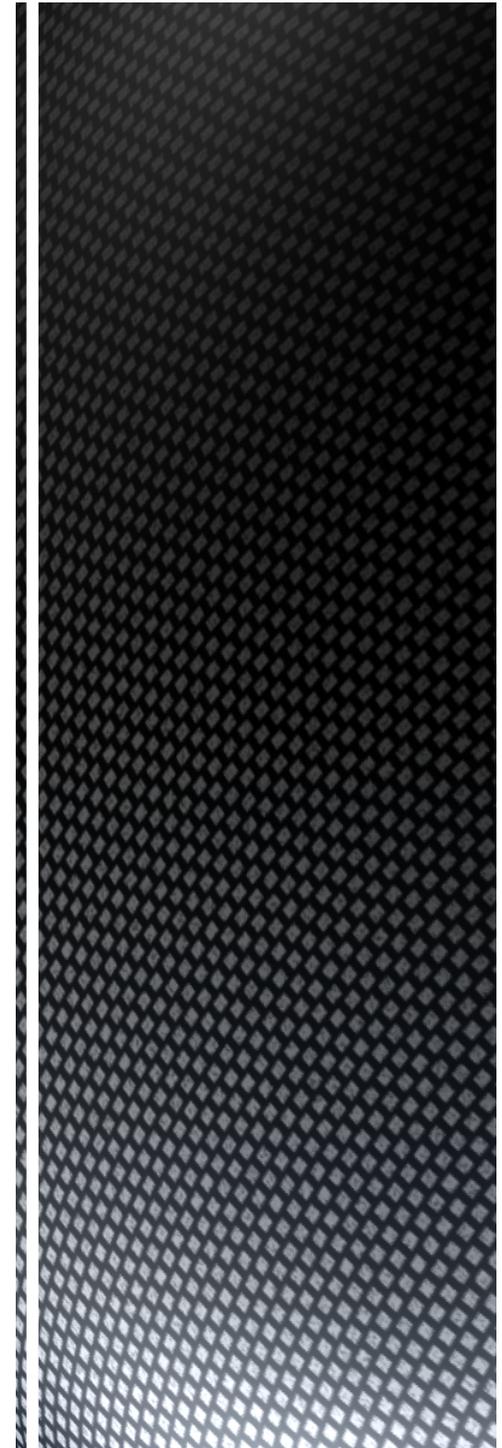
Who is here today ?

Representatives of
- **36 local transport authorities,**
  who between them serve
- **41%** of the **UK population**

Authorities
- from city, urban, suburban & rural areas
- with different perspectives, but
- with many common challenges

A few Government & Industry players
- who are committed to working with them to use technology to create open, economically viable, scalable, national and exportable solutions

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Context: Current UK Transport Initiatives

Policy-led
- Policy & Procurement Initiatives
- DfT, BIS, etc. – Connected Corridor, C-CAV
- IM-PACT

Technology-led
- Transport Systems Catapult
- Open Data Institute
- Innovate UK

Industry-led
- Transport Technology Forum
- Automotive Council

The time is ripe for the Local Authority voice to be heard, to help shape the coming changes

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Origins of the Transport Data Initiative

2014

- A fruit of Innovate UK's "Integrated Transport" Feasibility Studies, which brought together Local Authorities with transport & telecoms companies

2015

- Cross-geography implementation trial, to test and prove technical & business feasibility, beginning with Four Local Authorities & Highways England sharing data

2016

- Widening interest in solutions that can work at National Level, economics that are viable for small authorities, not just large ones

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Approach & Rationale

Led by Local Transport Authorities
- To focus on common requirements, whilst recognising LA's financial & other constraints

Leveraging Data, but Requirements-Led
- Making use of the UK's technology strengths
- But acknowledging differing starting points
- In terms of LA knowledge, resources, experience

Large Potential Benefits, eg
- National approach => economies of scale
- Standards based solutions => wide application
- Non-proprietary => avoid supplier lock-in
- Export opportunities => products & services

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Why ?

