



# INTRODUCTION TO WELL V2.0 AND NET ZERO ENERGY BUILDINGS

## BACKGROUND:

The WELL Building Standard is the world's first building standard to focus on enhancing people's health and well being through the built environment. In 2020, the latest version of WELL Building Standard V2.0 was released. The Standard is built on 10 concepts plus the innovation concept, each having various features of either precondition or optimization type. Each feature carries a certain number of points.

Like LEED, WELL operates on a points-based system.

## THE CPD WILL FOCUS ON:


- ★ **The history of the WELL development and the structure of V1.0 and V2.0 with emphasis on two concepts namely, Air and Thermal Comfort, as they are particularly important under the COVID-19 environment.**
- ★ **A review of NZEBs and technology to achieve them.**

## MORE ABOUT WELL BUILDING STANDARD:

LEED (Leadership in Energy and Environmental Design) rating system specializing on the green building has been popular around the world for over twenty years. It provides a framework for healthy, highly efficient, and cost-saving green buildings. The concept of WELL was first proposed in 2007 and a formal peer review process had been conducted from 2012 to 2014. WELL V1.0 was publicly released in 2014 by The International WELL Building Institute (IWBI), jointly certified with the Green Building Certification Institute (GBCI) who is administering LEED.

Hong Kong is committed to take action under the Paris Agreement signed in 2015 to limit global warming to well below 1.5 °C as compared to the pre-industrial levels, and strives to promote low-carbon transformation towards the goal of carbon neutrality by 2050. Energy saving and conservation is one key action to reduce carbon emission. There are different types of zero energy buildings, each type having a different impact on carbon neutrality. A white paper that was written by the speaker in 2014 with further enhancement on a review of NZEBs (Net Zero Energy Buildings) and technology to achieve them will be discussed.

## EVENT DETAILS

- Date:** 18 December 2021 (Saturday)
- Time:** 10:00 a.m. to 12:00 n.n.
- Format:** Online via Zoom
- Fee:** MEMBER: HK\$40 | NON-MEMBER: HK\$60
- CPD Hours:** 2 hours\*
- Registration:** 

**Enquiry:** 2376 1933 / [www.aibe-edu.org](http://www.aibe-edu.org)

## SPEAKER:

**Ir Dr. Albert So**



Ir Dr Albert So, one of the founder and incumbent Directors of Asian Institute of Built Environment, got all his three degrees in electrical engineering from The University of Hong Kong. He is a Chartered Engineer and RPE, a fellow of CIBSE, IMechE and SOE, member of HKIE and a Registered Energy Assessor in Hong Kong.

He has been a member of the BEC Task Force and the lift and escalator group for decades. He is also a WELL Accredited Professional. Over the decades, he has been working on improving the energy efficiency of various machines and intelligent buildings.