
Constructing Excellence Higher Education Brokerage Workshop

16 March 2017

Loughborough University London, Queen Elizabeth Olympic Park, London

Agenda

10.00 Registration & Networking

10.30 Welcome & Introduction, Jon de Souza, Innovation Director, Galliford Try

10.45 The value of industry input in academic teaching and research, Prof Jacqui Glass, Loughborough University

11.05 Why we need to collaborate with Higher Education– Brendan Morahan Invennt and Sree Vinayak UCL

11.20 Q&A discussion

11.30 Coffee

11.45 Facilitated Networking

12.45 Plenary – Next steps and action planning

1.00 Lunch

1.30 Close

Emerging Themes

Commercial

- Procurement
- Business Models
- Construction Law
- Supply Chain Management
- Dispute Resolution

Digital

- BIM (BIM Level 3)
- Data
- Sensors
- Cyber Security
- Virtual Reality
- Augmented Reality
- Smart Cities
- Building Simulation

Sustainability

- De-Carbonising Construction
- Waste Management
- Resilience
- Energy
- Low Carbon Economy
- Renewable Energy
- Retrofit and Heritage

Construction Management

- Project Management
- Mega-Projects
- Leadership
- Health & Safety

Engineering

- Building Physics
- Civil Engineering
- Construction Products / Manufacturing
- Fire Safety

Responsible & Ethical Sourcing

Delegates

First Name	Last Name	Company
John	Barber	King's College London
Marcus	Bennett	CITB
Clarice	Bleil de Souza	Cardiff University
Kevin	Blunden	Chartered association of Building Engineers
Victoria	Boorer	Astins Ltd
Mike	Borkowski	Southern Construction Framework
Simon	Brooke	OPDC
Donal	Brown	SPRU - University of sussex
Tim	Carey	Willmott Dixon
Laura	Chinn	Chartered Institute of Building
john	counsell	Cardiff School of Art and Design, Cardiff Metropolitan University
Tom	Cudmore	LCMB Building Performance Ltd
Jon	de Souza	Galliford Try
Alasdair	Donn	Willmott Dixon
Francis	Edum-Fotwe	Lboro
Barry	Errington	Northumbria University
Rob	Garvey	Uni of Westminster
Jacqui	Glass	Loughborough University
Ann	Graves	Turner & Townsend
Simon	Grayson	HKS Architects
David	Heesom	University of Wolverhampton
phil	henry	polypipe Terrain
Nina	Hughes	Wates Group
Richard	James	Willmott Dixon
Shabnam	Kabiri	University of Reading
Ben	Kidd	Imperial College London
Lauri	Koskela	University of Huddersfield
Angus	Law	The University of Edinburgh
Niccolo	Le Brun	Imperial College
Kristen	MacAskill	University of Cambridge
Donal	mahon	DM Associates
Tony	Marsh	WYG
Brendan	Morahan	Invennt
Michael	Moseley	KTN Ltd
Johnathan	Munkley	WYG
Alison	Nicholl	Constructing Excellence
Robin	Nicholson	Cullinan Studio
Raymond	Olayinka	Mott MacDonald
Laura	Owens	Turner & Townsend

Nazmiye	Ozkan	Cranfield University
Noel	Painting	University of Brighton
Gary	Pears	Freelance
Joanna	Poon	University of Derby
Ben	Pritchard	Invennt
Jaime	Rendon	University of Greenwich
Natalya	Sergeeva	UCL
Anthony	Shiple	Jeakins Weir
Martin	Simpson	University of Liverpool
Steffan	Speer	Morgan Sindall
Julia	Stevens	Constructionarium
Canmei	Tao	University of Greenwich
Alex	Thomas	HKS Architects
Sree	Vinayak	UCL
Frank	Weare	FEW Consultants
Paul	Wilkinson	pwcom.co.uk Ltd
Junli	Yang	University of Westminster
Reem	Zako	Bartlett Alumna

Academic Attendees

Bartlett Alumna

Reem Zako, Researcher

Expertise: spatial analysis

Seeking: collaboration

Topics: generating avenues for input from industry into academia & vice versa

Cardiff School of Art and Design, Cardiff Metropolitan University

John Counsell, Principal Lecturer / Head of Masters Studies

Expertise: Architect, with BIM & GIS specialisms, as well as POE, sensor systems, retrofit and Heritage.

