

CIBSE ASHRAE Group – Group Report December 2015

Note: Please comment under any categories that apply to your particular group, inserting n/a in any other spaces. Groups are not expected to have an entry under every heading.

Name of Group

ASHRAE

Introduction

Formed in 1995 the CIBSE ASHRAE Group represents members who have an interest in the Building Services industry worldwide. Whilst a Group within CIBSE, membership is additionally open at no cost to members of ASHRAE, and also to interested individuals who are neither members of CIBSE nor ASHRAE. The group is unique within CIBSE in that it is not associated with a particular sub-discipline of building services and aims to focus primarily on issues with a transatlantic emphasis and inter-institutional activity.

Please list all Group officers and all other Group committee members. (Please include roles against each name.)

Role	Name
Chairman	Tim Dwyer
Vice Chairman	Ewen Rose
Secretary	-
Treasurer	-
Student Activities	Ryan Rodrigues
Research officer	Richard Rooley
Historic officer	David Arnold
Liaison members	
ASHRAE	David Arnold, Richard Rooley
Young Engineers' Network	Charlie Murray
Institute of Refrigeration	Graeme Maidment

Any vacancies on the Group committee

Group Membership/CIBSE Membership – Any points of note or interest including membership drives

Current membership of the Group on the CIBSE database is over 17135 – this is again a significant rise since December 2014 of over 1900 members

The group has members in 151(142) countries. The top 10 are ...

	December 2015	December 2014
UK	7893	6435
Hong Kong	1918	1653
UAE	900	670
Ireland	700	561
Australia	601	505
India	561	423
USA	479	391
Qatar	219	148
Malaysia	200	158
Singapore	186	168

Interest from China continues to grow slowly with 170 members

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Just under 4000 group members have elected to have their basic contact details with ASHRAE.

Group events (i.e. events organised by the Group's committee and publicised to the Group's membership)

The activities of the Group are on a wide technical base, attempting to carry through a broadly transatlantic theme.

Evening meetings are generally presented on the second Wednesday of the month principally uses webinars (sometimes with small physical venues) delivering to a global audience.

To illustrate the breadth of material 2015 has included

- "Principles of humidity, its measurement and practical advice for building commissioning" where a leading manufacturer of test instrumentation provided a practical introduction to the concept of 'relative humidity', outlined the fundamental principles of humidity measurement and the range of parameters used in building control and concluded with best practice methods for commissioning engineers. Webinar
- "Data Centre Energy Efficiency: Who, What, Why, When, Where and How" Don Beaty and Paul Finch of ASHRAE TC9.9 addressed core issues that underpin current data centre design including trends within the datacentre industry; measurement of data centre energy; standards & regulations; best practices for efficient operation; Innovative concepts & solutions followed by plenty of Q&A
- "Taking Control - How Controls, Commissioning and Collaboration are coming together to narrow the building performance gap" – our annual event held jointly with the CIBSE FM Group held just under the famous London 'Gherkin' building and transmitted live as a webinar (with chairing and one speaker remotely participating) provided an opportunity for the contracting, controls and FM communities to explore the challenges and propose solutions where true team working can deliver high performance buildings

And, in this 20th anniversary year, the key activity was the CIBSE/ASHRAE Graduate of the Year Award that is held, in conjunction with the ASHRAE Presidential lecture, in the autumn of each year.

This well-established and prestigious competition rewards the best graduate from a programme related to CIBSE/ASHRAE activities. This year the evening had another record audience of over 180 who witnessed the short presentations by the nine attending finalists on "How teamwork and collaboration can enhance my work as an Engineer?". The winner was Ryan Rodrigues of HurleyPalmerFlatt who studied as a postgraduate at London South Bank University

Last year's winner Emilia Targonska travelled to the 2015 Chicago ASHRAE winter meeting as the prize. She has subsequently attended the recent ASHRAE Modelling Conference in Atlanta and joined the ASHRAE YEA in their 'Leadership Weekend' in Goa in December (supported by her employer Hoare Lea).