A Challenge beyond just the UK
- A Truly Worldwide Challenge
- Cf Europe, America, Asia-Pacific

Massive Impacts at Many Levels
- Economic, Environmental, Health …
- Cross-over to Smart Cities / Smart Counties

An Opportunity where the UK can Lead
- Global UK industry presence and reach
- Leadership in Open Data and in Transport
- An Opportunity to turn Challenge into Growth

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Vision:
Data-enabled Transport that enables…

- LAs to maintain control but to outsource operational activities, *if they wish*

- New multi-sided business models that make economic sense, both for LAs with constrained budgets and for suppliers

- New transport service providers and an enlarged ecosystem, apps outside cities

The UK has a unique environment for creating, trialling & commercialising such innovations.

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Timescales: An Initial View

Stage 1: Challenges & Requirements
- June- Sep 2016

Stage 2: Explore Potential Solutions
- Oct 2016 - Jan 2017

Stage 3: Invited Industry Presentations
- Mar – June 2017

Stage 4: Co-development / Trials
- July – Dec 2017 and beyond…

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Today's Event

We are here…
- To share vision & engagement
- To learn how others see their challenges
- To explore, discuss, challenge, connect
- To set direction for the next steps

Please be active, not passive
- Share – your views & your questions
- Explore – probe, challenge, comment
- Connect – with potential collaborators, partners, folk with similar challenges

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Morning Sessions

Guest Speakers

- First Steps in Data
  - Arup (Martyn Minear)
- Local Authority Challenges
  - Buckinghamshire CC (Basil Jackson)

Breakout Groups: Your Views & Experience

- Challenges, solutions, data & digital, stories of failure as well as success
- Group Feedback

Lunch

- Please take the opportunity to network & progress discussions, Q&A, etc..

Afternoon Sessions

Guest Speakers

- The Future of Infrastructure Systems
    - Innovate UK (Karla Jakeman)
- Transport Data Revolution
    - Transport System Catapult (James Gleave)

Breakout Groups: Your Views & Experience

- How do we work collaboratively in future to tackle common challenges.
- Group Feedback.

Closing Remarks

- What comes next:
  Opportunities to engage and benefit

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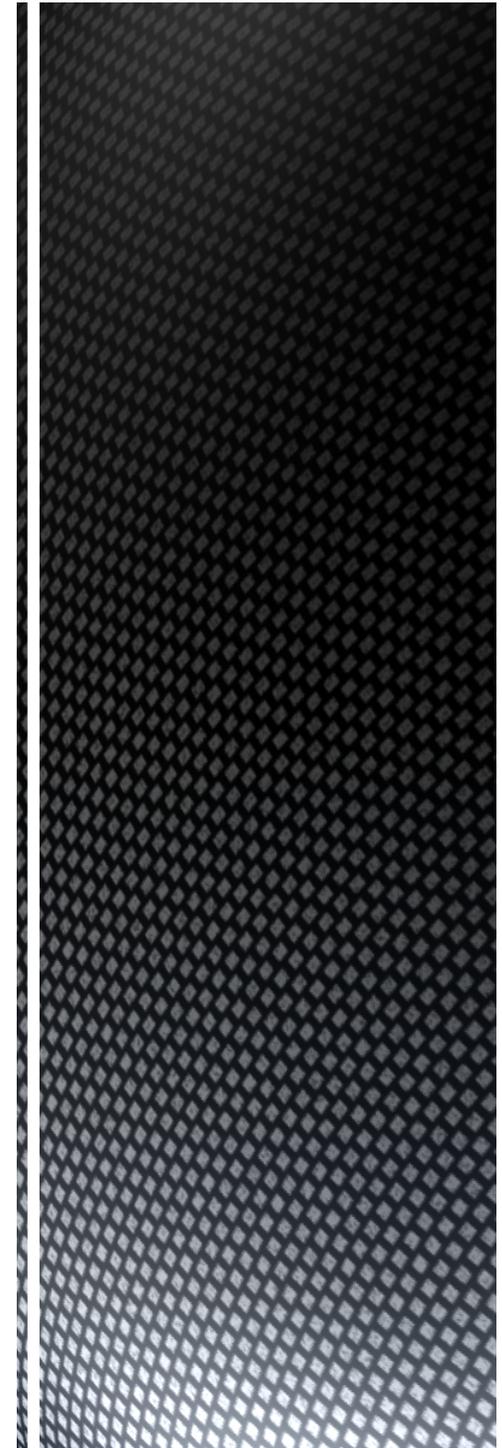
"First Steps into Transport Data"

Martyn Minear
Ove Arup & Partners