Seeking: grounding student coursework in real-life scenarios, with professional input into assessments. Better enabling students to grasp how quality is perceived in the work environment.

Topics: Particularly, how to give students a better and more practical grasp of the collaborative nature of BIM levels 2 and 3.

Cardiff University

Clarice Bleil de Souza, Senior Lecturer

Expertise: Environmental design, building physics, research methods

Seeking: environmental design, building physics, sustainable mega buildings, building diagnostics, building simulation

Topics: environmental design, building physics, sustainable mega buildings, building diagnostics, building simulation

Chartered Institute of Building

Laura Chinn, Accreditation Officer

Expertise: As Accreditation Officer I work and support universities in gaining CIOB Accreditation of their built environment degrees.

Seeking: Industry engagement and input into CIOB's Undergraduate Education Framework via the Accreditation Panel.

Topics: Our Accreditation Panel currently consists of only academic members so I'm interested in developing industry links and recruiting people from industry to the panel.

Constructionarium

Julia Stevens, Development Manager

Expertise: Provision of practical experiential learning for students studying built environment courses.

Seeking: More support from industry for Constructionarium

Topics: Industry and academia collaboration

Cranfield University

Nazmiye Ozkan, Senior Lecturer

Expertise: urban planning, energy systems modelling, smart grids, smart home

Seeking: industry perspectives on decarbonising built environment

Topics: moving to low carbon economy in built environment

Gary Pears, Lecture in HE

Expertise: HE Civil Engineering

Seeking: Civil engineering and Construction

Topics: Simulations practical and digital

Imperial College

Niccolo Le Brun, PostDoc

Expertise: Smart Cities, Energy efficiency, renewable technologies, Waste Heat Recovery, District Heating

Seeking: Smart Cities, Energy efficiency, renewable technologies, Waste Heat Recovery, District Heating

Topics: Smart Cities, Energy efficiency, renewable technologies, Waste Heat Recovery, District Heating

Imperial College London**Ben Kidd, Research Programmes Manager**

Expertise: Civil and Environmental Engineering, encompassing systems engineering, resilience, flood risk management, fluid dynamics, structural engineering, geotechnical engineering and transport systems.

Seeking: Collaborative research ranging from Masters student support through to funded PhD studentships and EPSRC/Innovate UK funded research programmes.

Topics: Resilience, infrastructure interdependencies, construction process and management, BIM / visualisations, cyber-physical interactions, circular economy, robotics and automation, .

King's College London**John Barber, Lecturer**

Expertise: Construction Law

Seeking: Wide range possible

Topics: Construction law and procurement, early contractor involvement, dispute resolution, risk allocation, health and safety

Loughborough University**Francis T Edum-Fotwe**

Expertise: Construction and Project Management; Strategic Management

Seeking: Participation in module delivery; Evaluation panel

Topics: Related to expertise

Northumbria University**Barry Errington, Business Engagement Manager**

Expertise: common interest

Seeking: companies with common interest

Topics: all

pwcom.co.uk Ltd**Paul Wilkinson, director**

Expertise: Visiting lecturer at University of Westminster; also involved with Association of Engineering Doctorates, and ICE

Seeking: industry sponsorship

Topics: BIM, (Big) Data

SPRU - University of Sussex**Donal Brown, Research Associate**

Expertise: PhD Business Models for Domestic Retrofit

Seeking: Retrofit

Topics: Sustainability Retrofit Self Build Business Models

The University of Edinburgh**Angus Law, BRE Lecturer in Fire Safety Engineering**

Expertise: Fire Safety Engineering

Seeking: Construction

Topics: Quality control and defect quantification

UCL**Natalya Sergeeva, Lecturer**

Expertise: innovation

Seeking: Construction, Infrastructure

Topics: innovation and leadership, innovation and narratives

Uni of Westminster**Rob Garvey, Snr Lecturer**

Expertise: Construction and commercial management

Seeking: Contacts from industry that can provide guest lectures and support dissertation students

