

會長報告 2009/2010



本人在發表【會長演說】時，提出香港必須增強能力以適應氣候變化帶來的挑戰，同時要在已有的基礎上持續發展工程專業，確保我們的專業每天都緊貼急速轉變的世界，並在瞬息萬變的社會中不斷精益求精。因此，本人選擇了可持續發展作為本年度的主題，而學會、各分部及事務委員會年內均舉辦了一連串活動以響應這個主題。

當中有兩項以可持續發展為主題的重點活動我希望在此一提。為了回應二零零九年十二月在哥本哈根舉行的聯合國氣候變化峯會，學會在二零一零年一月舉行了一次匯報，讓會員掌握峯會的議案、結論以及與香港有關的碳減排目標。是次匯報共有超過一百人出席，可見會員都非常關心氣候變化問題。

另一個重點活動是由中國工程院徐匡迪院長主講，以「轉變經濟發展方式，建設低碳社會」為題的院士論壇暨午餐會。學會實在很榮幸能邀得徐院長在這最適切的時間為我們發表演說，讓與會者認識到國內的低碳經濟發展，講座亦大大開闊了聽眾的視野。

各分部也舉辦了很多以可持續發展為主題的活動，內容及議題非常廣泛，包括低碳交通運輸及可持續發展基建項目等。而令我印象最深刻的活動有三項，分別都在二零一零年三月至四月期間舉行：建造分部舉辦有關綠色建築設計、營造及管理的研討會；環境分部舉辦以低碳發展為題的研討會；及土木分部以探討未來基建發展方向的會議。這三個研討會每個都吸引了數百位會內外人士參加。

這些活動得以順利舉辦，證明各會員非常關注香港的可持續發展，同時也說明工程專業有能力為香港社會所面對的挑戰提供出路。為了進一步讓會員將可持續發展的信念轉化成行動，本人特別倡議了一份「香港工程師學會構建可持續香港議定書」，而各個分部、仲會員事務委員會、安全工程專責事務委員會及青年會員事務委員會在【會長演說】當晚簽訂議定書後，都積極以行動表明他們對議定書的支持。

正如前述，各分部及事務委員會在年內舉辦一連串與可持續發展有關的活動可謂形形色色，包括組織交流團到海外取經、舉辦本地學習團、講座、工作坊、設計比賽及參與社會服務等。這些活動不但創新多變，主題更涵蓋市民日常生活的每個層面。由此可見，工程師在推動香港可持續發展擔當著重要的角色，而且其影響亦觸及市民生活的每一個範疇。

除此以外，學會亦不時應政府的邀請，就涉及香港可持續發展的議題提供專業意見，例如可持續發展委員會有關建築物設計的建議，以及環境保護署有關空氣質素指標檢討的公眾諮詢文件。我們也向立法會遞交了多份意見書，議題包括保護臭氧層、空氣質素指標檢討、環保建築、建築物能源效益、打擊堆填及非法傾倒廢物措施及廢電器電子產品生產者責任計劃等。對於關係民生的重要議題，例如廣深港高速鐵路，學會更主動透過傳媒向市民提供專業意見。有見年初發生於馬頭圍的樓宇倒塌事件，學會亦就舊樓的安全情況表示關注。

對於獲委任為香港綠色建築議會的創會主席，本人深感榮幸。香港綠色建築議會的設立是為了凝聚社區、業界和政府的力量，致力推廣可持續發展的綠色建築和標準，創造更綠化的可持續發展環境。本人相信香港工程師學會日後與香港綠色建築議會將有更多協力互動的空間，共同推動香港綠色建築的發展。

為了讓工程專業能持續發展，本人在任內推行了師傅計劃以培育工程界的人材，並且根據各報名者對可持續發展的卓見，挑選了六位年青工程師參與這計劃。這六位年青人在過去一年陪同本人出席了重要的會議和活動，從中汲取工作以外的寶貴經歷以提升其領導才能。

此外，本人也安排了這幾位年青人參與一連串的活動，好讓他們能漸漸成長，蛻變為對社會負責、關注環境保護又處事成熟的工程師。他們不單有機會以觀察員身份參與理事會會議，而且也應邀到本人工作的地點參觀，了解與氣候變化、低碳經濟及城市可持續發展動力的工作，例如節約性城市計劃。這些項目源於世界經濟論壇，並借鏡有關城市流動性、智慧能源和可持續發展的建築的全球最佳實務和政策。



