

會長報告

2021/2022年度



兩年多以來，我們一直期待生活重拾正軌，但事與願違，新冠疫情始終揮之不去，嚴重干擾日常生活。毫無疑問，生活常態已徹底改變，難以復原。

由2019冠狀病毒病新型變種病毒引起的疫情日後或會不時爆發，遙距學習、虛擬協作等生活和工作模式亦會繼續沿用。事實上，在2019冠狀病毒病出現前，這些模式早已存在。改變是平常事，無法避免。與其抗拒轉變，不如積極配合，建立更勝從前的新常態。

我們選擇「香港工程師學會－專業維新」為2021/2022年度主題，顯示了學會放眼未來的決心：遵循舊習不如邁步向前，為工程師開拓有利的發展空間，努力建設更美好的香港。

為學會制定維新路線圖，就是我們銳意求變的最佳佐證。路線圖是一項五年計劃，涵蓋五大範疇，包括推行數碼化、改進會員服務、提升專業水平、鼓勵創新，以及檢討管治狀況，旨在協助學會作好準備，應對接踵而來的挑戰。

在制訂路線圖的過程中，學會特別成立了督導委員會，由我擔任主席，並委聘管理顧問公司負責執行。有關程序長達一年，當中涉及比照同類機構的情況、進行大型網上調查，以及舉辦「策略日」、一系列互動工作坊及大型公開論壇，藉此收集會員、僱主、高等教育院校，以至政府等不同持份者的意見。2022年6月6日，學會舉辦周年典禮暨頒獎大會，在前行政長官林鄭月娥女士出席見證下，路線圖正式公佈。我們亦同時將這份文件印刷成小冊子，臚列45項將引領我們踏上蛻變之旅的改革建議。

數碼化是學會改革措施賴以成功的關鍵，也是我們整體發展策略的重要一環。因此，有關工作成為我們本年度的焦點。我們以提升秘書處效率和改進會員服務為目標，計劃每年平均投資約300萬港元推行數碼化，並為每年的經常開支額外撥出資金，為期五年。

我們在年內推出名為《我的夢工程》網上宣傳短片系列，希望透過社交媒體建立強大社群，進而提升工程師的專業形象。這系

列包含了40段由學會與17家公司、機構及政府部門製作的短片。截至2022年8月，已有超過79,000人次透過YouTube頻道和我們在年內設立的Facebook及Instagram專頁收看。隨著Facebook及Instagram學會專頁的追蹤人數不斷增加，我們將再接再厲，利用網上渠道加強與持份者的溝通。

香港要加快融入大灣區，學會亦繼續深化與內地夥伴的聯繫。去年12月，我們聯同中國科學技術協會、國務院港澳辦公室、廣東省人民政府及世界工程組織聯合會舉辦了「2021大灣區工程師論壇」，活動以混合模式於橫琴和香港同步進行。席上，逾500位來自大灣區的工程界同業見證了兩份重要協議的簽訂－學會與中國科學技術協會續簽合作協議，以及與廣東省電機工程學會簽訂電氣工程師資格互認協議。同年10月，我們亦以混合模式與上海市科學技術協會、上海市青浦區人民政府合辦「2021滬港科技合作研討會」。活動以「新科技・新業態・新發展」為主題，由港、滬兩地的24位講者於網上或現場發表報告和分享，參加者超過300人。



● 會長發表2021/2022年度報告



● 「香港工程師學會－專業維新」策略日



● 香港工程師學會周年典禮暨頒獎大會

專業事務方面，學會於2022年1月1日起，正式獲納入「工務工程合約付款保障條款(SOP)審裁員提名團體登記冊」，為期三年，我們亦就此設立了審裁員專家小組。這是學會經年爭取採用其他方式解決爭議(特別是付款問題)所獲得的成果。我們持續向政府反映工程師的意見，例如致函發展局局長，力陳以不合理低價批出工務工程合約的趨勢暗藏隱憂，又成立由「師傳蒼」成員組成的專責工作小組，開展「工程及顧問合約採購政策檢討研究」，最終獲發展局採納由年輕會員提出的兩項建議，令人欣慰。

