

Future Infrastructure Forum

EPSRC Network for Resilient & Sustainable Infrastructure
Structural & Geotechnical Engineering



Campbell Middleton
Laing O'Rourke Professor of Construction Engineering

crm11@cam.ac.uk

17th & 18th January 2012

Aims

1. Establish an umbrella network to forge new partnerships
2. Define future research vision
3. Produce formal research proposals
4. Innovate, disseminate & collaborate

Universities (21)

42 Academics

- Bath
- Birmingham
- Bristol
- Cambridge
- Cardiff
- Edinburgh
- Heriot-Watt
- Imperial College
- Leeds
- Loughborough*
- Manchester
- Newcastle
- Nottingham
- Queen's Belfast
- Oxford
- Reading
- Sheffield
- Southampton
- Surrey
- UCL
- Warwick

Industry partners (29)

- Arup
- Atkins
- Buro Happold
- Gifford
- Halcrow
- Mott MacDonald
- Parsons Brinckerhoff
- WSP
- Costain
- Laing O'Rourke
- Sir Robert McAlpine
- Vinci
- Infrastructure UK
- LUL
- TfL
- HA
- Transport Scotland
- Welsh Government
- Network Rail
- National Grid
- Humber Bridge Board
- BOF
- BRE
- CIRIA
- EPSRC
- GAOF
- ICE
- TRL
- TSB

Proposed Network Events

1. Introductory Forum (2 days) – 26 & 27th Sept 2011
2. ***International & Industry Forum (2 days) – 17&18th January 2012***
3. Themed Forum (1 or 2 days) – April 2012
4. Final Forum (1 or 2 days) – September 2012

Formal research proposals

Produce at least two, and preferably several formal proposalsfor large scale collaborative research programmes that will address specific challenges facing our infrastructure

International Visitors



Prof Jerome Lynch



Prof Urs Meier



DR KHALED MAHMOUD



Prof Ian Moore



Prof You-Lin Xu



Prof Priyan Dias



Prof Eugene O'Brien

Hammersmith Flyover - London



Leadenhall “Cheesegrater”



- Contractor
 - Laing O'Rourke
- Structural Engineer
 - Arup