

秘書長報告2012/2013



—— 零一二 / 二零一三年度是忙碌和令人振奮的一年。

—— 首屆「卓越工程巡禮」在二零一三年首季隆重舉行，而一連串活動包括「21世紀香港十大傑出工程項目選舉」、兩場「卓越工程講座」及其他活動均廣受公眾歡迎。透過策略性的宣傳活動及各報章及電子媒體的報導，「卓越工程巡禮2013」引起了廣大市民的注意，其中開幕和閉幕儀式更被廣泛報導。我們又透過面書(Facebook)社交平台來擴大宣傳，鼓勵公眾投票選出十大傑出工程並取得了不錯的成效。通過電子和傳統媒體的結合，學會成功刻劃出工程專業正面的形象。

除了「卓越工程巡禮」這些具規模的活動外，學會也努力不懈地為會員提供更佳的服務。我們進行了多項資訊科技方面的改革，以多種方式提升學會的資訊科技設備系統。學會又成立資訊科技顧問委員會，提出建議務求令學會能善用最尖端及最合適的資訊科技，提升對會員及社會的服務。相關的新猷包括提供無障礙的官方網站、應用於智能手機的香港工程師學會應用程式和電子書架。此外，我們更在學會期刊封面上印上QR碼，方便讀者閱讀網上版本。

學會竭誠為社會服務，在本年度又出版了《樓宇保養維修指南》，提出六項安全隱患，提醒舊樓業主在進行保養和維修樓宇時應注意的事項。我們已通過各民政事務處向市民免費派發該指南。市民也可從香港工程師學會網站下載電子版本。

在向年輕一代推廣工程專業的工作上，共有一百二十三名會員加入成為學會的學校大使，他們舉辦了四十九個學校職業講座推廣工程專業，有近六千八百二十四名中學和大專院校學生參與其中。與此同時，學會繼續參與「教育及職業博覽2013」。學會在該展覽中設有攤位，主動接觸入場人士以提升工程師的專業地位及學會的形象。該攤位深受歡迎，合共有超過一千六百多名中學和大學學生、工程畢業生和市民參觀。

早在前一屆已開始的多個重點項目在本屆也有不錯的進展，其中一項就是有關工程專業的歷史研究。由本屆會長帶領的香港工程師學會歷史研究專責小組（專責小組），負責監督整項研究的進度。此項研究工作經過招標後交由香港大學中文學院負責。專責小組隨後決定將研究成果編印成書。其中中文版《筮路藍縷 以啟山林—香港工程發展130年》於二零一三年第三季出版，而英文版本則預計在二零一四年推出。

學會一向努力不懈推動優質工程。在過去幾年，學會致力於發展一套配合全球趨勢、以「能力為本」的方法以評估工程師的經驗及專業能力。為配合香港新推行的3-3-4學制，學會在學術評審方面由二零一二年起已採納了以「果效為本」的方法。我們於二零一三年三月到訪香港公開大學，進行首個以「果效為本」的評審諮詢考察，並計劃稍後對香港科技大學和香港大學進行評估。本會亦正積極籌劃進行其他非本地或自資的工程學位課程的評估。

繼今年年初舉行的「創『智』工程2013」的討論後，學會確立了「持續發展」、「專業精神」、「廉潔正直」、「精益求精」及「力臻完善」為學會的核心價值。這些價值早已充分在學會各項新、舊活動項目中反映出來。學會在會員人數上得以穩步上揚，亦有賴各領袖及會員一直秉持著這些對



師傳薈2012/2013



二零一二年香港工程師學會國情研習班

學會發展至為重要的核心價值。本會現有超過三萬名會員，連同新增的能源專業界別，專業界別數目更增至二十一個。我們又積極招募航空專業界別的仲會員。而近年成立的物流與運輸專業界別，創始會員人數已達二百零五名。

近年工程畢業生培訓計劃的熱烈反應鞏固了學會在培育新晉方面的工作。今年參與計劃的公司／機構及學員均創下歷史新高，有一百九十九間公司及一千零八名畢業生正參與其中，學員人數更是首次突破一千大關。

隨著學會會務不斷壯大，現有總部的空間已不敷應用。為了解決這問題，本會特別成立了會址專責小組，探索尋找新會址及多種資金籌募方式的可行性。理事會在二零一二年七月十九日會議上又通過議決，同意一連串的安排：出售現有會址、購買新物業及有關的財務安排。

在通過決議後，又在專責小組屬下成立了三個特別小組，即購址融資特別小組、出售及收購物業特別小組及資金籌募特別小組，監督出售現有物業、購買新物業、安排按揭、與銀行磋商和開展籌募資金的策略。

在今年初舉行的環保建築專業議會週年大會中，會長作為議會的董事之一及學會代表，獲推選為議會主席。因此，學會秘書處將兼任環保建築專業議會秘書處，為期兩年直至二零一五年。環保建築專業議會成立於二零零二年，學會是環保建築專業議會的創始成員之一。該議會是一所非牟利學會，專注有關環保建築項目的研究和教育工作，並著重專業推廣可持續發展之都市及建築設計。

學會在二零一二／二零一三年度舉辦的各項會議及活動繁多，成功全賴秘書處職員的努力和各會員的支持。我想藉此向大家表示衷心的感謝。

阮高馨

秘書長
阮高馨



21世紀香港十大傑出工程項目選舉記者會



卓越工程講座



Chief Executive and Secretary's Report 2012/2013



Session 2012/2013 was a busy and exciting year in which the inaugural Engineering Week was launched to much fanfare. The packed programme of events, which included the Hong Kong People Engineering Wonders in the 21st Century, two Distinguished Lectures and other activities, proved highly popular with the public. Media coverage, which was strategically complemented by promotional placements in newspapers and websites, generated considerable public interest, especially for the opening and closing ceremonies. By taking advantage of social media, ie Facebook, to broaden publicity and encourage public voting, the election of the Hong Kong People Engineering Wonders was also a great success. Through a combination of electronic and traditional media outlets, the Institution successfully projected a positive image of the engineering profession.

