

SKILLS SHORTAGE IN CONSTRUCTION

5 OCTOBER 2017 | WELLCOME COLLECTION, LONDON

09.00 **Arrival and breakfast**

09.45 **Welcoming address**

Professor Alan Penn RIBA, Professor in Architectural and Urban Computing and Dean of Faculty, The Bartlett: UCL's Faculty of the Built Environment

10.00 - 11.30 **Panel 1 - The skills shortage in historical context**

Chair: Professor Andrew Edkins, Professor of the Management of Complex Projects, The Bartlett School of Construction and Project Management, UCL

Professor Linda Clarke, Professor of European Industrial Relations, Westminster Business School
Trade-based skills versus occupational capacity: a comparison of the post-war development of construction VET in Britain and Germany

Professor Gordon Masterton OBE, FICE FREng, Chair of Future Infrastructure, School of Engineering, University of Edinburgh
Skilled and unskilled labour in UK major projects - "the long view"

Dr Judy Stephenson, David Richards Junior Research Fellow in Economic History, Wadham College, Oxford
Aiming for Eternity: Planning, skills, and supply chains for buildings and infrastructure in London from the Great Fire to the Burning of Parliament

11.30 - 11.45 **Break**

11.45 - 13.15 **Panel 2 - Training and skills after Brexit**

Chair: Dr D'Maris Coffman, Senior Lecturer in Economics and Finance of the Built Environment, The Bartlett School of Construction and Project Management, UCL

Gail Cartmail, Unite the Union
Construction on a skills shortage cliff edge? Solutions and opportunities

Fergus Harradence, Department for Business, Energy and Industrial Strategy
An outline of the Government's Industrial Strategy

Professor John Uff CBE, QC, FREng
Skill shortages in the engineering profession

13.15 - 14.00 **Lunch**

14.00 - 15.30 **Panel 3 - The state and the construction industry**

Chair: Harvey Francis, Executive Vice President, Skansa UK Plc

Simon Douch, Vice President, Specialist Conservation Architect and Team Leader, HOK
What happened to apprenticeships?

Paul Morrell OBE, FICE FRICS HonFRIBA HonFAPM
Crisis? What crisis?

Professor David Mosey, Director, Centre of Construction Law and Dispute Resolution, King's College London
Delivering employment and skills on public sector projects

15.30 - 15.45 **Break**

15.45 - 17.25 **Panel 4 - Technological change**

Chair: Professor Peter Hansford FICE FAPM FREng, Chair of Construction and Infrastructure Policy, The Bartlett School of Construction and Project Management, UCL

Jaimie Johnston, Director, Head of Global Systems, Bryden Wood
Facilitating the use of low skilled, highly productive operatives using digital tools and Design for Manufacture and Assembly (DfMA)

Alan Muse FRICS, Global Director of Built Environment Professional Groups, RICS
A paradigm shift in professional skills: globalisation, technology and regulation

Dr Eleni Papadonikolaki, Lecturer in Building Information Modelling and Management, Bartlett School of Construction and Project Management, UCL
Aligning demand with supply of BIM skills

Dale Sinclair, Director of Technical Practice, AECOM
Transforming Construction

17.25 **Closing remarks**

Dr Adrian Williamson QC, conference convenor

17.30 **Drinks reception hosted by conference sponsors Keating Chambers**