與此同時，這些年輕會員還提交了題為「關於擴充工程人才庫以應付可見需求研究」的研究報告，預測當「明日大嶼」、「北部都會區」等大型發展項目陸續動工，香港工程師短缺的情況會越趨嚴重。報告提出的另一項隱憂，就是監管部門為加強監督能力，近十年持續從私營機構挖角，導致有能力處理複雜工程的資深工程師減少。出現這種「人才流失」的情況，自然會對各項工程造成不良影響，負面消息又會進一步損害工程師的形象，在工程界和公營部門構成惡性循環。報告為此提出了數項可行方案，並成功引起廣泛和持久的討論。

在政府制訂《2021年施政報告》及《2022-23年度財政預算案》前，我們積極就科技、創新、土地及房屋供應、青年發展及環保議題提出意見，並呼籲政府加強與其他大灣區城市，特別是前海的聯繫。立法會選舉前夕，我們舉辦論壇，邀請會員與競逐工程界功能組別議席的候選人進行討論。至於行政長官選舉，我們亦把握與行政長官候選人及選舉委員會成員(與土地、房屋及建造有關的界別分組)網上會面的良機，反映對工程業持續發展的意見與擔憂。

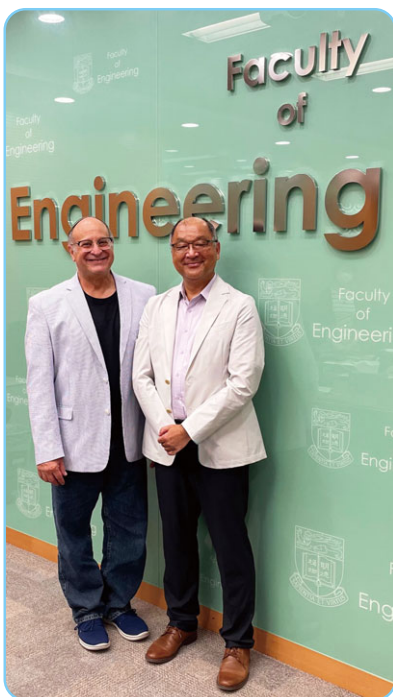
● 與中國科學技術協會續簽合作協議

正如我之前所言，新冠病毒仍在擾亂我們的生活。以2022年為例，我們被迫將學會的年度從「正常」的6月押後至8月底完結。下這決定當然不易，但它卻同時給予我們機會，好好反思怎樣改善工作流程。對於如何善用虛擬會議、電子投票等現代化的舉措以抵禦疫症對日常運作的影響，我們會積極探討。因為這些工具可以賦予我們更大彈性，應對特殊情況。另一方面，我亦致力在多出的任期裡與學會全人通力合作，確保理事會與所有委員會有效履行職能，順利邁向下一年度。

面對疫情再起的風險，我們必須確保生活不會再次受病毒主導。工程師既具創意，更有適應不同環境的能力和韌力。世界總會從疫情中康復過來。在這艱難的歲月，我們肩負著建立新常態的重責。新常態不僅與我們舊有的認知截然不同，而且將更勝從前。回顧歷史，香港一路經歷無數風浪，但總能克服困難，與時並進就是箇中關鍵。香港前景如何，視乎大家能否從經驗中學習。就讓我們效法前人的智慧，放眼遠方，奔向未來！

鍾國輝

會長
鍾國輝工程師



● 會見主要持份者，收集他們對維新路線圖的意見



President's Report 2021/2022

For more than two years now, we have been craving a return to normal life. Unfortunately, the COVID-19 pandemic has been relentless in disrupting our lives. It is obvious that what we think of as normal has changed – in some aspects dramatically – forever.

