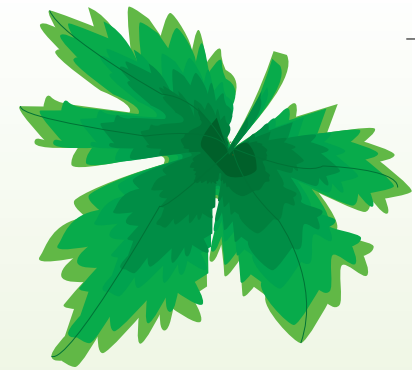


Experience Sharing on Green Public Housing Development in Hong Kong



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Abstract

Working together works. This is a story of partnering among stakeholders to plan towards a sustainable community for a public housing redevelopment project in Upper Ngau Tau Kok which has won the Grand Award under Research and Planning Studies Category for the Green Building Award 2006 organized by Hong Kong Professional Green Building Council, the HKIE Structural Excellence Award 2010 under the "Hong Kong Projects Residential Buildings Category", and was short-listed to be one of the finalists for the Quality Building Award 2010.

This project best demonstrates the "People-oriented Approach" in the project development. Knowing the group of future tenants with long established community network and culture from the Lower Ngau Tau Kok Estate, the Hong Kong Housing Authority signified the beginning of the Redevelopment programme through a Heritage Exhibition held in 2002, when the furniture and good old stuff collected from tenants were displayed at the estate.

Partnering with all stakeholders, including the residents, consultants, contractors, academia, and various organizations is the major driver towards achieving excellence in Quality of this project. Throughout the planning and design process, the project team engaged the tenants and the local concern groups through briefing sessions and workshops, and incorporated tenants' ideas in the design. Our core values of Caring, Customer focused, Creative and Commitment underpin our work. We pioneered to adopt micro-climate studies to enhance wind environment, natural ventilation, daylight and mitigation of solar heat gain of the built environment for healthy living. During construction stage, we engaged our tenants, contractor and local community to work towards greening of the environment through the Action Seedling Programme.

With a competent and performance-oriented team, we provided affordable quality housing in a proactive and caring manner with cost-effective use of public resources. By holistic planning for a "Sustainable Community", the redevelopment proposal revitalizes the old Ngau Tau Kok Estate and their neighborhood with objectives to plan for a "Sustainable Community" with balanced economic, social and environmental initiatives.

Speaker

Mr. Stephen Yim is a senior architect of the Development & Construction Division in Housing Department of HKSAR. Since joining the Housing Department in 1990, he has been in charge of several public housing development projects adopting micro-climate studies and community engagement for sustainability: the redevelopment project of Upper Ngau Tau Kok Estate Phase 2 & 3 won the Grand Award under Research and Planning Studies Category for the Green Building Award 2006 organized by Hong Kong Professional Green Building Council. Micro-climate Research Studies in public housing developments has also won the Special Architectural Award under 2006 Annual Award organized by The Hong Kong Institute of Architects, the Merit Award under 2007 Annual Award organized by The Hong Kong Institute of Planners, and the Highly Commended Award under Architectural and Surveying Innovation Category for the International Innovation and Research Awards 2008/09 organized by Chartered Institute of Building.