Topics: Commercial, procurement and supply chain management

University of Brighton

Noel Painting, Senior Lecturer

Expertise: Construction Management & Surveying

Seeking: How best to improve links with industry (ours are already reasonable)

Topics: How to get more people interested in the construction industry

University of Cambridge

Kristen MacAskill, Construction Eng. Masters Assoc. Course Director

Expertise: Sustainability, disaster recovery

Seeking: Potential opportunities for collaboration on our masters programme

Topics: A variety of subjects related to construction - broad level policy issues through to specific topics related to innovation and technology

University of Derby

Joanna Poon, Deputy Head of Department

Expertise: construction

Seeking: construction, civil engineering, QS

Topics: BIM, construction, built environment

University of Greenwich

Canmei Tao, Business Development Manager

Expertise: Architecture, Landscape, Built Environment

Seeking: research collaboration, student projects

University of Greenwich

Jaime Rendon, Marketing and Communications Officer

Expertise: KTP and Business Partnerships

Seeking: Sectors driving the most collaborations

Topics: Future Cities partnerships

University of Huddersfield

Lauri Koskel, Professor

Expertise: Construction management broadly viewed, design management.

Seeking: Industry interest towards collaborating on relevant topics.

Topics: Lean; design management; tolerances; visual management, quality, etc

University of Liverpool

Martin Simpson, Reader

Expertise: Digital Design, BIM, Structural Engineering, Architectural Engineering

Seeking: Case studies and problems that can be solved by the application of digital tools and techniques

Topics: Use of Digital tools and methods from design, construction and operation for assets in the Built Environment

University of Reading

Shabnam Kabiri, Lecturer

Expertise: Business organisation and project management

Seeking: New ideas - Research and dissertation topics

Topics: Business organisation

University of Westminster

Dr Junli Yang

Expertise: Management and ICT

Seeking: Project delivery process and integrated technology in built environment

Topics: Process and integrated approach

University of Wolverhampton

David Heesom, Reader in BIM

Expertise: Building Information Modelling, Virtual Reality, Augmented Reality, 4D / 5D Modelling

Seeking: Potential future collaboration on R&D

Topics: KTP opportunities

Industry Representatives

Astins Ltd

Victoria Boorer, HR Advisor

Contractor

Seeking: Sustainability and Waste Management

Offering: Industry knowledge

Topics: As above

Chartered Association of Building Engineers

Kevin Blunden, Technical Director

Industry/Other

Seeking: Seeking engagement in matching academic outputs to industry needs

Offering: Advice on what Professional Bodies are looking for and exploration of accrediting academic courses

Topics: Collaboration between industry and academia

CITB

Marcus Bennett, Analyst

Industry/Other

Seeking: Better understanding of how we influence future UK HE construction provision.

Offering: Regional research data on gaps in, and demand for, construction professions.

Topics: Aligning future course provision with UK industry need

Cullinan Studio

Robin Nicholson, Senior Member

Industry/Other

Seeking: POE

Offering: collaborative research opportunities

Topics: dissemination of research

DM Associates

Donal Mahon, Project Leader

Industry/Client side

Seeking: Scoping of customer requirements

Offering: Delivery experience

Topics: Interaction of academia with industry

FEW Consultants

Frank Weare, Director

Industry/Other

Seeking: Course details

Offering: Talks on Civil & Structural Engineering

Topics: Engineering Careers

HKS Architects

Alex Thomas, Senior Associate Architect

Specialists, manufacturers & suppliers

Seeking: Design research.

Offering: Leading architects in the design of sports & entertainment environments.

Topics: Innovation around sports & entertainment environments. Data analytics.

