

Perspective from the Profession:

Resources available from
UKRLG, HMEP, CIHT, ICE, CIRIA
11:40-11:50

Interdependencies

Engineering the future

<http://www.engineeringthefuture.co.uk/>

Timelines research

Asset management

- HMEP/UKRLG Highways Infrastructure Asset Management Guidance



CIHT

- ***Transport system as a whole***
 - ***Assets***
 - ***Public Transport Providers***
 - ***Encouraging walking and cycling***
- ***Climate Change & Sustainable Transport Report***
- ***Smarter Choices***



Winter guidance





THE CHARTERED
INSTITUTION OF HIGHWAYS
& TRANSPORTATION

ADEPT
ASSOCIATION OF DIRECTORS OF ENVIRONMENT, ECONOMY
PLANNING AND TRANSPORT

Flooding/SCOUR





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Pavements



Local Transport Adaptation Steering Group

- ***Aim***

The *Local Transport Adaptation Steering Group* will lead the way in taking
adapt local transport infrastructure (in
particular local highways) to the risks and
opportunities of climate change.



Local Transport Adaptation Steering Group

- How to use this guidance in conjunction with UKCIP09 data/Met office data
- Updating of codes of practice
- Forum to raise your issues – use us!

Data or Knowledge ... ?

Big Data – for better or worse

A full 90% of all the data in the world has been generated over the last two years. The internet companies are awash with data that can be grouped and utilised. Is this a good thing?

By Åse Dragland

An increasing amount of data is becoming available on the internet. Each and every one of us is constantly producing and releasing data about ourselves. We do this either by moving around passively – our behaviour being registered by cameras or card usage – or by logging onto our PCs and surfing the net.

The volumes of data make up what has been designated 'Big Data' – where data about individuals, groups and periods of time are combined into bigger groups or longer periods of time.

Research advantages

Petter Bae Brandtzæg of SINTEF ICT points to the huge



Big Data makes it possible to achieve research results that cover a wide range of issues, and can tell us a great deal about developments in the world in many different areas. Photo: Istock//© Mike Kiev

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Resources available from

UKRLG www.ukroadsliaisongroup.org/

HMEP www.dft.gov.uk/hmep/

CIHT www.ciht.org.uk/

ICE www.ice.org.uk/

CIRIA www.ciria.org/