

Strategies, concepts and measures for decarbonising the building stock by 2045/50

*I believe that we were able to share information
on the issues faced by Japan and Germany in order
to **reduce operational carbon in building stock***



Toshiharu IKAGA

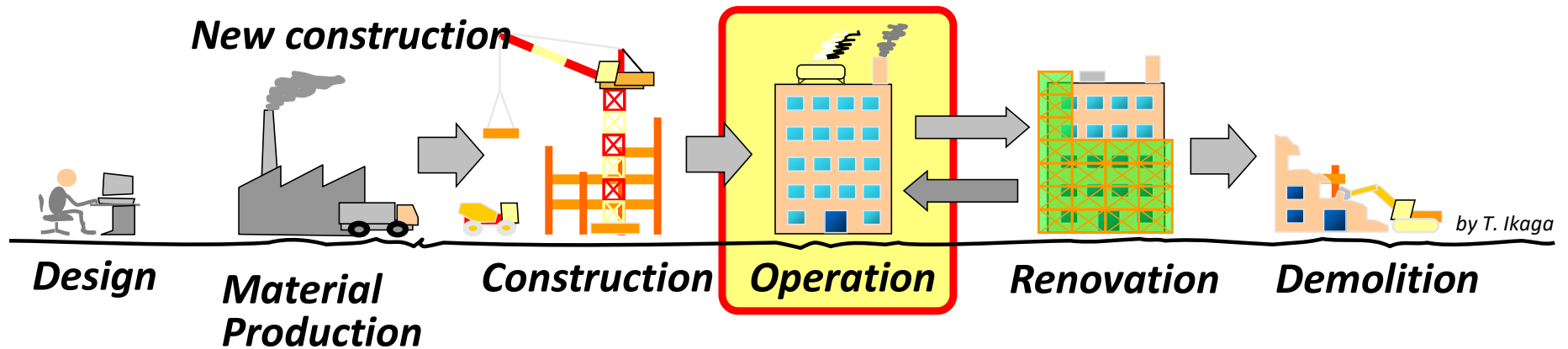
Professor, Keio University

Member, GJETC

Vice chair, Net-Zero Carbon Buildings Promotion Council



Reduction of whole life carbon in building



As a future challenge, The promotion of whole life carbon reduction in building sector has been included in the G7 Climate, Energy and Environment Ministers' Communiqué in April 2023 and G7 Urban Development Ministers' Communiqué in July 2023.



Net-Zero Carbon Buildings Promotion Council

Industry, Academy & Government (MLIT, METI, MOE & Local Authorities) since 2022



***Chair: Dr. Shuzo MURAKAMI, President,
Institute for Built Environment and
Carbon Neutral for SDGs(IBECS)***

***Vice chair: Dr. Toshiharu IKAGA, Professor,
Keio University***

In response, the Net-Zero Carbon Building Promotion Council was established supported by the Japanese Ministry of Land, Infrastructure, Transport and Tourism, and is currently developing a whole-life carbon calculation tool until March 2024.

However, the issue in Japan is that manufacturing companies are lagging behind EU and US in carbon labeling of building materials and equipment.

Strategies, concepts and measures for decarbonising the building stock by 2045/50

***Japan should learn from Germany's wonderful efforts.
It would be a good idea to address this point in GJECT.***



Thank you for your attention !