

## Launch of Mechanical & Electrical Resident Engineers and Resident Technical Engineers Registry

Collated by Annie

The Institution of Engineers, Singapore (IES) and Association of Consulting Engineers Singapore (ACES) jointly organized the Launch of Mechanical & Electrical Resident Engineers and Resident Technical Engineers Registry on 14 March 2014 at the IES Auditorium. Dr. John Keung, Chief Executive Officer of Building and Construction Authority (BCA) was invited as Guest of Honour to mark this auspicious occasion.

The Soft Launch of M&E RE RTO Registry took place in May 2013, and within nine months, the scheme has already admitted 157 individuals with more in the pipeline.



In Dr. Keung's speech, he stressed the Role of M&E REs and RTOs, who were part of the supervision team at site, played an important role during the construction stage. They also supported the many initiatives aimed at improving our built environment, such as achieving an environmentally sustainable built environment and a highly productive construction industry. The setup of the registry was thus timely and crucial in our push for a future-ready built environment by ensuring high standards in the M&E works in the industry for the Environmentally Sustainable Built Environment and the Construction Productivity. He emphasized that with all the developments to support the delivery of a future-ready built environment for Singapore, all in the M&E sector, especially the resident engineers and resident technical officers, to upgrade themselves and be registered with IES and ACES.

The registration would provide registered site supervisors with the appropriate training opportunities to enhance their technical know-how and help them keep abreast with the latest initiatives and developments in the built environment sector. He also urged the professional engineers to take advantage of this effort by IES and ACES to appoint resident engineers and resident technical officers who were accredited by this IES /ACES Registry for their projects.



**From left, Prof Chou Siaw Kiang, Dr. John Keung and Er. Koh Boon Liang exchanging ideas & experience during dinner.**



**Prof. Chou Siaw Kiang, President of IES**

Prof. Chou Siaw Kiang, President of IES extended the warmest of greetings to all attending the Launch of M&E RE RTO Registry. He remarked that Singapore was constantly pushing the boundaries of design and technology not only to supply the best infrastructure but also to embody the best practices on safety. This beautiful, state-of-the-art built environment would certainly not have been realised without the support of Mechanical & Electrical (M&E) Resident Engineers (RE) and Resident Technical Officers (RTO) who played extremely important roles in ensuring the application of correct materials and workmanship of construction projects by providing on-site supervision.

On the one hand, this Registry served to recognise M&E REs and RTOs who possessed the necessary professional competence, skills and knowledge; and on the other, it would help employers ensure that their building projects across Singapore were completed according to the highest safety standards and quality. Although there was no mandate for M&E REs and RTOs to be registered at this point in time, we believed that it was important for IES to initiate such a registry, for the benefit of the advancement of building and construction industry and for individual engineering professionals. Our aim was also to provide a platform for M&E REs and RTOs to acquire new knowledge, share experience, voice their challenges or concerns and network with like-minded people. IES and ACES would be jointly organising regular continued professional development courses conducted by senior engineers for Registered M&E REs and RTOs and help them brush up their knowledge and technical skills. We were honoured, to have Dr John Keung, CEO of the BCA, with us as we celebrated this important milestone in the built industry.





**Er. Koh Boon Liang, President of ACES**

**ACES is extremely proud to be part of this registry to provide a service to our members. It is very important that we as a volunteer organization explore ways to help and improve the professionalism of the industry ourselves. We should not sit back and depend on government regulatory control to advance our work. We must give recognition to the Registered M&E REs and RTOs present today the accolades that they deserved for maintaining a high standard of work in our Construction Industry. In addition, Er. Koh would like to thank all volunteers from IES, ACES and BCA who spend their valuable time in planning and the selection process to bring the registry to this Official Launch.**



Talk by Er. Ong Ser Huan Past President, The Institution of Engineers, Singapore  
Co-Chairman of M&E RE RTO Monitoring Committee  
“ Interesting findings through the Interviews with the Applicants ”

Er. Ong briefed on some useful findings during the long haul process of interviewing applicants for the M&E REs & RTOs Registry. It was to admit qualified M&E REs & RTOs into our Registry. Until today there is still a continual flow of applicants, averaging about 10 persons every week coming to IES to submit their application forms. Er. Ong congratulated those who had passed the interviews, as the certificates they obtained differentiated them distinctly from those without the certificates. He highlighted the importance for IES and ACES to set up this M&E REs/RTOs Registry as all knew the importance of good M&E systems for buildings and we ought to see to it that we had more of our capable people joining in as REs and RTOs to carry out effective supervision. He cited that there was a great shortage of capable M&E REs & RTOs at present. By facing the situation squarely, and with the help of all in the industry giving due recognition to the Registered M&E REs/RTOs, and by rendering continued education and more interaction, the Registered M&E REs/RTOs standards and productivity would be raised to the next level.



**Talk by Er. Teo Yann Co-Chairman M&E Practice Committee, Association of Consulting Engineers Singapore, Co-Chairman of M&E RE RTO Monitoring Committee, "The Role of a Mechanical & Electrical Resident Engineers and Resident Technical Officers"**

The Role of M&E RE/RTO is to assist the M&E Consultant to ensure compliance to design and quality to installation. Work scope would entail first understanding the work before working on quality check of incoming equipment/material, installation quality, functional and performance test and review of handover documentation. The depth and breadth of the work is indeed deep and wide As such, the creation of the registry would maintain standard and provide for upgrading. Finally, getting registered is just the first step. We need to encourage more to join and also continue to encourage the registered M&E RE/RTO to maintain a high standard in the course of their work to enhance the attractiveness of the Registry.





**Prof Chou presented Token of Appreciation to our Guest of Honour Dr. John Keung.**

**From Left: Er. Ong Ser Huan, Prof Chou Siaw Kiang, Dr. John Keung, Er. Koh Boon Liang, Er. Teo Yann**



Invited guests from Left: Mr.Goh Ngan Hong, Dr.Richard Kwok Wai Onn, Er. Koh Boon Liang, Dr. John Keung, Prof Chou Siaw Kiang and Prof Ting Seng Kiong



Invited guest sharing the meet up.





Invited Guest sharing moment.





**Invited Guest from Left: Er. Ong See Ho, Er. Koh Boon Liang, Prof Chou Siaw Kiang, Dr. Kwok Wai Onn Richard and Er. Lim Peng Hong.**





**Registered M&E REs & RTOs interacting during buffet dinner.**



**End of Event**