

秘書長報告 2010/2011



「理想社會——工程專業為你創」乃香港工程師學會於二零一零／二零一一年度的主題。連串的工作亦標誌著這是學會特別忙碌的一年，我們在二零一零年十二月更設酒會與一眾嘉賓慶祝學會成為法定專業團體三十五周年。

年度主題當中「社會」一詞，所指的既是香港整體社會，亦同時包括工程界社羣，學會本年度正是致力服務這兩個羣體。

就香港整體社會而言，學會於二零一零年初就馬頭圍道發生的塌樓事件，瞬即成立「樓宇結構安全專責小組」，探討樓宇安全相關問題。經過數個月的努力，於同年十一月，學會為市民大眾推出一系列免費的錄像短片及小冊子，以加深大眾對樓宇結構安全的認識。錄像短片的精華片段更於二零一一年二月十二日至三月二十七日期間的周末及周日，於巴士網絡頻道「路訊通」播出。

一如以往，學會繼續就大眾所關注的議題成立專責小組，並發表工程界別的专业意見。這包括了在財政司司長於二零一一年二月二十三日發表《財政預算案》前向政府提出建議、回應法律改革委員會轄下集體訴訟小組委員會的諮詢文件，及就當局草擬《競爭條例草案》其中有關專業團體豁免的事宜進行研究等。

為促進會員參與公共事務及社會服務，秘書處擔當學會與政府部門、十八區區議會、以及其他團體及事務委員會的橋樑角色，協調委任學會代表的工作，並安排會員參與其中及提供工程專業意見。

在全球一體化之下，我們本著「放眼世界，立足本土」的精神，在本地亦心繫天下事。學會本年度仍繼續支持四川災後的重建工作，截至二零一零年年底，有關的項目信託基金已籌得合共港幣一百六十萬元來自會員的捐款，基金信託人已核准支持發展局的「四川重建工程系統技術支援項目」，並邀請義務工程師就當地醫療建築的屋宇裝備工程、「數字臥龍」項目及工程系統改善計劃等多方面提供工程專業意見。

學會在對抗氣候變化問題上亦不遺餘力，本年度已是學會第二年成為「碳審計·綠色機構」，務求以實際行動減少排放溫室氣體。我們依照專責小組的建議，在學會總部施行了多項有助減排的措施，包括於二零一零年九月安裝LED燈、T5光管及節能的開關調節掣等。

除了社會服務外，學會亦致力透過傳媒組織不同活動來加強與公眾的溝通。學會於二零一零／二零一一年度，就傳媒有關工程事宜的查詢作出了三百六十次回應。至於公眾活動方面，我們本年度亦再度協辦廣受歡迎的全港大專生機械人大賽、推行學校大使計劃，以及連續第十七年參與教育及職業博覽等。學會至今已招募了一百九十四位學校大使，以及為六千六百名中學及大專院校學生舉行了四十多場職業講座。

我們向外接觸社羣的同時，也不忘關顧會員的需要。於二零一零年年初，我們便委託了香港大學民意研究計劃進行了一項網上會員意見調查，藉此掌握會員對我們所提供服務的意見，以便學會擬定今後的發展計劃。會員福利工作小組亦隨之成立，並跟進有關的調查結果。

該工作小組積極為會員及其家屬搜羅更多的優惠，當中的新優惠包括餐膳、進修及生活三大類別。藉著現今資訊科技之助，我們將有關的會員福利資訊上載至學會網站，以及透過電子會訊通知會員，這都有助加強學會與轄下各分部和委員會，以及個別會員之間的溝通。我們於本年度開首，便為各學會分部和委員會舉行了一次簡介會，好讓各成員了解分部的行政及財政運作，是次簡介會得到與會者的一致好評。

由香港特別行政區發展局、內地住房及城鄉建設部、以及河南省人民政府合辦的內地與香港建築業論壇已於二零一一年五月圓滿舉行，是次論壇的主題為「可持續城市形態：歷史文化名城的保護和發展」。發展局局長林鄭月娥率領香港代表團，一行二百二十多人前赴河南省洛陽市出席論壇。此外，會長亦於今年三月親赴英國的分部進行探訪，期間更在學會英國分部及英國結構工程師學會北泰晤士支部聯合主辦的技術會議上發表演說。