The competition was this year jointly sponsored by three major sponsors Andrews Water Heaters, Ruskin Air Management and Schneider Electric and supported by CIBSE, ASHRAE, IMechE (and particularly the CBSD) and the Rumford Club (with generous bursaries for the runners up). Last year's winner Emilia Targonska joined the judging panel. Following the presentations from the finalists, ASHRAE president David Underwood presented at the London HQ of IMechE. David was also on the judging panel for the Graduate of the Year Award along with CIBSE and IMechE presidents

Those unable to attend the group meetings (including the many international members - almost half of the CIBSE ASHRAE group are outside UK/Ireland) are able to gain access to

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most of the presentations through the group website, www.cibseashrae.org as well as participate in webinars.

In 2015 there were 7595 unique visitors.

The presentations that has been downloaded most in 2015 are the presentation given by Ian Fielder 'FM Service Industry Perspective USA and The U.K.' from 2002 that has been downloaded 5,541 times, Phil Jones, from 2011, 'Labelling and log books' 4,444 times, 'Life Cycle Costing for Building Services' by Scott West in 2011, 3,383 downloads and Geoff Leventhall from 2006 "Noise Control in HVAC - Active Passive or None?" downloaded 3,322 times.

Events held in conjunction with other Groups or the CIBSE Regional Committees

Annual event (evening presentation) held in conjunction with CIBSE FM Group YEN (CIBSE Young Engineers Network) collaboration with CIBSE ASHRAE Graduate of the Year
Rumford Club provided bursaries for runners up in the Graduate of the Year competition.

Events in conjunction with any external bodies

The mutual recognition membership agreement with ASHRAE continues to attract applicants. The chair of the CIBSE ASHRAE group acts to both advise and monitor the progress of this initiative.
IMechE CBSD collaborated once again with the Graduate of the Year and ASHRAE Presidential Lecture. The IMechE President was also one of the judges
Inst of Refrigeration hold a joint annual event with the group and were involved in the events during the lead in to the Graduate of the Year award.

Publications involvement

None

Research activities of the Group

No specific actions.

Group involvement in consultations and policy development

None

Communications – e-newsletters, newsletters, website, forum etc

The group website (hosted independently of CIBSE, www.cibseashrae.org) and regular emails keep contact with a large proportion of the membership –the majority of group members have an email address. The site provides an automated group registration process (that automatically contacts CIBSE HQ), maintains an updated programme, abstracts, and papers from group events. There is still an intent is to move the CIBSE ASHRAE Group website on to the CIBSE platform in the near future.

The site has attracted 7,595 unique visitors in 2015 and there have been approximately 40,000 downloads of presentations from the site. (See www.cibseashrae.org for available downloads.) This is in addition to views of the recorded online webinars.

The group continues to benefit from coverage in the CIBSE Journal – the Journal continues to be keen to take articles covering CIBSE and ASHRAE activities.

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Education/Careers activities
Awards/Competitions organised by the group
CIBSE ASHRAE Group Graduate of the Year
Collaboration with other bodies and development of knowledge networks
Joint events with ASHRAE, IMechE, IoR
Sponsorship - What sponsorship was received this year, in kind or monetary? Are any future activities involving sponsorship planned?
<p>Trox and B&ES have sponsored evening discussion meetings (refreshment costs) we look to repeat in the coming year.</p> <p>Andrews Water Heaters, Ruskin Air Management and Schneider Electric sponsored the Graduate of the Year – Schneider Electric for the first time.</p> <p>The group plans to recognise the sponsors (with a certificate) at the CIBSE Reception at the Orlando ASHRAE meeting in January 2016</p>
Any activities of the group (relating to the group's original aims and objectives) that have not been covered above
None
Any noteworthy trends internal or external to the group that have a bearing on the group's operation
The CIBSE ASHRAE Graduate of the Year has a registered audience again larger than last year – there has been strong support from both CIBSE and IMechE HQ staff