From now on, we may have to endure recurring outbreaks of new COVID-19 variants. Meanwhile, new ways of living and working like remote learning and virtual collaboration are here to stay. Still – and regardless of COVID-19 – this is nothing new. Change has always been inevitable. Instead of resisting it, our best option is to embrace change, if only to build a new normal that is better than the one we have left behind.

By choosing “The HKIE – Time to Change” (“香港工程師學會－專業維新”) as the theme of Session 2021/2022, the HKIE made the conscious decision to look to the future; instead of sticking to an old normal, we want to forge ahead, create a more nurturing environment for engineers and build a better Hong Kong for all.

Our drive to change is best demonstrated by the development of the HKIE Time to Change Roadmap. A five-year plan aimed at equipping the HKIE to meet looming challenges, the roadmap rests on five key pillars: Pursuing Digitalisation; Enhancing Services to Members; Boosting Professionalism; Facilitating Innovation; and Undertaking Governance Review.

Overseen by a Steering Committee chaired by myself, the development of the roadmap

was spearheaded by a management consulting firm over a year-long process that involved benchmarking against comparable institutions, an extensive online survey, a Strategy Day, a series of interactive workshops and the hosting of a townhall forum in order to collect the views of all stakeholders, from our members and employers to higher education institutions and the government. Launched at the HKIE Annual Grand Ceremony cum Award Presentation held on 6 June 2022 in the presence of Mrs Carrie LAM CHENG Yuet-ngor, Former Chief Executive of the Hong Kong Special Administrative Region, the *HKIE Time to Change Roadmap* was also published as a booklet featuring 45 recommendations that will guide us through this journey of transformation.

Critical to the success of any transformation effort, digitalisation is a key component of the overall strategy of the Institution. The pillar of “Pursuing digitalisation” has thus been the main focus of this Session as we strived to enhance the Secretariat’s efficiency while improving services for our members. To meet this ambitious agenda, we plan to invest around HK\$3 million each year on average and on top of this, an extra total annual recurrent expenditure of roughly the same amount, for a period five years.

We also invested in fostering social media communities and enhancing the profession’s image by producing an innovative video campaign. Dubbed “What do engineers do?”, this series of 40 clips – produced in collaboration with 17 companies, organisations and government

departments – were viewed more than 79,000 times on our YouTube Channel and the new Facebook and Instagram pages we have launched in this Session (as at August 2022). With increasing number of followers on both our Facebook and Instagram, we intend to build upon these encouraging results to further increase our online reach.

With Hong Kong’s integration into the Greater Bay Area (GBA) set to accelerate, we continued our efforts to further engage with our mainland partners. Held in a hybrid format in both Hengqin and Hong Kong last December, we co-organised the “Greater Bay Area Engineers Forum 2021” (“2021 大灣區工程師論壇”) with the China Association for Science and Technology (CAST), the Hong Kong and Macao Affairs Office of the State Council, the People’s Government of Guangdong Province and the World Federation of Engineering Organisations. More than 500 participants from the GBA witnessed the signing ceremony of two important agreements: the renewal of the Agreement of Cooperation with CAST and a new Mutual Reciprocal Agreement with the Guangdong Society for Electrical Engineering. In October 2021, we also hosted another hybrid event entitled “2021 Shanghai and Hong Kong Symposium on Science and Technology” with the Shanghai Association for Science and Technology and the People’s Government of Qingpu District of Shanghai Municipality. Under the theme of “新科技 • 新業態 • 新發展”, the event attracted more than 300 participants to its 24 presentations made either online or in person in Hong Kong or Shanghai.