The Engineering Week is our most high-profile and large-scale initiative during the report period but by no means the only one. As part of the HKIE's continuing efforts to serve members better, we have embraced technological advances and launched several IT initiatives aimed at enhancing our IT infrastructure in a number of ways. We have set up the IT Advisory Committee to advise the Institution on the state-of-the-art and the best practice of IT development that could enhance the services of the Institution to its members and the community at large, and have also introduced a barrier-free website, the HKIE Apps for smartphones and an e-bookshelf. In addition, a QR code has been placed on the cover of our Journal, the *Hong Kong Engineer*, to facilitate access to the online version of the Journal by readers.

To serve the community, we also published the "Handbook on Building Maintenance and Repair" during the Session, to

highlight six potential safety hazards that building owners should be aware of when undertaking the maintenance and repair of old buildings. We have arranged for the handbook to be freely available to members of the public through government District Offices around Hong Kong. An e-version was also made available for downloading from the HKIE website.

In terms of our promotion of the engineering profession to the younger generation, a total of 123 members have signed up as our School Ambassadors. To promote engineering to secondary school students, 49 school talks were arranged for nearly 6,824 students from secondary schools and tertiary institutions. In parallel, the Institution continued to participate in the "Education and Careers Expo 2013". The HKIE booth was set up with an aim to enhancing the visibility of engineers as well as promoting the engineering profession and the image of the Institution to visitors to the Expo. The booth was well received by more than 1,600 secondary school and university students, engineer graduates and members of the general public.

A variety of initiatives begun in previous Sessions also made headway during Session 2012/2013. Among them was the establishment of the Task Force on History of the HKIE (the Task Force) chaired by the President, to monitor a research study on the history of the engineering profession. The tender for the study was awarded to the School of Chinese of the University of Hong Kong. The Task Force subsequently agreed to have the findings published in both Chinese and English, with the Chinese version of the book on the study, entitled 《筲路藍縷 以啟山林—香港工程發展130年》 be published in the third quarter of 2013 and the English version be launched in 2014.

As part of the HKIE's relentless pursuit of engineering excellence, a lot of hard work has been invested over the past years in the development of competence-based assessment, in line with international trends. The outcome-based approach was adopted for the academic component to tie in with the switch to a 3-3-4 structure in Hong Kong's education system. The Institution conducted the first outcome-based advisory visit to the Open University of Hong Kong in March 2013 and visits to the Hong Kong University of Science and Technology and the University of Hong Kong are now under planning. The Institution is also actively planning accreditation visits for other non-local and self-financed engineering degree programmes in Hong Kong.

Following the InnoCamp 2013 held earlier this year, Core Values such as "Sustainability", "Professionalism", "Integrity",



Media Luncheon 2012



Presidential Visit to the UK in 2012

“Excellence” and “Continuous Improvement” were identified for adoption of the Institution. The importance of these values, which are amply demonstrated by the new and ongoing initiatives, is reflected in the HKIE’s encouraging growth. The Institution is now home to more than 30,000 members and the number of Disciplines has also increased to 21 with the establishment of the Energy Discipline. In the meantime, we are actively recruiting Associate Members for the Aircraft Discipline. A total of 205 Founding Members have also been admitted to another newly-fledged Discipline: the Logistics & Transportation Discipline.

The sustainability of the Institution has also received a boost from growing participation in Scheme “A” training. A record high number of companies – 199 – joined the Scheme in this Session. The number of trainees under the Scheme was also a record high, at 1,008 breaching the thousand-mark for the first time in the Institution’s history.

As the HKIE goes from strength to strength, the shortage of space to accommodate all the activities organised by the Institution and the Divisions has become increasingly apparent. To address this issue, the Task Force on Institution’s Accommodation was set up to explore the feasibility of finding a new home and different funding options for such a project. At its meeting on 19 July 2012 the Council approved the recommendations and arrangements for the sale of the existing premises, the purchase of new property and the financial arrangement involved.

Following the decision, three special groups, i.e. the Special Group on Finances for Acquisition of Institution’s Accommodation, Special Group on Sale & Acquisition of Properties and Special Group on Fund Raising, were formed under the Task Force on Institution’s Accommodation to oversee the sale of the

existing premises, the purchase of the new property, mortgage arrangement, negotiation with bank institution and development of fundraising strategies.

At the Annual General Meeting (AGM) of the Professional Green Building Council (PGBC) held early this year, the President, one of the directors of the PGBC and representatives of the HKIE, succeeded as the Chairman of the PGBC. Hence, the HKIE will take up the role as the Secretariat of the PGBC for a term of two years until the AGM to be held in early 2015. The PGBC was formed in 2002 and the Institution is one of the Founding Members. It is a non-profit making research and education institute to promote a better sustainable built environment through professional involvement.

Meeting the challenge of organising so many meetings and activities would have been impossible without the dedication of the Secretariat staff and the unflinching support of our members. I would like to take this opportunity to express my sincere gratitude to all of you for your contributions to the success of Session 2012/2013.

Monica YUEN
Chief Executive and Secretary



Education and Careers Expo 2013



New Members' Reception in May 2013