▲ 會長發表《工程師：構建香港持續力》的演說



▲ 會長頒發證書予各新會員



▼ 香港工程師學會第三十四屆會員周年大會



▼ 會長於傳媒午餐聚會上介紹學會的發展方針

我們還一起參與不同類型的活動，例如環境分部的周年研討會。此外，在本人為香港中文大學的行政人員工商管理碩士課程進行電視錄影時，他們也有在場觀摩學習。我亦有邀請他們一起與發展局局長林鄭月娥會面，在這一個多小時的會面中，我們就多個議題交換了意見。作為修業期滿前的最後一份功課，我們在六月一起籌辦了一個以年青會員為對象的活動，探討如何在香港發展低碳經濟。他們出色的表現，實在值得讚許，本人謹此致意。因此，我可以肯定地告訴大家，這些近日成為香港熱門話題的「80後」一群，一定能為學會及香港社會的可持續發展作出更大的貢獻。

為了讓各新、舊會員了解學會的架構、工作及服務，學會在本年度特別製作了一本會員手冊。與此同時，我們又透過香港大學民意研究計劃向會員進行了一項網上意見調查，好讓領導層了解大家對學會提供各項服務的評價。是次網上意見調查得到各會員踴躍支持，一共收到近一千二百份回應，所收集到的意見對學會改善服務有莫大的幫助。

在提高學會的知名度及培養會員對學會的歸屬感方面，本年度一共有兩次迎新酒會假香港會所舉行。這兩次聚會不單能讓會員彼此認識，席上頒發證書予正會員及資深會員更肯定了他們一直以來所付出的努力和成就。在舉辦第二次迎新酒會同日，學會更在本地報章刊登了特輯向大眾推廣工程專業，內容包括新會員的名單、學會的簡介及本人的訪問。

要讓學會能持續發展，我們亦需要放眼世界。因此，本人在任內多次出訪，包括探訪澳洲分部、英國分部及加拿大分部，以表示學會對這三個海外分部的重視及關心，同時也讓身處外地的會員掌握香港各基建項目的最新發展。其中本人到訪英國時，除了為會員和嘉賓設酒會外，也應邀於英國土木工程師學會及英國結構工程師學會合辦的一場公開演講會上演講。在內地方面，學會也在北京舉辦了一個酒會招待當地會員。

本人衷心希望透過以上的各項工作，將可持續發展的理念深深植根於每一位的心中，令香港工程師學會能健康、持續地發展。

陳嘉正

會長
陳嘉正博士、工程師

President's Report 2009/2010



In my Presidential Address I had talked about the need for Hong Kong to build resilience against climate change. I also talked about the need to develop our profession further, to ensure our collective progress and continued relevance in a fast-changing world. That is why I chose sustainability as the theme of my Presidency and many of the activities of the HKIE during my term reflect this focus.

Two key events related to this theme were organised during the report period. The first one was the COP15 debriefing in January 2010 to provide members with a summary of the negotiations and conclusions reached at the 15th United Nations Climate Change Conference (COP15) in Copenhagen last December, as well as our own views on carbon emission target relevant to Hong Kong. The forum attracted more than 100 attendees, demonstrating our common concern over the issue of climate change.

The second important event was a luncheon talk in March by Chinese Academy of Engineering President Prof Xu Kuangdi, on the topic "Changing the development model to build a low-carbon economy". It was a great honour to have Prof Xu's timely address at the special invitation of the HKIE, and the perspective he offered, covering the whole country, provided an important context for us.

Many other events were organised, by our Divisions, on sustainability-related topics ranging from low-carbon transport to sustainable infrastructural development. I was particularly impressed by three of them: the "Smart & Green Building – Design, Construction and Management" seminar organised by the Building Division in March; the "Engineering Challenges for Low Carbon Future" seminar organised by the Environmental Division in April; and the "Infrastructure Solutions for Tomorrow" conference organised by the Civil Division, also in April. All of these were attended by hundreds of members as well as external participants.

These and other events show our members' concern for the sustainable development of Hong Kong and also demonstrate our ability to offer solutions that our city needs. To help us translate these discussions into action, I initiated the establishment of the "Protocol of Engineering a Sustainable Hong Kong" and am pleased to report an enthusiastic response from the Divisions as well as the Associate Members Committee (AMC), Safety Specialist Committee (SSC) and Young Members Committee (YMC).