● Presidential Address 2021/2022



● The HKIE Time to Change Strategy Day



● The HKIE Annual Grand Ceremony cum Award Presentation

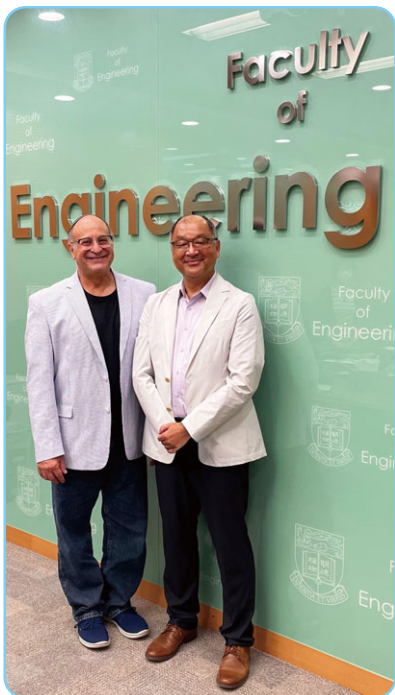
On the professional front, the HKIE has been admitted to the “Register of Adjudicator Nominating Bodies as part of the Implementation of Security of Payment (“SOP”) Provisions in Public Work Contracts” for a period of three years from 1 January 2022. As a result, we also formed the HKIE Panel of Adjudicators. This is the culmination of our years-long campaign to promote alternative dispute resolution strategies, especially those involving payment issues.

As part of our continuing efforts to make engineers heard in the public square, we submitted a letter to the Secretary for Development about what we believe to be a troubling trend: the acceptance of unreasonably low tender prices for public works contracts. We also set up a dedicated task force comprising members of the President’s Protégés Club to conduct a “Research on Procurement Policy Review

for Works Contracts and Consultancy Contracts” and are pleased to report that two recommendations made by our young members were adopted by the Development Bureau.

Meanwhile, our young members also submitted their “Research on Augmenting Engineer Manpower to Cope with the Foreseeable Surge in Demand”. The report predicts an acute shortage of engineers in the years to come as large-scale developments like Lantau Tomorrow Vision and Northern Metropolis finally come to fruition. The report also highlighted the unhealthy phenomenon that has seen experienced engineers being continually poached from the private sector to enhance the oversight capabilities of monitoring authorities over the past decade, thus forcing less experienced engineers to complete challenging works. As projects inevitably suffer as a result of this recurring “brain drain”, the adverse publicity further damages the image of engineers in a vicious circle for both the engineering industry and the public sector. The report introduced several possible solutions that have been generating intensive and ongoing discussions.

In the same vein, we contributed our views on topics like technology, innovation, land and housing supply, youth development and environmental sustainability while advocating for better connections with other GBA cities – more particularly Qianhai – as part of the 2021 Policy Address and Budget 2022-23. We also organised a LegCo Election Forum where members were invited to discuss with candidates standing for the Engineering Functional Constituency Election. An online meeting with the Chief Executive-elect and members of the Election Committee (Subsectors related to land, housing and construction) was also held before the election where we shared our views and concerns about the sustainable development of the engineering industry.



● Meeting major stakeholders to collect their views for conceiving the roadmap for change



● Signing ceremony for renewal of the Agreement of Cooperation with the China Association for Science and Technology

As I have said earlier, COVID-19 remains a disruptive force. For the first time ever, we had to extend the HKIE Session to late August 2022 instead of our “normal” June ending. While a difficult decision to make, this also gave us a chance to revisit how we could enhance our work. We were particularly keen to see how technology can “pandemic-proof” our operations, from virtual meetings to e-voting, so as to allow us greater flexibility when responding to special circumstances. I also intend to take advantage of my longer mandate to work with everyone involved with the HKIE to ensure that the Council and all our Boards and Committees perform their work smoothly as we transition to the next Session.

As we face the risk of future waves of COVID-19, we must ensure that the virus never dominates our lives again. Engineers are creative, resilient and adaptive. The world will recover from the coronavirus crisis. Meanwhile, it rests upon us to emerge from this tough period into a new normal that is not only different from what we have known before, but also better. Throughout its tumultuous history, Hong Kong always succeeded because it never fell behind. The key to our future lies in the lessons of our past, so let us look ahead once more like others before us so wisely did!

Ir Edwin CHUNG Kwok Fai
President