

Attendees: Ian Heptonstall (Supply Chain Sustainability School), Robyn Conway (Supply Chain Sustainability School), Ken Davie (Supply Chain Sustainability School), Charles Naud (Supply Chain Sustainability School), David Emery (Virtechs Ltd), Howard Chaloner (HE SIMM), Peter Kelly (ISG), John Handscomb (Kier), Alex Gosney (Laing O'Rourke), Graeme O'Doherty (McAvoy Group), Mark Griffin (NG Bailey), Derek Wilson (Transport for London), Andrew Day (Telford Homes), Steve Cook (Willmott Dixon), Richard Baylis (CITB).

Apologies: Lyndon Trinder (Balfour Beatty), Paul Cleminson (BAM UK), Tim Hall (Buildoffsite), Chris Mannall (Costain), Adam Freemantle (Costain), Colin Sargeant (Elliot UK), Robert Robinson (Georg Fischer), Sarah Goulden (HE SIMM), Cahir McKenny (McAvoy Group), Nathan Lutz (SES Ltd).

1. Introductions

Ian Heptonstall opened the session. No significant points were raised by the room.

2. Offsite Management School – 2018/2019 update

Ian H presented the 2018/2019 Key Performance Indicators (KPIs) for the Offsite School. There was an increase in activity in 2018/2019, in comparison to 2017/2018, and most of the targets set out were achieved (see table below). We believe this reflects the increase in interest and activity of offsite-led construction in the market.

KPI's - By March 2019

Measure	Target 2017/18	Target 2018/19	Actual 2018/19
Active members (companies)	350	500	693
Assessments	250	150	156 + BIM: 36 + Mgt: 105
Re-assessments	175	50	29 + BIM: 1 + Mgt: 12
Supplier days (<i>learners attending</i>) (3 joint with other groups)	4 (400)	3 (300)	3 (326)
Workshops - engagement (<i>learners attending</i>) Partner supply chain and internal engagement	-	6 (300)	4 (225)
Workshops – training (<i>learners attending</i>) Subject matter workshops (dfma, lean, BIM, quality, innovation)	10 (150)	14 (150)	12 (291)
Total learners (<i>combined form above</i>)		750	842
E-learning Module (<i>learners accessing</i>) Updating current content (1 new module was created last year)	-	5 (300)	5 (271 Offsite + 522 Mgt & BIM)
Revised offsite skills assessment A new assessment was created for Architects in 2017	1	1	1

Looking forward to the programme of activities for 2019/2020, Ian H confirmed the Offsite School would guide the delivery of the CITB Offsite Training Skills project (developed further in the session) and, as such, build additional special interest groups to complement this offsite leadership group and the offsite design group.

In addition to activities related to the CITB Offsite Training Skills project, the Offsite School has the following programme of workshops (events since November 2018 have been included):

Workshop subjects covered since last meeting and looking forward over next 6 months
28 th November 2018: BIM Maturity Workshop – Bristol
3 rd December 2018: BIM Implementation – Hamilton, Scotland.
15 th January 2019: Heathrow Airport – Offsite Innovation Day, London.
22 nd January 2019: DfMA Masterclass – Residential, London.
23 rd January 2019: Optioneering – How to choose between different Offsite solutions, London
19 th March 2019: Introduction to Offsite – Wales
21 st March 2019: Blockchain in Construction
4 th April 2019: The role and impact of offsite construction - Kier
May 2019: How to apply Offsite principles in Large Commercial Buildings, London.
June 2019: How to drive DfMA within Hospitals, Coventry.
July 2019: How to drive DfMA within education
TBC: How to drive DfMA within the Commercial offices
TBC: How to drive DfMA within the facades and envelope work packages
TBC: How to drive DfMA within the Housing Sector – Manchester
TBC: How to drive DfMA within the Rail Sector

- All partners are invited to contact Alfie Gilbert (alfred@supplychainschool.co.uk) or Charles Naud (charles.naud@actionsustainability.com) should they be interested in presenting or participating in any of the forthcoming events.

Mark Griffin from NG Bailey voiced interested in presenting offsite M&E solutions at the DfMA in Healthcare event held by McAvoy in June 2019.

