

# Chartered Institution of CIVIL ENGINEERING SURVEYORS Report 2016



Front cover photographs show (left to right) Lovelyn Goh receiving the ICES University of Salford student prize in July; ICES Hong Kong demarcating the annual Eastern District Dragon Boat Race in June; and David Loosemore (right) handing over the presidency to Harry Bell in September.

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# Foreword

Just after taking over the presidency, I had the pleasure of opening our very first strategic planning workshop, involving both members and staff. One of the purposes of the workshop was to review where we are now. Looking back, much has been achieved and we can all be rightly proud of the amazing support and contribution we have made to this institution. Much can be accomplished by having a clear vision – and we move forward certain of our duties under our royal charter to both our members and to society.

The purpose of this annual report is not only to provide a broad outline of what has been achieved during a quite remarkable year, but also to demonstrate that we are committed to supporting the object of our royal charter. Last year, we talked about elevating the status of the civil engineering surveyor, this will obviously be a constant focus for the institution, but we are making real progress now that must be furthered.

For as many years as I can remember it has been an aspiration for the training offered by ICES to fully support our membership competencies. We have now bridged this gap in the commercial management arena, by working in partnership with Driver Trett, enabling attendees on our courses to increase their knowledge and aid them on their membership pathway. Another highlight of the last year has been the review of our relationships with other professional bodies and organisations. Over 20 memoranda of understanding and agreements are now in place. This is indicative of the importance which we genuinely place on partnerships and collaboration.

The culture of our institution is very special and remains unequalled in terms of being incredibly professional, friendly and supportive – characteristics that my predecessors have highlighted in the past and strengths that we must never lose.

We still continue to lead the way in our specialist areas of expertise and I look forward to the coming year with great optimism. Not only will there be real challenges to face for the construction industry but also for all professional bodies such as ourselves. I am confident that with your support we can continue to move forward and achieve even more in the future for the benefit of the public and the construction industry as a whole.



Harry Bell, President

# Members and society

We welcomed more chartered engineers under the ICES route, taking the total to nine

We formed a Professional Standards Committee to oversee professional registration

We held our annual region chairs meeting to exchange best practice and address common issues for our regional committees

We held a membership workshop in Qatar for staff on the ALYSJ joint venture £2.4bn Gold Line Metro in Doha

We invited a wide group of members to a strategic workshop to help in the planning of the institution's next five-year plan

We awarded the Richard Carter Prize for Excellence in Geospatial Engineering to Mark Lawton, for his work promoting the profession

Our social networks grew to 3,559 members on LinkedIn; 2,872 likes on Facebook; and 2,036 followers on Twitter

We sponsored six GeoDATA exhibitions across Europe

We gained five new examiners. Our total number of examiners now sits at 256. Eight examiners were trained in assessing applicants for professional registration

We welcomed 38 attendees to our one-to-one membership surgeries and carried out 18 workshops for civil engineering surveying companies

The ICES Macau region was officially launched and now has a committee and chair in place

The Hong Kong branch of our Commercial Management Practices Committee was launched

Civil Engineering Surveyor was a media partner for several conferences including the FIDIC International Users' Conference; Construction Law Summer School; and Bentley Year in Infrastructure

We were again co-organisers of the GEO Business conference and exhibition that attracted 2,200 visitors from 50 countries. ICES also took responsibility for chairing the 2016 conference

# Innovation and learning

We have been members of the steering groups for the trailblazer apprenticeships for project control technician; geospatial survey technician; and geospatial mapping and science specialist

We reviewed our geospatial engineering and commercial management competencies for membership

We appointed a new development officer and began revitalising our careers activity. Over 150 members offered to promote the profession in schools

We carried out a survey of members on their schools engagement activities and collated the information to be used in furthering our involvement in this important area

We reviewed industry guidance on monitoring; surveying with unmanned aerial systems; and photogrammetry

We launched a new training partnership with Driver Trett to provide commercial management workshops and seminars

We accredited 18 new academic courses at seven universities and colleges. This takes the total number of accreditations to 102 across 39 institutions

We welcomed 11 new approved development schemes, and re-accredited a further six, taking the total number of ADS to 51