除此之外，會長亦於二零一零年十一月率領代表團到北京探訪了中國科學技術協會、鐵道部、及住房及城鄉建設部等單位。學會今年亦接待了十八個海外來訪的代表團。學會一向視與海外專業團體的合作為主要工作，於今個年度，便對外簽定及更新了三份相關的協議。

在工程師資歷認可的工作上，本年度亦有新發展。為回應香港高中新學制改革，以及國際間盛行的成果導向評估制度，學會重新檢討現時工程學學位課程、計算機科學學位課程，及其他工程學高級文憑及同等的專上課程的評估要求及程序。目前，工程學學位課程的評估要求及程序的檢討及修訂經已完成，至於計算機科學學位課程、高級文憑及同等資歷課程的檢討則仍在進行中。

此外，資歷評核政策委員會亦成立了工作小組，研究及落實能力為本評估方法，在法定會員層面進行

全面的專業能力及經驗的評審。該工作小組為更審慎落實有關評審制度，遂參考了其他專業團體的評審標準，以便擬定一系列的評審準則。

單就英語溝通技巧及撰寫論文的測試方面，工作小組亦參考了本地其他專業團體所使用的不同評審準則，從而擬定適切工程專業的基準。經過專業界別小組代表對評審標準進行諮詢後，工作小組遂同意採用國際工程聯盟的制度。

學會於二零一零年十二月二日假香港會議展覽中心舉行香港工程師學會成為法定工程專業團體三十五周年的誌慶酒會，當日有逾三百名會員及賓客蒞臨盛會，學會亦很榮幸邀得行政長官曾蔭權親臨主禮。

最後，本人衷心感謝會長、執行委員會、理事會、各政策委員會及事務委員會、分部及專業界別小組等各成員的支持及指導。本人亦感謝秘書處全人為學會這豐碩一年作出的承擔及付出的一切努力。

阮高聲

秘書長
阮高聲

1 香港工程師學會第三十五屆會員周年大會

2 學會連續第十七年參與「教育及職業博覽」

3 學會訪問團出席「二零一零年上海世界博覽會」

4 會長、上任會長、高級副會長、副會長、秘書長與「師傳普」成員合照



Secretary's Report 2010/2011



"Engineering the Community – Our Pride and Our Goal" was the theme of Session 2010/2011 and this was reflected in the Institution's work during a particularly busy year in which we also celebrated the 35th year of HKIE's establishment by Ordinance.

The word "community" refers to the Hong Kong community at large as well as the engineering community, and much effort was devoted to serving both during the Session.

In terms of the community at large, the Institution took action soon after the collapse of an old building on Ma Tau Wai Road in early 2010, by setting up the Task Force on Structural Safety in Buildings to address the issue of building safety. After months of hard work, the Task Force introduced a series of video and booklet in November 2010 for free distribution to the general public, to enhance their understanding of structural safety in buildings. Arrangements were also made to broadcast highlights of the video on RoadShow every Saturday and Sunday from 12 February to 27 March 2011.

The Institution also maintained its efforts to serve the community by offering its input on a number of issues. Several task forces/working groups were set up for this purpose, specifically a task force to formulate views on the Budget prior to the Financial Secretary's delivery of the Budget Speech on 23 February 2011; a task force to review the issue of class actions in response to an invitation from the Law Reform Commission's Class Actions Sub-committee; and a task force to study the Competition Bill with regard to the exemption of professional bodies.

To facilitate members' participation in public affairs and social services, the Secretariat also served as the contact point for requests from government departments, the 18 District Councils and various external boards and committees for nominations and professional engineering advice.

Consistent with the mantra of globalisation, "think global, act local", we took action within Hong Kong with the larger community in mind. We continued to support the reconstruction of Sichuan for example and as of the end of 2010, the HKIE Project Sichuan Trust Fund registered HK\$1.6 million in donations from members. During the year, the fund's trustees also reviewed and approved the Development Bureau's "Sichuan Reconstruction BS/IT/System Technical Support Project" and voluntary engineers were invited to provide engineering and professional advice in the areas of hospital-related building services, the "Digital Wolong" Projects, and engineering system improvements.

The Institution also played its part in the fight against climate change. As a signatory to the 'Carbon Audit – Green Partners' campaign, a carbon audit was commissioned for the HKIE Headquarters for the second year running. Following recommendations made by the Task Force on Carbon Reduction for the HKIE Headquarters, improvement works were carried out on the lighting of the premises in September 2010 with the installation of LED lights, T5 fluorescent lamps and dimmer switches.