HKS Architects**Simon Grayson, Architect****Specialists, manufacturers & suppliers****Seeking:** Sustainable design research knowledge. Keeping up to speed with current thought and research.**Offering:** Design and construction experience. Supervision / hosting. Real world BIM experience.**Topics:** Sustainability. Design management. BIM.**Jeakins Weir****Anthony Shipley, Business Development Manager****Contractor****Seeking:** Discussions with Academic Organisations regarding procurement methods used relating to construction projects**Offering:** Tier 1 Contractor with vast experience of projects to education establishments across Central/Southern Midlands**Topics:** Use of Scape Framework to develop long term relationships.**KTN Ltd****Michael Moseley, Knowledge Transfer Manager****Industry/Other****Seeking:** Infrastructure research**Offering:** i3P**Topics:** smart Infrastructure**LCMB Building Performance Ltd****Tom Cudmore, Senior Consultant****Industry/Client side****Seeking:** N/A**Offering:** N/A**Topics:** N/AS**Morgan Sindall****Teffan Speer, Business Improvement Director****Industry/Contractor****Seeking:** Training**Offering:** My role within Morgan Sindall is Business Improvement Director for Construction and would be interested to assist in formulating courses etc**Topics:** All**Mott MacDonald****Raymond Olayinka, Knowledge Management Specialist****Industry/Other****Seeking:** N/A**Offering:** N/A**Topics:** N/A**OPDC****Simon Brooke, Skills Consultant****Industry/Other****Seeking:** Links to partners.**Offering:** Strategic partner working on major project - HS2 and Old Oak Common**Topics:** Skills training and connecting residents with employers**Polypipe Terrain****Phil Henry, Market Development Director****Industry/Specialists, manufacturers & suppliers****Seeking:** industry Fountain Academy support**Offering:** testing facilities**Topics:** Acoustics, water and city development and CC adaptation

Southern Construction Framework
Mike Borkowski, Framework Manager
Industry/Client side

Seeking: understanding how graduates are 'industry ready' when qualified

Offering: providing insight from a framework with market intelligence from hundreds of clients and contractors across the whole of the south of England. Also part of the working party tasked with exploring 'different routes' for work experience.

Topics: any that adds to the continued collaboration between construction and HE

Turner & Townsend
Laura Owens, Project Manager
Industry/Specialists, manufacturers & suppliers

Seeking: Engagement to become more visible as an employer offering graduate programmes / apprenticeships

Offering: Graduate Programmes / Apprenticeships for Project Management / Quantity Surveying / Consulting

Topics: What do education providers want/ need from industry?

Turner & Townsend
Ann Graves, Global L&D Manager
Industry/Specialists, manufacturers & suppliers

Seeking: Project management, cost management

Offering: Expert knowledge to shape content, knowledge share, student placement and jobs

Topics: Potential partnerships

Wates Group
Nina Hughes, Environment and Community Advisor
Industry/Contractor

Seeking: School Engagement

Offering: School engagement programme

Topics: All

Willmott Dixon
Richard James, HEFE Sector Manager
Industry/Contractor

Seeking: Group or individual support to explore topics important to us as a large construction contractor, and of importance to the wider construction industry.

Offering: Real-life scenarios and construction projects on which to base their dissertation / research topics. A large construction organisation from which information can be gathered.

Topics: A number of topics, including: The impact of construction projects on stakeholders (e.g. how a construction site on a university campus affects the student experience), and how this can be improved.

Willmott Dixon
Alasdair Donn, Principal SD Manager
Industry/Contractor

Seeking: Expertise relating to building performance, energy efficiency/reduction technologies for the built environment, innovation in construction products/manufacturing systems

Offering: Ability to offer construction projects and supply chain relationships as the basis for research projects and pilots

Topics: Energy/carbon reduction for the built environment, quality of building environments for users/occupiers

Willmott Dixon
Tim Carey, Product Director
Industry/Contractor

Seeking: Expertise relating to building performance, energy efficiency/reduction technologies for the built environment, innovation in construction products/manufacturing systems

Offering: Ability to offer construction projects and supply chain relationships as the basis for research projects and pilots

Topics: Energy/carbon reduction for the built environment, quality of building environments for users/occupiers

WYG

Johnathan Munkley, Director of BIM

Industry/Client side

Seeking: Digital innovation

Offering: Digital innovation

Topics: Digital connectivity

WYG

Tony Marsh, Director

Industry/Other

Seeking: Academic interaction in the development of world class teaching facilities

Offering: Delivering a leading teaching establishment that benefits all.

Topics: Educational interaction with engineering designers.