3. Supply Chain School – 2018/2019 update

Ian H presented the results of 2018/2019 Supply Chain School impact survey. It was noted that:

1. Only 34% of partners and members reported they reduced their carbon emissions (this is 3% down on last year). Increase in offsite activity presents an opportunity to help the sector address this issue.
2. The offsite leadership group is visibly not diverse, which does not reflect the Fair, Inclusion and Respect agenda of the Supply Chain School. It is important for the image of the industry that more diverse people are represented. Offsite

construction methods combine innovation and sustainability agendas, which both resonate well with people, particularly the younger generations. As a group, we should be proactive in communicating to our stakeholders inside and outside of the industry.

Ian H presented the new digital infrastructure for the Supply Chain School. This includes a new learning management system and a new Offsite Management School website – which is incorporated in the new Supply Chain School site.

New functionalities include easier and enhanced search functionalities to find appropriate learning resources, better dashboard reporting for individuals and companies (e.g. partners can see who within their organisation and supply chain is actively learning), and the ability to set courses for partner suppliers to ensure they have taken a specific set of modules.

There is a communication plan to announce the launch of this new infrastructure (expected Spring 2019).

- Resources: please inform Robyn Conran if you have resources (videos, pdfs, etc.) that should be added to the website/resource library.

4. CITB grant for increasing offsite training skills

To improve construction productivity levels, address the skills shortage and skills gap, and meet housing targets, CITB are investing £1.2M to increase the capacity and consistency of offsite (or modern methods of construction) training across the UK.

Two projects have been awarded funding across a 12-month period, beginning in April 2019. The projects will work collaboratively to deliver a set of trainers and training content aimed at vocational and further education students and industry professionals. The training materials will be open-source and, for the majority, free at the point of use.

The School will deliver the first project in collaboration with the Manufacturing Technology Centre and the National Open College Network (an end-point assessor for construction learning). Construction Scotland Innovation Centre are leading on the other project to help academia to deliver offsite training to students. These two projects are summarised below.

- (1) **Offsite qualification: led by [MTC](#)**, this project will develop an intensive 25-day offsite training course, and 50 trainers to deliver it, aimed at students in apprenticeships, in vocational training programmes and professionals. In conjunction, the [Supply Chain School](#) will develop a group of trainers, and deliver CPD accredited workshops and e-learning modules for industry professionals. More specifically, this will entail the delivery of:
 - 7 CPD accredited workshops** - aimed at occupations in construction: designers, project managers, cost management roles, procurement, logistics managers, site managers and assembly managers; and tailored according to the sector and system types;
 - 7 CPD accredited e-learning modules** - to accompany the workshops;
 - Updating of 13 CPD accredited e-learning modules** - on offsite construction already available via the Supply Chain School;
 - 10 trainers** - across the country capable of delivering at minimum one of the workshops;

- e. **“Train the trainer” material** - to enable other users to upskill in delivering the workshops.

The National Open College Network will act as the end-point assessor for this project, as well as use its UK-wide network for dissemination of the learning resources.

- (2) **Flexible training: led by CSIC**, this project will develop a set of 20+ modules on offsite subjects and will be freely available online for teachers to use in existing construction NVQs;

The team split into groups to inform learning outcomes, content, target audience, resources and leading organisations for each of the e-learning modules and workshops to be developed. The outputs of this exercise have been captured in the accompanying power point presentation (Employer group – 3 April).

Next steps:

- Action Sustainability will build upon the information collated in the slides. We will engage subject matter experts for each role to develop the detail.
- As such please inform Charles Naud (Charles.naud@actionsustainability.com) should you wish to recommend expert individuals or organisations you believe should be involved in the development of the material.
- At next meeting, this group will peer review progress.
- It was noted that a table of contents should be developed to map resources, learning objectives and overlaps between each module and workshop.

5. AOB

No further areas of business were brought up.

The next meetings will be held on:

- Wednesday 3rd July 2019 – 10:00-12:00
- Wednesday 2nd October 2019 – 10:00-12:00
- Wednesday 8th January 2019 – 10:00-12:00

These are scheduled to be held at Kier’s Foley Street offices.