Articles in Civil Engineering Surveyor featured Project Ove; Iraq's deep sea ports; OSGM15 and OSTN15 transformations; GIS at Machu Picchu; Jeddah Tower; infrastructure security; and Tyne Bridge

We featured interviews with Sir John Armit; Bentley software CEO Greg Bentley; Antarctic surveyor Anett Dude; and director of the European GNSS Agency Carlo des Dorides

We hosted 20 days of training workshops in our specialist suite

We launched the ICES Publishing Prize recognising the best geospatial engineering and commercial management articles published by the institution

# Finance and responsibility

Our consolidated accounts for the last financial year showed ICES and SURCO had a surplus of £134,000. This was our fifth year of returning healthy accounts, whilst delivering a high standard of membership services

We raised over £1,000 for the Lighthouse Club benevolent charity

We became signatory members of the International Ethics Standards Coalition

As members of the International Construction Measurement Standards Coalition we promoted the consultation on the draft first international construction measurement standard

We launched the ICES Shop with branded merchandise for members

We submitted a response to the National Needs Assessment for the National Infrastructure Committee and were cited in the final report

We continue to promote and support the Class of Your Own initiative to encourage construction careers in schools

We contributed to the Construction Industry Council's User's Guide to Adjudication

We joined the UK Dispute Resolution Board Foundation

We supported the BuildForce initiative encouraging former military personnel into construction

We sponsored student awards at the universities of the West of England, Salford, Plymouth, East London and Nottingham, and at the Survey School and Royal School of Military Engineering

We continue to make our publications free to view online and via our newly launched app. This year we attracted 12,013 individual visitors from 141 countries to our dedicated online publications portal and welcomed 978 downloads of the app

We continued to be represented on the Construction Industry Council's Health and Safety Panel

We became founding members of the UK BIM Alliance, the new body taking forward the work of the BIM Task Group

# Institution affairs and collaboration

We continue to support Survey4BIM and published the group's discussion paper 'Geo-enabling BIM: The Big Five Challenges to Level 2'

We conducted a presidential visit to Hong Kong and Macau, meeting with technology companies and organisations in the region

We signed new memoranda of understanding with the Chartered Institute of Arbitrators; Shenzhen BIM Laboratory; Hong Kong Institute of Surveyors; Asia-Pacific Location Service & Wisdom City Industry Technology Innovation Strategic Alliance; and Association of Cost Engineers. This takes the total number of MOUs to 23

We were a supporting partner for numerous conferences and exhibitions including Salford University BIM conference; Manchester Construction Summit; International Conference on Sustainable Civil Engineering; Institution of Civil Engineers' Procurement and Supply Chain, and Roads conferences; Royal Institution of Chartered Surveyors Diversity and Inclusion Conference; Middle East Transport and Logistics Expo; and Marine & Coastal Civil Engineering

We held a successful Institution Dinner at One Great George Street, Westminster, attracting over 200 members and guests

We continue to work with the Survey Liaison Group on guidance papers and events

We continue to work with the Institution of Civil Engineers through the joint Management Panel and Geospatial Engineering Panel

We held 26 committee meetings and 68 regional events ranging from a site visit to the Kielder Dam; a Burns Night supper; a visit to the Royal School of Military Engineering; and demarcating the course for the Hong Kong annual dragon boat race

We continued to be represented on the Joint Contracts Tribunal and Infrastructure Conditions of Contract user groups; the Construction Industry Council's Adjudication and Liability Panels; and Institution of Civil Engineers' Dispute Resolution Panel



## ICES in numbers

407	Fellows	3,504	Members in the UK and Ireland
1,564	Members	861	Members in Hong Kong and China
168	Technical Members	53	Members in the UAE
357	Associate Members	558	Members in 50+ further countries
451	Graduate Members		
1,237	Student Members	1,318	Members aged 18-30
532	Affiliates	1,398	Members aged 31-45
260	Retired Members	1,360	Members aged 46-60
		794	Members aged 61+
4,431	Male members		
537	Female members	9	ICES Chartered Engineers

All figures correct as of 31 December 2016. Age and gender data supplied by members.