Indoor Environment, ZEB, and Carbon Neutral Society

Shin-ichi Tanabe

Department of Architecture, Waseda University,

3-4-1 Okubo Shinjyuku-ku Tokyo, 169-8555 Japan, tanabe@waseda.jp

Abstract

The indoor environments should enhance occupant's health, comfort and productivity

bucause people spend around 90% of their lives indoors. However, energy policy and carbon

neutral goals in many countries are often focused only on the implementation of measurable

energy savings in buildings without taking into account the satisfactions for building users.

This has been changed that the energy in buildings should be reduced without compromising

the indoor environmental quality. We have to clear the effects of indoor environment in terms

of both health and productivity by the scientific evidences. A lot of developping countries

declare to establish carbon neutral society until 2050. At the same time we have to think

sustainable solutions to persuade clients to accept the concept of a relationship between

indoor environmental quality and economic productivity benefits. Human centreed research

is required to solve these problems. Latest tends in the world and in Japan are intruduced and

discusseed.

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