

Technical Seminar -Current Practices of Green Roofing in Hong Kong (22 July 2016)

This technical seminar is organized with the Asian Institute Intelligent Buildings (AIIB) and Hong Kong Institution of Engineers (Associate Members Committee (HKIE-AMC) with supporting by the Asian Institute of Building (AIOB), Building Services Operation and Maintenance Executives Society (BSOMES), Hong Kong College of Technology (HKCT), Hong Kong Institution of Engineers – Environmental Division (HKIE – EVD), Hong Kong Institution of Engineers – Mechanical, Marine, Naval Architecture & Chemical Division (HKIE – MMNC) and Society Operations Engineering, Hong Kong Region (SOEHK), have the seminar at Chan Yat Mei Sophie Room 9/F Island Beverley, No. 1 Great George Street, Causeway Bay Hong Kong HKIE Head Quarter on 22 July 2016.

Even through the seminar start at 18:30 but most of the participants lined up to stand in a queue for registration in main entrance of Chan Yat Mei Sophie Room along the passenger lift lobby at around 18:10.

We have the honor of invite three professional speakers to share the current practices of Green Roofing System in Hong Kong. They are Professor Daniel Chan Wai Tin - Department of Building Services Engineering (BSE) in HK PolyU, has retired from his post after 23 years of long and dedicated services. Mr. Raymond Wan Man Fai – Director of InnoGreen Environmental Limited and Mr. Lee Yuk Bor – Director of Garden Litcon.



First of all, Professor Daniel Chan kick off the seminar, who expressed the overview, benefit applicable and divided three modern of Green Roofing System in Hong Kong. Prof Chan emphasized the Green Roof design checklist which is importance for implementation stage, and what we should know in site selection & technical consideration such as structural loading, wind, shade, existing drainage system & water availability, waterproofing and planned maintenance cycle, accessibility and associated works, etc.

For the major content related to the safety measurement, checking, assessment procedure and project management, Prof Chan proposed to invite professionals with setting independent roles to conduct specific review with analysis and comment, for example, landscape architect to select the Green Roof, feasibility study conducted by AP/RSE for overview the Green Roofing Project, Structural Engineer to review the imposed load of the system, etc. Prof Chan also suggested to update the classification in Building (Minor Works) Regulation according to risk and safety evaluation before work implement.





During 18:45, there are full of the participants in the Chan Yat Mei Sophie room and still so many people have standing in queue so as HKIE had special arrangement for ATAL room and James Chiu room nearby for capable more and more participants to join the seminar.

The second speaker, Mr. Raymond Wan who share the technical issue and divided the different system including extensive, semi-intensive and intensive Green Roof System. Mr. Wan explained the general structure of Green Roof, how to consider in land use, plants selection, growth medium, irrigation system and follow up maintenance work during his presentation. Mr. Wan recommended the saturated load can be considering in design of the structural steel frame in Green Roof with technical data support.



The last speaker, Mr. Lee Yu Bor who share the case study with photo description how to establish a Green Roofing Project at the roof of schools in Hong Kong.

At last, AIIB EC past chairman, Ir Kelvin Tang expressed appreciation for three professional speakers, we all of us have take a group photo with supporting organization representatives and helpers. The total numbers of this technical seminar has registered 135 participants.