The activities organised by the Divisions, AMC, SSC and YMC are wide-ranging, reflecting the many aspects of life in which the work of our engineers can contribute towards a sustainable Hong Kong. They included overseas visits to observe best practices in other countries and local technical visits; seminars and workshops; design competitions, and community service events.

We also provided the Government with professional inputs on a range of issues that impact on the sustainable development of Hong Kong. The Institution responded to the Council for Sustainable Development's invitation to offer views on building design as well as the Environmental Protection Department's public consultation on the air quality objectives review. We also submitted views on a number of environmental issues that were discussed in The Legislative Council, on protection of the ozone layer, the air quality objectives review, green building, building energy efficiency, measures to combat fly-tipping and illegal land-filling activities and the introduction of a producer responsibility scheme for waste electrical and electronic equipment. We also interacted with the media to express our views on a range of subjects such as the Guangzhou-Shenzhen-Hong Kong Express Rail Link, a critical infrastructure project and the state of our old building stock following the building collapse at Ma Tau Wai Road.

Personally, I had the honour of being appointed the founding chair of the Hong Kong Green Building Council, which was set up to promote green, sustainable buildings and standards in the city by engaging the community, industry and Government. I foresee much synergy between its work and that of the HKIE.

As part of our continuing efforts to promote professional sustainability, I introduced the President's Apprentice Scheme to give young members a taste of life as a senior professional engineer. Six young engineers were selected on the basis of their views on sustainability and given the opportunity to accompany me on official functions, to gain exposure to a wider variety of issues and develop their leadership skills.

The apprentices were involved in a number of activities that I hope will help their gradual transformation into mature and socially and environmentally aware engineers. They were invited to attend Council meetings as observers and came to my office to be briefed on our work in the areas of climate change, low-carbon economy and city sustainability initiatives such as the SlimCity initiative, which were developed in collaboration with the World Economic Forum to capture global best-practice and policy on urban mobility, smart energy and sustainable buildings.



▲ The distinguished guests joining the toast to the HKIE at the 35th Annual Dinner



▼ The President's Reception in the UK



▲ The President together with the six young Apprentices



▼ Signing Ceremony of the Reciprocal Recognition Agreement with Engineers Australia

Some of the apprentices subsequently attended the Environmental Division's annual seminar with me and also observed the recording of a TV interview with me conducted by the Chinese University of Hong Kong's EMBA programme. I also took them with me to a meeting with the Secretary for Development, Mrs Carrie Lam, for an hour-long dialogue on a range of subjects. As one of their last assignments, they have been working with me on an event in June targeted at young members. The event aims to explore actions that can be taken to develop a low-carbon Hong Kong. The six apprentices have done an admirable job: my congratulations to them. On this evidence, I am pleased to say that I have every confidence that the Post-80s generation, which has been the subject of much discussion in Hong Kong lately, will contribute much to the sustainable development of our Institution and our society.

The importance of communication in promoting sustainability cannot be overstated. For this reason, we have developed a simple Members' Guide to give members old and new a better idea of our structure, functions and services. We also commissioned the Public Opinion Programme at the University of Hong Kong to conduct an online members' survey, to gauge members' views of HKIE's service provisions. The response was good and the 1,200 submissions received will be invaluable in helping the Institution improve its service delivery.

To raise the Institution's profile and enhance new members' sense of belonging, we organised two New Members Receptions at the Hong Kong Club as an opportunity for us to get to know each other and to present the new members as well as Fellows with certificates to mark their status. A newspaper supplement containing an interview with me, a brief introduction to HKIE and the names of the new members, was also published on 23 April 2010 to tie in with the second New Members Reception.

Our overseas positioning is also an important aspect of the Institution's sustainable development. For this reason, my Presidency took in several overseas trips: visits to our Overseas Chapters in Australia, the UK and Canada, where I made presentations on Hong Kong's infrastructure. The UK visit included a reception and a public lecture by me co-hosted by our sister institutions, The Institution of Civil Engineers and The Institution of Structural Engineers. A Members Reception was also held in Beijing.

I hope that, through all these efforts, the idea of sustainability has been firmly etched in everybody's mind and the HKIE is on course to develop in a healthy, sustainable manner.

Ir Dr Andrew K C CHAN
President