In addition to serving the community, the Institution also continued its efforts to enhance communication with the public by engaging the media and organising various activities. During Session 2010/2011, the HKIE handled 360 media enquiries on engineering-related issues. Public activities organised during the year include the popular Robocon Hong Kong Contest, the School Ambassadors Programme and participation in the Education and Careers Expo 2011 for the 17th consecutive year. The Institution now has a record of 194 school ambassadors and more than 40 career talks were given to over 6,600 secondary schools and tertiary institutions students.

In reaching out to the community, members may rest assured that their needs were not neglected. To better serve our members, the Institution commissioned the University of Hong Kong's Public Opinion Programme to conduct an online members' survey in early 2010, to gauge members' views of our service provisions and facilitate the Institution's plans for future developments. A Working Group on Survey Findings 2010 and Membership Benefits was set up to study the survey findings with the focus on membership benefits.

The Working Group adopted a "proactive approach" towards identifying vendors for the provision of benefits for both members and their families. Subsequently new membership benefits were categorised into three major areas, namely dining, learning and living. We also embraced technology and information regarding the benefits was uploaded onto the HKIE website and sent out to members as part of the eNewsletter service set up to enhance communication between the Institution and Divisions/Committees as well as individual members. At the beginning of the Session, we also organised a briefing for the Divisions and Committees to facilitate their understanding of the administration and financing of Divisions/Committees, which was well-attended.

The 2011 Mainland and Hong Kong Construction Industry Forum was held with the theme of “Sustainable Urban Form: Preservation and Development of Historical & Cultural Cities” in May 2011. It was jointly organised by the Development Bureau of the HKSAR Government, the Ministry of Housing and Urban-Rural Development and the People’s Government of Henan Province with Secretary for Development Mrs Carrie Lam leading a Hong Kong delegation of more than 220 participants to Luoyang, Henan. In addition, the President paid a visit to the UK Chapter in March 2011 and delivered a keynote speech at a joint technical meeting organised by the UK Chapter and the Institution of Structural Engineers (IStructE) North Thames Branch.

In addition to the President’s UK visit, there was also an Executive visit to Beijing in November 2010 which took in the China Association for Science & Technology, Ministry of Railways and Ministry of Housing and Urban-Rural Development. The Institution also played host to overseas visitors who were part of 18 delegations to the HKIE during Session 2010/2011. Co-operation with overseas institutions remain a key part of the Institution’s work and three agreements were signed/renewed during the year.

There was also development in the Institution’s qualifying functions during the Session. In response to the implementation of the new senior high school academic structure as well as the international practice of outcome-based accreditation, reviews of the HKIE’s existing accreditation criteria and procedures for engineering degree programmes, computer science degree programmes and higher diploma and equivalent programmes were conducted. The review and revision of accreditation criteria for engineering degree programmes have been completed; the reviews for computer science degree programmes and higher diploma and equivalent programmes are still in progress.

To facilitate the move towards full competence-based assessment at the Corporate Membership level, a working group was formed under the Qualification & Membership Board to

study and implement the competence-based approach in the assessment of experience and professional competence for professional engineers.

In deliberating on the implementation of competence-based assessment, the working group reviewed the standards adopted by other professional institutions with a view towards producing a complete set of criteria for competence-based assessment. The working group also deliberated on the different benchmarks adopted by local professional bodies with a view towards developing our own benchmarks for English communications skills and an alternative test in essay writing. After consulting the Discipline Advisory Panels on the selection of appropriate competence standards, the working group agreed to move towards implementing the International Engineering Alliance system.

The HKIE celebrated its 35th year of establishment by Ordinance with a cocktail reception on 2 December 2010 at the Hong Kong Convention and Exhibition Centre. More than 300 members and guests joined us for the celebration, which was also graced by the Honourable Donald Tsang, Chief Executive of the HKSAR, as the Guest of Honour.

I would like to express my sincere gratitude to the President, the Executive, Council Members, Boards and Committees, Divisions and Disciplines for their unstinting support and guidance. I would also like to thank all the staff members in the Secretariat for their commitment and hard work in delivering another fruitful year for the Institution.



Monica YUEN
Secretary

- 1 The Launching Ceremony of the HKIE video and booklet on Structural Safety in Buildings
- 2 Executive visit to Beijing in November 2010
- 3 The Secretary and the management of the Secretariat working for the betterment of the Institution
- 4 New Members’ Reception in May 2011

